

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-04		RIG NO.		215		JOB TYPE		HORIZONTAL		JOB NO.		25713		WELL TYPE		OIL	
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME				DAYS FR SPUD				PROJECTED TD											
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX				JOB START DATE 12/03/12 06:00				DAYS ON JOB				EST. RELEASE							
RIG MANAGER Gary Wallace										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 432-212-6903				RELEASE DATE / TIME				WEATHER cooler							
OPERATIONS @ REPORT TIME WAIT ON DAYLIGHT										OPERATIONS NEXT 24 HRS move rig																													
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 5		RIG SAFETY DAYS 831		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 10/28/12 250 LOW 1000 H																		
	SAFETY MEETING TOPICS material handling										# STOP CARDS 0		LAST MEETING DATE 12/03/12				CROWN-O-MATIC CHECKED 12/01/12 00:00				BOP DRILL DATE / TIME 11/23/12 12:00 - 8-15-2012 50 SEC																		
	LAST INSPECTION 11/20/12		INSPECTION BY / TITLE Todd Thomas - ssuperintendnt				CREW M / U 6/5		EXTRA CREWS / WHY? No				OFFICE NOTIFIED No		MANHOURS PAST 24 182.50				BOP DRILL DATE / TIME 11/25/12 18:22 - 8-15-2012 45 SEC																				
OPS	CURRENT DEPTH 0.00		FOOTAGE LAST 24 0.00		PEN. RATE		ROT. HRS 0.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 0.00 0.00				RIG COSTS S & R RENTAL																		
	HOOKLOAD 156000.00		PICKUP WEIGHT 166000.00		SLACKOFF 131000.00		ROTATING 156000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 0.00 0.00																												
MUD	Time 00:00		Mud Wt IN / OUT 0.00		Funnel Vis 0.00		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FLT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00				AVERAGE		1744.55		151.08								
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 0.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		MUD COSTS DAILY 0.00 CUM. 0.00		CUMULATIVE		202367.42		17525.00										
	CENTRIFUGES N/A		SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		116.00		116.00																								
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN (Today / Well)																												
	06:00 18:00 12.00 1C Rig down with crews Rig down floor hang t/d hang blocks unstringing dw lay over subs derrick start on electrical edward deleon ad 10-23-2012 worked John askew And crew from 0600 to 2200										1: RIG UP / DOWN 24.00 24.00																												
	18:00 00:00 6.00 1C Rig down with crews rigged down pitts electrical lines water lines rig down line in derrick rig down derrick board										2: DRILLING																												
	00:00 06:00 6.00 1D WAIT ON DAYLIGHT worked Justin Murphree from 1200 to 0000										3: REAMING																												
											4: CORING																												
											5: COND. & CIRC																												
											6: TRIPS																												
											7: LUBRICATE RIG																												
											8: REPAIR RIG																												
											9: C/O DRILL LINE																												
										10: DEVIATION																													
										11: WIRELINE LOG																													
										12: RUN CSG & CMNT																													
										13: WAIT ON CEMENT																													
										14: NIPPLE UP BOP																													
										15: TEST BOP																													
										16: DRILL STEM TEST																													
										17: PLUGBACK																													
										18: SQUEEZE CMNT																													
										19: FISHING																													
										20: DIR. WORK																													
										21:																													
										22:																													
										23:																													
										Other																													
										Total Hours 24.00 24.00																													
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P														
	n/a		n/a		n/a		0						0.00		0.00		0.00		0.00		0.00		n/a		0.00														
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR Kill Rate		KILL (SPM)										
	0.00 - 0.00		0.00		0.00		6.00 0.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 1 12P160		12.00		NATIONAL		24.00		1092.00		2700.00		20.00		472.00										
DRILLSTRG	SIZE		WEIGHT		GRADE		ID		T.J.O.D.		THREAD		# INTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS																
	4.50		20.00		S135		3.83		6.25		NC 46 (EH)		350		11500.00		0		350		0		NONE																
ENGINES	LOCATION		GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)				O.D.		I.D.		LENGTH		DEVIATION SURVEYS														
	Co. No.		3512		3512		3512		3306		DEUT		0		NA																								

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PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE 2012-12-06		RIG NO. 215		JOB TYPE HORIZONTAL		JOB NO. 25713		WELL TYPE OIL								
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 0.00		PROJECTED TD 17000.00						
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 3.00		EST. RELEASE 01/05/13				
RIG MANAGER Gary Wallace					RIG PHONE NUMBER 903-570-5141					OPERATORS REPRESENTATIVE Jessie Taylor					CO. MAN PH NO. 432-212-6903					RELEASE DATE / TIME					WEATHER cooler					
OPERATIONS @ REPORT TIME rig up with crews,run lines in derrick,electrical lines,koomey lines,										OPERATIONS NEXT 24 HRS move rig																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 3		RIG SAFETY DAYS 833		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 10/28/12 250 LOW 1000 H											
	SAFETY MEETING TOPICS material handling										# STOP CARDS 3		LAST MEETING DATE 12/04/12		CROWN-O-MATIC CHECKED 12/01/12 00:00		BOP DRILL DATE / TIME 11/23/12 12:00 - 8-15-2012 50 SEC													
	LAST INSPECTION 11/20/12					INSPECTION BY / TITLE Todd Thomas - ssuperintndnt					CREW M / U 6/5		EXTRA CREWS / WHY? Yes yes		OFFICE NOTIFIED Yes		MANHOURS PAST 24 228.00		BOP DRILL DATE / TIME 11/25/12 18:22 - 8-15-2012 45 SEC											
OPS	CURRENT DEPTH 0.00		FOOTAGE LAST 24 0.00		PEN. RATE		ROT. HRS 0.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 0.00 0.00		RIG COSTS											
	HOOKLOAD 156000.00		PICKUP WEIGHT 166000.00		SLACKOFF 131000.00		ROTATING 156000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 0.00 0.00		DAILY		S & R		RENTAL													
MUD	Time 06:00		Mud Wt IN / OUT n/a		Funnel Vis n/a		PV		YLD PT n/a		10 S GEL n/a		10 M GEL n/a		FI. Loss 0		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1750.93		150.97	
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 0.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		CUMULATIVE		206609.46		17815.00	
	CENTRIFUGES N/A						SHAKER TYPE N/A						SCREENS N/A								CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		118.00		118.00	
TIME LOG	FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)							
	06:00 14:30 8.50 1A										Move Rig with trucks had 1 tandam 2 cranes and 5 haul trucks										1: RIG UP / DOWN		24.00 70.00							
											sqaured up subs fist thing insatiled center steel set mud boat mats										2: DRILLING									
											put derrick on floor set electrical suit cases install top house and ods house										3: REAMING									
											houcked up all hydrolic lines to raise cylinders on derrick set scr house										4: CORING									
											set motor packages and front yard realeased trucks at 1430										5: COND. & CIRC									
											14:30 18:00 3.50 1B										6: TRIPS									
											Rig up with crews install electical line to pits hooked up electrical between										7: LUBRICATE RIG									
											motors rigged up derrick board										8: REPAIR RIG									
											worked Joeys crew from 600 to 2000										9: C/O DRILL LINE									
										worked alcaries padron crew from 600 to 2200										10: DEVIATION										
										all crew members was on confrence call also										11: WIRELINE LOG										
										patterson uti midland trucks moved us 13.20 miles										12: RUN CSG & CMNT										
										18:00 06:00 12.00 1B										13: WAIT ON CEMENT										
										rig up with crews,run lines in derrick,electrical lines,koomey lines,										14: NIPPLE UP BOP										
										connect t.d. track,hand rails										15: TEST BOP										
										worked Nobertos crew 1600 to 0600										16: DRILL STEM TEST										
																				17: PLUGBACK										
																				18: SQUEEZE CMNT										
																				19: FISHING										
																				20: DIR. WORK										
																				21:		2.00								
																				22:										
																				23:										
																				Other										
																				Total Hours		24.00 72.00								
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P					
	n/a				n/a		n/a						0.00		0.00		0.00		0.00		0.00		n/a							
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL (SPM)			
	0.00 - 0.00		0.00		0.00		Liner SPM		Liner SPM		Liner SPM		Liner SPM		Pump 1		12P160		12.00 NATIONAL		24.00		1140.00		2700.00		20.00 472.00			
	0.00 - 0.00		0.00		0.00		6.00 0.00		6.00 0.00		6.00 0.00		6.00 0.00		Pump 2		12P160		12.00 NATIONAL		24.00		1140.00		2700.00		30.00 907.00			
DRILLSTRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS							
	4.50		20.00		S135				6.25		NC 46 (EH)				0		0				NONE									
	3.50		13.30		S135				4.75		NC 38 (IF)				0		0													
ENGINES	LOCATION		GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS							
	Co. No.		3512		3512		3512		3306		DEUT		0		NA								DEPTH INCL AZM							
	HRS TODAY		0.00		0.00		12.00		24.00		0.00																			
RIG FUEL	DELIVERED TODAY		0.00		HOURS		FUEL USED		TODAY		0.00		WELL		0.00		0.00		BOILER #		0									
	On Hand		1936.00																											
	Used Today		141.00																											
MUD MTR	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE																			
RENTAL ITEMS	DESCRIPTION		DAY RT		STDBY		HRLY																							
REPORT REMARKS	Joey Wiegman		s/m move rig with trucks																				DEPTH DRILLED							
	Norberto M Musico		s/m power lines,jras=3 stops=2 ,k-1 forklift																				FROM TO CODE RPM W.O.B.							
	Norberto M Musico		l-1 manlift, A-7 elec. lines rig up																				0.00 0.00 0.00 0.00							
Norberto M Musico		fuel=20 "																				0.00 0.00 0.00 0.00								
move rig																														

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2012-12-07		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UJ SUY								SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 0.00		PROJECTED TO 17000.00			
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 4.00		EST. RELEASE 01/05/13					
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO 432-212-6903				RELEASE DATE / TIME		WEATHER cooler			
OPERATIONS @ REPORT TIME spud & drill f/105-t/110										OPERATIONS NEXT 24 HRS spud and run casing											
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 8		RIG SAFETY DAYS 834		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 10/28/12 250 LOW 1000 H		
	SAFETY MEETING TOPICS material handling										# STOP CARDS 2		LAST MEETING DATE 12/04/12				CROWN-O-MATIC CHECKED 12/07/12 00:00		BOP DRILL DATE / TIME 11/23/12 12:00 - 8-15-2012 50 SEC		
	LAST INSPECTION 11/20/12		INSPECTION BY / TITLE Todd Thomas - ssuperintendent				CREW M / U 6/5		EXTRA CREWS / WHY? Yes yes				OFFICE NOTIFIED Yes		MANHOOURS PAST 24 230.50		BOP DRILL DATE / TIME 11/25/12 18:22 - 8-15-2012 45 SEC				
OPS	CURRENT DEPTH 110.00	FOOTAGE LAST 24 110.00		PEN. RATE 220.00	ROT. HRS 0.50	MAX. GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 0.00 0.00		RIG COSTS									
	HOOKLOAD 56000.00	PICKUP WEIGHT 56000.00		SLACKOFF 55000.00	ROTATING 56000.00	ROTARY TORQUE 6.00 - 9.00	NEXT CASING SIZE & SET DEPTH 0.00 0.00				S & R	RENTAL									
MUD	Time 06:00	Mud Wt 8.40	IN / OUT 27.00	Funnel Vis 0.00	PV 0	YLD PT 0	10 S GEL 0	10 M GEL 0.00	FI. Loss 0.00	FILT CK 0	HTHP FL 0.00	HTTP FC 0	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE	1772.88	150.92				
	Mud Type no mud	% SOLIDS 1.5	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 0.00	MF 0	PF 0	CALCIUM 2180	CHLORIDES 156000	DAILY 0.00	MUD COSTS CUM. 0.00	CUMULATIVE	210972.56	17960.00					
	CENTRIFUGES N/A	SHAKER TYPE N/A				SCREENS N/A				CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS	119.00	119.00					
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										
											(Today / Well)										
	06:00	18:00	12.00	1B	Rig up with crews raise derrick subs hang flow line										1: RIG UP / DOWN		18.00	88.00			
											back steps spool up drawworks hook up stand pipe in derrick							2: DRILLING		0.50	0.50
											and from pumps to subs unhang blocks worked on hook up t/d							3: REAMING			
											worked crews from 600 to 2200							4: CORING			
	18:00	00:00	6.00	1B	rig up with crews,catwalk v-door,tongs,elevators,bails.windwalls frames										5: COND. & CIRC						
											kill line,sub walkways							6: TRIPS			
	00:00	02:00	2.00	2I	nipple up conductor and secure										8: REPAIR RIG						
	02:00	05:30	3.50	2I	load and strap bha										9: C/O DRILL LINE						
	05:30	06:00	0.50	2	spud & drill f/105-t/110										10: DEVIATION						
											spud @5:30 on 12/07/12							11: WIRELINE LOG			
																		12: RUN CSG & CMNT			
																		13: WAIT ON CEMENT			
																		14: NIPPLE UP BOP			
																		15: TEST BOP			
																		16: DRILL STEM TEST			
																		17: PLUGBACK			
																		18: SQUEEZE CMNT			
																		19: FISHING			
																		20: DIR. WORK			
																		21:		5.50	7.50
																		22:			
																	23:				
																	Other				
																	Total Hours		24.00	96.00	
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES				IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R.O.P					
	1	17.50	ROCK	BAKER	3113	3 x 22.00				105.00		5.00	1.00	1.00	new	5.00					
										n/a	n/a	n/a			0.00	0.00	0.00	n/a			
PUMPS	Depth	GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)		
				Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	12P160	12.00	NATIONAL	24.00	1164.00	2700.00	20.00	472.00	
	0.00 - 0.00	0.00	0.00	6.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	Pump 2	12P160	12.00	NATIONAL	24.00	1164.00	2700.00	30.00	907.00	
	105.00 - 110.00	420.00	100.00	6.00	90.00	6.00	0.00	0.00													

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2012-12-08		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL					
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 1.00		PROJECTED TD 17000.00												
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 5.00		EST. RELEASE 01/05/13												
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO 432-212-6903		RELEASE DATE / TIME		WEATHER cooler										
OPERATIONS @ REPORT TIME nipple up b.o.p										OPERATIONS NEXT 24 HRS pu bha and drill																
SAFETY	ACCIDENTS OR NEAR MISSES: none				# OF JSA's 10		RIG SAFETY DAYS 835		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 10/28/12 250 LOW 1000 H													
	SAFETY MEETING TOPICS matirreal handlin cont				# STOP CARDS 3		LAST MEETING DATE 12/04/12				CROWN-O-MATIC CHECKED 12/07/12 00:00		BOP DRILL DATE / TIME 11/23/12 12:00 - 8-15-2012 50 SEC													
	LAST INSPECTION 11/20/12		INSPECTION BY / TITLE Todd Thomas - ssuperintendent		CREW M / U 5/5		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOOURS PAST 24 149.00		BOP DRILL DATE / TIME 11/25/12 18:22 - 8-15-2012 45 SEC													
OPS	CURRENT DEPTH 425.00	FOOTAGE LAST 24 315.00	PEN RATE 63.00	ROT. HRS 5.00	MAX GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 13.58 425.00		RIG COSTS															
	HOKLOAD 56000.00	PICKUP WEIGHT 56000.00	SLACKOFF 55000.00	ROTATING 56000.00	ROTARY TORQUE 6.00 - 9.00	NEXT CASING SIZE & SET DEPTH 9.58 5600.00				S & R	RENTAL															
MUD	Time 06:00	Mud Wt IN / OUT 8.40	Funnel Vis 29.00	PV 0.00	YLD PT 0	10 S GEL 0	10 M GEL 0.00	FI. Loss 0.00	FILT CK 0	HTHP FL 0.00	HTTP FC 0	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE	1799.34	150.88										
	Mud Type no mud	% SOLIDS 1.5	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 0.00	MF 0	PF 0	CALCIUM 2180	CHLORIDES 156000	DAILY 0.00	MUD COSTS CUM. 0.00	CUMULATIVE	215920.64	18105.00										
	CENTRIFUGES N/A	SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		120.00		120.00												
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE																									
	TO		HRS		CODE												TIME BREAKDOWN		(Today / Well)							
	06:00		11:00		5.00		2		Drill f/ 120' to 425'										1: RIG UP / DOWN		88.00					
	11:00		11:30		0.50		5		Condition mud & circulate										2: DRILLING		5.00 5.50					
	11:30		13:00		1.50		6		P.o.o.h, dh 100% tied off, ck c.o.m (JW)										3: REAMING							
	13:00		14:30		1.50		21		Lay down tools, and break bit										4: CORING							
	14:30		15:00		0.50		21		Change out bails & elevators										5: COND. & CIRC		0.50 0.50					
	15:00		17:00		2.00		12		Hold safety meeting, rig up casing crew, run casing & rig down										6: TRIPS		1.50 1.50					
	17:00		18:00		1.00		12		Hold safety meeting, rig up cementers & cement										7: LUBRICATE RIG							
									Elevator watchman (Justin Youkey)										8: REPAIR RIG							
	18:00		22:00		4.00		12		wait on cement										9: C/O DRILL LINE							
	22:00		01:30		3.50		21		cut conductor,final cut on casing & weld on well head test @ psi 1000										10: DEVIATION							
	01:30		06:00		4.50		14		nipple up b.o.p										11: WIRELINE LOG							
																			12: RUN CSG & CMNT		7.00 7.00					
																			13: WAIT ON CEMENT							
																			14: NIPPLE UP BOP		4.50 4.50					
																			15: TEST BOP							
																			16: DRILL STEM TEST							
																			17: PLUGBACK							
																			18: SQUEEZE CMNT							
																			19: FISHING							
																			20: DIR. WORK							
																			21:		5.50 13.00					
																			22:							
																		23:								
																		Other								
																		Total Hours		24.00 120.00						
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P	
	1		17.00		rock		smith		n/a		3 x 22.00		110.00													

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE												
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 2.00		PROJECTED TD 17000.00												
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews		STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 6.00		EST. RELEASE 01/05/13												
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor		CO. MAN PH NO. 432-212-6903		RELEASE DATE / TIME		WEATHER cooler																
OPERATIONS @ REPORT TIME drill f/425-t/1876										OPERATIONS NEXT 24 HRS pu bha and drill																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 10		RIG SAFETY DAYS 836		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H											
	SAFETY MEETING TOPICS crane and mobil cranes										# STOP CARDS 2		LAST MEETING DATE 12/08/12		CROWN-O-MATIC CHECKED 12/07/12 00:00		BOP DRILL DATE / TIME 11/08/12 12:00 - 8-15-2012 50 SEC													
	LAST INSPECTION 11/20/12				INSPECTION BY / TITLE Todd Thomas - ssuperintendnt				CREW M / U 5/5		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 149.00		BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC													
OPS	CURRENT DEPTH 1876.00		FOOTAGE LAST 24 1451.00		PEN RATE 116.08		ROT. HRS 12.50		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.58 425.00		RIG COSTS											
	HOOKLOAD 86000.00		PICKUP WEIGHT 88000.00		SLACKOFF 84000.00		ROTATING 85000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 9.58 5600.00						DAILY		S & R RENTAL											
MUD	Time 06:00		Mud Wt IN / OUT 8.40		Funnel Vis 29.00		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1788.44		150.83	
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 0.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		CUMULATIVE		216400.64		18250.00	
	CENTRIFUGES N/A																						DAILY 0.00 CUM. 0.00		CUMULATIVE		121.00		121.00	
TIME LOG	FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)							
	06:00 12:00 6.00 14										Nipple up b.o.p's, hang flow line, turn buckels, & test 250 low, 1000 high										1: RIG UP / DOWN		88.00							
	12:00 13:30 1.50 21										Put collars & tools on racks, strap & caliber										2: DRILLING		12.50 18.00							
	13:30 14:00 0.50 21										Change out bails & elevators										3: REAMING									
	14:00 15:00 1.00 7										Rig service, work manual ibop, man rider working & stored @ crown,										4: CORING									
	15:00 17:30 2.50 6										Pick up tools, make up bit & t.i.h. dh 100% tied off, ck c.o.m (JW)										5: COND. & CIRC		0.50							
	17:30 18:00 0.50 2										Tagged cement @ 380' & drill out										6: TRIPS		2.50 4.00							
											Elevator watchman (Justin Youkey)										7: LUBRICATE RIG		1.00 1.00							
											drill f/425-t/1876										8: REPAIR RIG									
											elevator watchman-Omar Rodriguez										9: C/O DRILL LINE									
											brake=71 psi 220 gpm 64 temp in/out										10: DEVIATION									
																					11: WIRELINE LOG									
																					12: RUN CSG & CMNT		7.00							
																					13: WAIT ON CEMENT									
																					14: NIPPLE UP BOP		6.00 10.50							
																					15: TEST BOP									
																					16: DRILL STEM TEST									
																					17: PLUGBACK									
																					18: SQUEEZE CMNT									
																					19: FISHING									
																					20: DIR. WORK									
																					21:		2.00 15.00							
																					22:									
																					23:									
																				Other										
																				Total Hours		24.00 144.00								
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P					
	2		12.25		FX65DM		Halliburton		12035919		6 x 22.00		425.00				1451.00		12.00		12.00		new		120.92					
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL (SPM)			
	425.00 - 425.00		110.00		630.00		6.00 110.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 1 12P160		12.00		NATIONAL		24.00		1212.00		2700.00		20.00 472.00			
	425.00 - 1876.00		386.00		1680.00		6.00 75.00		6.00 75.00		0.00 0.00		0.00 0.00		Pump 2 12P160		12.00		NATIONAL		24.00		1212.00		2700.00		30.00 907.00			
DRILLSTRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS							
	4.50		20.00		S135		3.83		6.25		NC 46 (EH)		350		11500.00		36		314		0		NONE							
	3.50		13.30		S135		0.00		4.75		NC 38 (IF)		549		0.00		549		0		0									
ENGINES	LOCATION		GEN1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS							
	Co. No.		3512		3512		3512		3306		DEUT		1		BIT		12.25		0.00		1.50		DEPTH		INCL		AZM			
	HRS TODAY		0.00		18.00		24.00		0.00		0.00		1		MOTOR		8.00		0.00		27.90		1466.00		0.40					
RIG FUEL	DELIVERED TODAY		0.00		HOURS		FUEL USED		TODAY		0.00		0.00		2		8" D.C		8.00		2.50		10.13							
	On Hand		7342.00		WELL		0.00		0.00		0.00		1		3PT REAMER		8.00		2.58		10.13									
	Used Today		745.00		BOILER #		0		1		X.O.		8.00		2.38		3.64													
MUD MTR	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE		1		6.5 D.C		6.50		2.38		436.66									
	1244		12.50		12.50		12.50		1451.00		1451.00		4		6.5 D.C		6.50		2.38		124.66									
RENTAL ITEMS	DESCRIPTION		DAY RT		STDBY		HRLY		11		DRILL PIPE		STANDS		1047.75		DIRECTIONS TO													
									2		KELLY DOWN		SINGLES		63.74		take 349 to patricia turn													
											TOTAL				1876.06		west on hiway 115 go 16.3													
REPORT REMARKS	Joey Wiegman		s/m hoisting/cranes,jras,stops		FROM		TO		CODE		RPM		W.O.B.		425.00		425.00		DRILL		35.00		6.00							
	Joey Wiegman		jra k1 forklift,jra b4 nipple up,jra b11 acc.hoses		425.00		1876.00		DRILL		40.00		18.00																	
	Joey Wiegman		brk temp in/out 63 , 43 psi, 223 gpm																											
		s/m matrial handling,jras=6 stops=1,c1 hoist																												
		k1 forklift,c7 mix mud,c4 con w/lr,c8 conn w/td,c13 slips																												
		fuel=52" 7342.5 gal																												
		drill out																												

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		RIG NO.		JOB TYPE		JOB NO.		WELL TYPE																									
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 3.00		PROJECTED TD 17000.00																													
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 7.00		EST. RELEASE 01/05/13																											
RIG MANAGER Gary Wallace										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Jessie Taylor		CO. MAN PH NO. 432-212-6903		RELEASE DATE / TIME		WEATHER cooler																											
OPERATIONS @ REPORT TIME drill f/3167-t/3794										OPERATIONS NEXT 24 HRS drill																																											
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 12		RIG SAFETY DAYS 837		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H																									
SAFETY MEETING TOPICS cranes										# STOP CARDS 2										LAST MEETING DATE 12/08/12		CROWN-O-MATIC CHECKED 12/07/12 00:00		BOP DRILL DATE / TIME 11/08/12 12:00 - 8-15-2012 50 SEC																													
LAST INSPECTION 12/07/12										INSPECTION BY / TITLE gary wallace - rig manager										CREW M / U 5/5		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 149.00		BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC																									
OPS										CURRENT DEPTH 3794.00										FOOTAGE LAST 24 1918.00		PEN RATE 81.62		ROT. HRS 23.50		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS																	
										HOOKLOAD 110000.00										PICKUP WEIGHT 112000.00		SLACKOFF 109000.00		ROTATING 110000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 9.58 5600.00				S & R		RENTAL																			
MUD										Time										Mud Wt IN / OUT 06:00 9.60		Funnel Vis 29.00		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1773.78		150.78							
										Mud Type no mud										% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 0.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS		CUMULATIVE		216400.64		18395.00					
										CENTRIFUGES N/A										SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		122.00		122.00																					
TIME LOG										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN (Today / Well)																																	
										FROM TO HRS CODE										1: RIG UP / DOWN 88.00																																	
										06:00 16:00 10.00 2 Drill -f 1876 -t 3040										2: DRILLING 23.50 41.50																																	
										16:00 16:30 0.50 7 Rig service, work manual ibop, manrider working & stored @ crown																																											
										16:30 18:00 1.50 2 Drill -f 3040 -t 3167																																											
																				3: REAMING																																	
																				4: CORING																																	
																				5: COND. & CIRC 0.50																																	
																				6: TRIPS 4.00																																	
																				7: LUBRICATE RIG 0.50 1.50																																	
																				8: REPAIR RIG																																	
																				9: C/O DRILL LINE																																	
																				10: DEVIATION																																	
																				11: WIRELINE LOG																																	
																				12: RUN CSG & CMNT 7.00																																	
																				13: WAIT ON CEMENT																																	
																				14: NIPPLE UP BOP 10.50																																	
																				15: TEST BOP																																	
																				16: DRILL STEM TEST																																	
																				17: PLUGBACK																																	
																				18: SQUEEZE CMNT																																	
																				19: FISHING																																	
																				20: DIR. WORK																																	
																				21: 15.00																																	
																				22:																																	
																				23:																																	
																				Other																																	
																				Total Hours 24.00 168.00																																	
BITS										BIT#										SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P											
										2										12.25		FX65DM		Halliburton		12035919		6 x 22.00		425.00				3369.00		35.50		47.50		new		70.93											
PUMPS										Depth										GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL RATIO		KILL (SPM)							
										1876.00 - 3167.00										150.00		2100.00		6.00 75.00		6.00 75.00		0.00 0.00		0.00 0.00		0.00 0.00		Pump 1 12P160		12.00		NATIONAL		24.00		1236.00		2700.00		20.00 472.00							
										3167.00 - 3794.00										368.00		2216.00		6.00 75.00		6.00 75.00		0.00 0.00		0.00 0.00		0.00 0.00		Pump 2 12P160		12.00		NATIONAL		24.00		1236.00		2700.00		30.00 907.00							
DRILL STRG										SIZE										WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS													
										4.50										20.00		S135		3.83		6.25		NC 46 (EH)		350		11500.00		36		314		0		NONE													
										3.50										13.30		S135		0.00		4.75		NC 38 (IF)		549		0.00		549		0		0															
ENGINES										LOCATION										GEN 1		GEN 2		GEN 3		CMP		HPU		NO.										DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS					
										Co. No.										3512		3512		3512		3306		DEUT		1										BIT		12.25		0.00		1.50		DEPTH		INCL		AZM	
										HRS TODAY										12.00		24.00		12.00		0.00		24.00		1										MOTOR		8.00		0.00		27.90		3377.00		0.40			
										HRS ON WELL										12.00		69.00		96.00		78.00		59.00		1										SHOCK SUB		8.50		2.50		12.29		2925.00		0.50		0.00	
										HRS LAST CHGE										12.00		45.00		623.00		78.00		700.00		1										FLOWDRIFT		8.00		2.58		4.92		2425.00		0.90		0.00	
										AVERAGE KVA										0.00		0.00		0.00		0.00		0.00		1										3PT REAMER		8.00		2.58		8.71		1944.00		0.70		0.00	
																												1										8" D.C		8.00		2.50		30.60		1466.00		0.40					
																												1										3PT REAMER		8.00		2.58		10.13		895.00		0.50					
																												2										8" D.C		8.00		2.50		62.10		372.00		0.20					
																												14										X.O.		8.00		2.38		3.64		0.00		0.00					
																												1										6.5 D.C		6.50		2.38		436.66		0.00		0.00					
																												1										JAR		6.50		2.50		31.46									
																												4										6.5 D.C		6.50		2.38		124.66									
RIG FUEL										DELIVERED TODAY										0.00		HOURS		FUEL USED																													
										On Hand										5513.00		TODAY		0.00		0.00																											
										Used Today										1829.00		WELL		0.00		0.00																											
										Used This Well										4304.00		BOILER #		0		0.00																											
										Fuel Brand										OFFROAD		BLOWDOWN		VOLUMES		0.00																											
										DISTRIBUTOR										INDUSTRIAL OIL																																	
MUD MTR										SERIAL #										HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE																									
										1244										23.50		36.00		36.00		1918.00		3369.00																									
RENTAL ITEMS										DESCRIPTION										DAY RT		STDBY		HRLY																													

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-11		RIG NO		215		JOB TYPE		HORIZONTAL		JOB NO		25713		WELL TYPE		OIL	
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 4.00				PROJECTED TD 17000.00											
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 8.00				EST. RELEASE 01/05/13															
RIG MANAGER Gary Wallace					RIG PHONE NUMBER 903-570-5141					OPERATORS REPRESENTATIVE Jessie Taylor					CO. MAN PH NO 432-212-6903					RELEASE DATE / TIME					WEATHER cooler														
OPERATIONS @ REPORT TIME drill f/4466-t/4968										OPERATIONS NEXT 24 HRS drill																													
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 6		RIG SAFETY DAYS 838		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H									
SAFETY										SAFETY MEETING TOPICS cranes										# STOP CARDS 8		LAST MEETING DATE 12/08/12				CROWN-O-MATIC CHECKED 12/10/12 00:00				BOP DRILL DATE / TIME 11/08/12 12:00 - 8-15-2012 50 SEC									
LAST INSPECTION 12/07/12			INSPECTION BY / TITLE gary wallace - rig manager			CREW M / U 5/5			EXTRA CREWS / WHY? Yes no			OFFICE NOTIFIED No			MANHOURS PAST 24 149.00			BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC																					
OPS										CURRENT DEPTH 4968.00										FOOTAGE LAST 24 1174.00		PEN RATE 49.96		ROT. HRS 23.50		MAX GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS			
OPS										HOOKLOAD 154000.00		PICKUP WEIGHT 161000.00		SLACKOFF 145000.00		ROTATING 154000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 9.58 5756.00				S & R		RENTAL													
MUD										Time 06:00		Mud Wt IN / OUT 9.90		Funnel Vis 28.00		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE 1762.53		150.73			
MUD										Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 10.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUMULATIVE 216790.64		18540.00			
MUD										CENTRIFUGES N/A		SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0				CUMULATIVE DAYS 123.00		123.00															
TIME LOG										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)									
TIME LOG										06:00 16:30 10.50 2 Drill -f/ 3794 -f/t 4366										1: RIG UP / DOWN										88.00									
TIME LOG										16:30 17:00 0.50 7 Rig service, work manual ibop, manndir working & stored @ crown										2: DRILLING										23.50 65.00									
TIME LOG										17:00 18:00 1.00 2 Drill -f/ 4366 -f/t 4466										3: REAMING																			
TIME LOG																				4: CORING																			
TIME LOG																				5: COND. & CIRC										0.50									
TIME LOG										18:00 06:00 12.00 2 drill f/4466-t/4968										6: TRIPS										4.00									
TIME LOG																				7: LUBRICATE RIG										0.50 2.00									
TIME LOG																				8: REPAIR RIG																			
TIME LOG																				9: C/O DRILL LINE																			
TIME LOG																				10: DEVIATION																			
TIME LOG																				11: WIRELINE LOG																			
TIME LOG																				12: RUN CSG & CMNT										7.00									
TIME LOG																				13: WAIT ON CEMENT																			
TIME LOG																				14: NIPPLE UP BOP										10.50									
TIME LOG																				15: TEST BOP																			
TIME LOG																				16: DRILL STEM TEST																			
TIME LOG																				17: PLUGBACK																			
TIME LOG																				18: SQUEEZE CMNT																			
TIME LOG																				19: FISHING																			
TIME LOG																				20: DIR. WORK																			
TIME LOG																				21:										15.00									
TIME LOG																				22:																			
TIME LOG																				23:																			
TIME LOG																				Other																			
TIME LOG																				Total Hours										24.00 192.00									
BITS										BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P					
BITS										2		12.25		FX65DM		Halliburton		12035919		6 x 22.00		425.00				4543.00		59.00		106.50		new		42.66					
PUMPS										Depth		GPM		PRESSURE		Pump 1 Liner SPM		Pump 2 Liner SPM		Pump 3 Liner SPM		Pump 4 Liner SPM		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR kill 2000		KILL (SPM)	
PUMPS										3794.00 - 4466.00		160.00		2400.00		6.00 80.00		6.00 80.																					

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 5.00		PROJECTED TD 17000.00
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews		STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 9.00		EST. RELEASE 01/05/13
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor		CO. MAN PH NO. 432-212-6903		RELEASE DATE / TIME		WEATHER cooler				
OPERATIONS @ REPORT TIME pump out 10 stds t.o.o.h d-man 100% tied off c-c-o-m (NM)										OPERATIONS NEXT 24 HRS drill								
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 0	RIG SAFETY DAYS 839	SAFETY RATE 0.00	G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H		
	SAFETY MEETING TOPICS walkways										# STOP CARDS 0	LAST MEETING DATE 12/10/12		CROWN-O-MATIC CHECKED 12/10/12 00:00		BOP DRILL DATE / TIME 12/08/12 12:00 - 8-15-2012 50 SEC		
	LAST INSPECTION 12/07/12				INSPECTION BY / TITLE gary wallace - rig manager				CREW M / U 5/5		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 149.00			
OPS	CURRENT DEPTH 5582.00	FOOTAGE LAST 24 614.00	PEN. RATE 34.11	ROT. HRS 18.00	MAX. GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS							
	HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00	SLACKOFF 154000.00	ROTATING 162000.00	ROTARY TORQUE 6.00 - 9.00	NEXT CASING SIZE & SET DEPTH 9.58 5582.00				S & R		RENTAL					
MUD	Time	Mud Wt IN / OUT	Funnel Vis	PV	YLD PT	10 S GEL	10 M GEL	FI. Loss	FILT CK	HTHP FL	HTHP FC	FUEL ADDED TO MUD		AVERAGE				
	06:00	10.3	39	9.00	19	3	16	8.00	0	0.00	0	TODAY 0.00 CUM. 0.00		1797.26		150.69		
	Mud Type	% SOLIDS	% LCM	% SAND	% OIL	% H2O	pH	MF	PF	CALCIUM	CHLORIDES	MUD COSTS		CUMULATIVE				
	no mud	1.5	0	0	0	0	9.00	0	0	2180	156000	DAILY 0.00 CUM. 0.00		222860.30		18685.00		
	CENTRIFUGES	SHAKER TYPE		SCREENS		CHANGED		WATER SOURCE		CUMULATIVE DAYS								
	N/A	N/A		N/A		No		0		0		124.00		124.00				
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN (Today / Well)							
	FROM	TO	HRS	CODE											1: RIG UP / DOWN	88.00		
	06:00	09:00	3.00	2	Drill -f 4968 -t 5030										2: DRILLING	18.00		
	09:00	10:30	1.50	8E	Repair t/d stand jump cylenders broke at the yoke soe remove sadle from blocks										3: REAMING			
	10:30	18:00	7.50	2	Drill -f 5030 -t 5321										4: CORING			
					Elevator watchman (Justin Youkey)										5: COND. & CIRC	2.50 3.00		
	18:00	01:30	7.50	2	drill f/5321-t/5582										6: TRIPS	2.00 6.00		
	01:30	04:00	2.50	5	circulate & pump sweep										7: LUBRICATE RIG	2.00		
	04:00	06:00	2.00	6	pump out 10 stds t.o.o.h d-man 100% tied off c-c-o-m (NM)										8: REPAIR RIG	1.50 1.50		
					elevator watchman-Omar Rodriguez										9: C/O DRILL LINE			
															10: DEVIATION			
															11: WIRELINE LOG			
															12: RUN CSG & CMNT	7.00		
															13: WAIT ON CEMENT			
															14: NIPPLE UP BOP	10.50		
															15: TEST BOP			
															16: DRILL STEM TEST			
															17: PLUGBACK			
															18: SQUEEZE CMNT			
															19: FISHING			
															20: DIR. WORK			
															21:	15.00		
															22:			
															23:			
														Other				
														Total Hours	24.00 216.00			
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R.O.P				
	2	12.25	FX65DM	Halliburton	12035919	6 x 22.00		425.00	5582.00	5157.00	77.00	183.50	new	28.10				
PUMPS	Depth	GPM	PRESSURE	Pump 1	Pump 2	Pump 3	Pump 4	TYPE		STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR KILL (SPM)			
	4968.00 - 5321.00	140.00	2700.00	6.00 75.00	6.00 75.00	0.00 0.00	0.00 0.00	Pump 1 12P160		12.00	NATIONAL	24.00	1284.00	2700.00	20.00 472.00			
	5321.00 - 5582.00	368.00	2750.00	6.00 75.00	6.00 75.00	0.00 0.00	0.00 0.00	Pump 2 12P160		12.00	NATIONAL	24.00	1284.00	2700.00	30.00 907.00			
DRILLSTRG	SIZE	WEIGHT	GRADE	I.D.	T.J.O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS						
	4.50	20.00	S135	3.64	6.25	NC 46 (EH)	350	11000.00	153	197	0	NONE						
	3.50	13.30	S135		4.75	NC 38 (IF)	546		546	0	0							
ENGINES	LOCATION	GEN 1	GEN2	GEN3	CMP	HPU	NO.		DRILLING ASSEMBLY (BHA)		O.D.	I.D.	LENGTH	DEVIATION SURVEYS				
	Co. No.	3512	3512	3512	3306	DEUT	1		BIT		12.25	0.00	1.50	DEPTH	INCL	AZM		
	HRS TODAY	24.00	24.00	0.00	0.00	12.00	1		MOTOR		8.00	0.00	27.90	5462.00	0.90			
RIG FUEL	DELIVERED TODAY	7000.00		HOURS		FUEL USED		1		SHOCK SUB		8.50	2.50	12.29	0.00	0.00		
	On Hand	8087.00		0.00		0.00		1		FLOWDRIFT		8.00	2.58	4.92	4893.00	1.10		
	Used Today	2206.00		0.00		0.00		1		3PT REAMER		8.00	2.58	8.71	4377.00	1.00		
MUD MTR	Used This Well	8730.00		0.00		0.00		1		8" D.C		8.00	2.50	30.60	3847.00	0.70		
	Fuel Brand	OFFROAD		BOILER #		0		1		3PT REAMER		8.00	2.58	10.13	3377.00	0.40		
	DISTRIBUTOR	INDUSTRIAL OIL		BLOWDOWN VOLUMES		0.00		2		8" D.C		8.00	2.50	62.10	3725.00	0.50		
RENTAL ITEMS	SERIAL #	HRS LAST 24	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE	14		X.O.		8.00	2.38	3.64	2925.00	0.50			
	1244	18.00	77.50	77.50	614.00	5157.00	1		6.5 D.C		6.50	2.38	436.66	2425.00	0.90			
							1		JAR		6.50	2.50	31.46	1944.00	0.70			
REPORT REMARKS	DESCRIPTION						DAY RT	STDBY	HRLY	4		6.5 D.C		1466.00	0.40			
										1		895.00		0.50				
										1		372.00		0.20				
JOEY WIEGMAN	s/m mobile cranes, 9 jra's, 3 stops						50		DRILL PIPE		STANDS		4756.86		DIRECTIONS TO			
	c-13 pull & set slips, c-1 hoist operations, l-1 manlift operation						2		KELLY DOWN		SINGLES		63.24		take 349 to patricia turn			
	brk temp in/out 57, 43 psi, 218 gpm												8.00		west on hiway 115 go 16.3			
JOEY WIEGMAN	p/u 160, s/o 154, r/w 158												5582.67		miles to location rd on			
	s/m mobile cranes, jras=6 stop=2, c1 hoist												160000.00		right go to first rd to left			
	k1 forklift, c13 slips, c7 mix mud, c4 conn w/td, c8 conn w/ir												83.00		follow road 1.5 miles to			
drilling	r/w 162 p/u 165 s/o 154														location			

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE												
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 6.00		PROJECTED TD 17000.00												
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews		STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 10.00		EST. RELEASE 01/05/13												
RIG MANAGER John G. Askew/ Ryan Savallo				RIG PHONE NUMBER 903-570-5141			OPERATORS REPRESENTATIVE Fred Spruiell			CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler																
OPERATIONS @ REPORT TIME cement										OPERATIONS NEXT 24 HRS cement 2 stages with DV Tool, nipple down, chg. spool,n/u stack, p/u 3.5 D.P.																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 8		RIG SAFETY DAYS 840		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H											
	SAFETY MEETING TOPICS t.o.o.h, lay down directional tools, changing bales & elev.,run casing										# STOP CARDS 5		LAST MEETING DATE 12/10/12		CROWN-O-MATIC CHECKED 12/10/12 00:00		BOP DRILL DATE / TIME 12/08/12 12:00 - 8-15-2012 50 SEC		BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC											
	LAST INSPECTION 12/07/12				INSPECTION BY / TITLE gary wallace - rig manager				CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 157.00															
OPS	CURRENT DEPTH 5582.00		FOOTAGE LAST 24 0.00		PEN. RATE		ROT. HRS 0.00		MAX. GAS 0.00		BCKGR GAS 0.0		CONN. GAS 0.0		TRIP GAS 0.0		LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS											
	HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 9.62				DAILY		S & R		RENTAL											
MUD	Time 00:00		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		FI. Loss		FILT CK		HTHP FL		HTHP FC		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1782.88		150.64	
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 9.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS DAILY 0.00 CUM. 0.00		CUMULATIVE		222860.30 18830.00	
	CENTRIFUGES N/A								SHAKER TYPE N/A								SCREENS N/A						CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		125.00 125.00	
TIME LOG	FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)							
	06:00 12:30 6.506										T.o.o.h, pull & ream out, dh 100% tied off, ck c.o.m (JW)										1: RIG UP / DOWN		88.00							
	12:30 14:30 2.0021										Lay down all 8" tools & collars, break bit										2: DRILLING		83.00							
	14:30 15:00 0.5021										Change out bails & elevators & clean floor										3: REAMING									
	15:00 18:00 3.0012										Hold safety meeting, rig up casing crew & run casing										4: CORING									
											Joey Wiegman & crew 1/2 hr. pre-post tour meeting and										5: COND. & CIRC		1.00 4.00							
											1/2 hr for Weekly Engagement call										6: TRIPS		6.50 12.50							
											Elevator watchman (Justin Youkey)										7: LUBRICATE RIG		2.00							
											run casing										8: REPAIR RIG		0.50 2.00							
	18:00 21:30 3.5012										repair hydraulic catwalk remove rollers to set trough back in place										9: C/O DRILL LINE									
	21:30 22:00 0.508M										run casing wash down last joint										10: DEVIATION									
	22:00 03:00 5.0012										circulate with rig pumps										11: WIRELINE LOG									
	03:00 04:00 1.005										hold safety meeting and rig up cement crew										12: RUN CSG & CMNT		13.00 20.00							
	04:00 04:30 0.5021										cement										13: WAIT ON CEMENT									
	04:30 06:00 1.5012										Norberto Musico & crew 1/2 hr pre-post meeting 1/2 Weekly Engagement call										14: NIPPLE UP BOP		10.50							
											Pedro Vilchez got 3 hrs extra need to Talk to Todd										15: TEST BOP									
											elev. watchman omar rodriguez										16: DRILL STEM TEST									
																					17: PLUGBACK									
																					18: SQUEEZE CMNT									
																					19: FISHING									
																					20: DIR. WORK									
																					21:		3.00 18.00							
																					22:									
																				23:										
																				Other										
																				Total Hours		24.00 240.00								
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		ROP					
	na																						NA							
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL RATIO		KILL (SPM)	
	5582.00 - 5582.00		0.00		0.00		6.00 0.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 1		12P160		12.00		NATIONAL		24.00		1308.00		2700.00		20.00 472.00	
	5582.00 - 5582.00		0.00		0.00		6.00 0.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 2		12P160		12.00		NATIONAL		24.00		1308.00		2700.00		30.00 907.00	
DRILLSTRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS							
	4.50		20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE							
	3.50		13.30		S135				4.75		NC 38 (IF)		546				546		0		0									
ENGINES	LOCATION		GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEPTH		INCL		AZM			
	Co. No.		3512		3512		3512		3306		DEUT		14		6.5 D.C		6.50		2.38		436.66		0.00		0.00		0.00			
	HRS TODAY		22.00		24.00		0.00		0.00		0.00		4		6.5 D.C		6.50		2.38		124.66		5462.00		0.90					
RIG FUEL	DELIVERED TODAY		0.00		TODAY		HOURS		FUEL USED														3377.00		0.40		0.00			
	On Hand		7342.00		WELL		0.00		0.00														2925.00		0.50		0.00			
	Used Today		745.00		BOILER #		0																2425.00		0.90		0.00			
MUD MTR	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE												1944.00		0.70		0.00			
	1244		0.00		77.50		77.50		0.00		5157.00												1466.00		0.40					
																							895.00		0.50					
RENTAL ITEMS	DESCRIPTION		DAY RT		STDBY		HRLY																372.00		0.20					
REPORT REMARKS	Joey Wiegman		s/m walkways,6 jras,stops 3																				4756.86							
	Joey Wiegman		jra l1 manlift,jrak1 forklift,jra e24																				63.24							
	Joey Wiegman		Brk temp in/out 57, 43 psi, 217 gpm																				8.00							
		Norberto M Musico		s/m walkways,jras=4 stops=2,c1 hoist																				5389.42						
		Norberto M Musico		k1 forklift,h2 casing,h13 cement																				160000.00						
		Norberto M Musico		fuel=52"=7341.5 gals																				83.00						
		drilling																												

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2012-12-14		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 7.00		PROJECTED TO 17000.00							
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 11.00		EST. RELEASE 01/05/13							
RIG MANAGER John G. Askew/ Ryan Savallo				RIG PHONE NUMBER 903-570-5141		OPERATORS REPRESENTATIVE Fred Spruiell				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler							
OPERATIONS @ REPORT TIME pressure test b.o.p's										OPERATIONS NEXT 24 HRS bleed psi pick up new bha & make up same, trip in hole											
SAFETY	ACCIDENTS OR NEAR MISSES: None						# OF JSA'S 14	RIG SAFETY DAYS 841	SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H								
	SAFETY MEETING TOPICS cementing,rig down same,forklift/manlift use,n / d stack,r/up stack jacks						# STOP CARDS 7	LAST MEETING DATE 12/10/12		CROWN-O-MATIC CHECKED 12/10/12 00:00		BOP DRILL DATE / TIME 12/08/12 12:00 - 8-15-2012 50 SEC									
	LAST INSPECTION 12/07/12		INSPECTION BY / TITLE gary wallace - rig manager		CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 152.00		BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC								
OPS	CURRENT DEPTH 5582.00	FOOTAGE LAST 24 0.00		PEN. RATE	ROT. HRS 0.00	MAX GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS									
	HOKLOAD 162000.00	PICKUP WEIGHT 160000.00		SLACKOFF 154000.00	ROTATING 162000.00	ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 9.62 5582.00				S & R	RENTAL								
MUD	Time 06:00	Mud Wt IN / OUT	Funnel Vis	PV	YLD PT	10 S GEL	10 M GEL	FI. Loss	FILT CK na	HTHP FL 0.00	HTTP FC 0	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE	1779.43	150.60					
	Mud Type no mud	% SOLIDS 1.5	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 9.00	MF 0	PF 0	CALCIUM 2180	CHLORIDES 156000	DAILY 0.00	MUD COSTS CUM. 0.00	CUMULATIVE	224207.80	18975.00					
	CENTRIFUGES N/A	SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DASH		126.00	126.00								
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE													TIME BREAKDOWN		(Today / Well)					
	06:00	07:00	1.00	12	Cement, dropped plug @ 6:30, dropped bomb @ 6:40, rig up lines to circulate										1: RIG UP / DOWN	88.00					
	07:00	11:00	4.00	5	Circulate 4 hours										2: DRILLING	83.00					
	11:00	14:00	3.00	12	Cement, dropped second plug @ 12:30, washed through stack & rigged down cmt crew										3: REAMING						
	14:00	18:00	4.00	21	Hold safety meeting,rig up stack jacks, lift stack,set slips @ 17:30 w/149k & cut casing, & remove same & set stack down finished @ 18:00 tour change. Elevator watchman (Justin Youkey)										4: CORING						
	18:00	20:00	2.00	21	Finish nipple down,pick up stack, remove 13 5/8 10m DSA to 11"5m spool										5: COND. & CIRC	4.00 8.00					
	20:00	22:00	2.00	21	Make finish cut on casing & install B-Section test to 2500 psi										6: TRIPS	12.50					
	22:00	23:30	1.50	21	Install 13 5/8 10m DSA to 9 5/8 3m spool & set down stack										7: LUBRICATE RIG	2.00					
	23:30	04:00	4.50	14	Nipple up B.O.P.'s & install koomey lines										8: REPAIR RIG	2.00					
	04:00	05:30	1.50	21	secure & center B.O.P's & install flowline										9: C/O DRILL LINE						
	05:30	06:00	0.50	15	pressure test b.o.p's										10: DEVIATION						
															11: WIRELINE LOG						
															12: RUN CSG & CMNT	4.00 24.00					
															13: WAIT ON CEMENT						
															14: NIPPLE UP BOP	4.50 15.00					
															15: TEST BOP	0.50 0.50					
															16: DRILL STEM TEST						
															17: PLUGBACK						
															18: SQUEEZE CMNT						
															19: FISHING						
															20: DIR. WORK						
															21:	11.00 29.00					
															22:						
															23:						
														Other							
														Total Hours	24.00 264.00						
BITS	BIT#		SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P						
	na													NA							
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)	
	5582.00 - 5582.00		0.00	0.00	Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	12P160	12.00	NATIONAL	24.00	1332.00	2700.00	20.00	472.00
DRILL STRG	SIZE	WEIGHT	GRADE	ID	TJ.O.D.	THREAD	#_INTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING									

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2012-12-15		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 8.00		PROJECTED TO 17000.00							
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 12.00		EST. RELEASE 01/05/13							
RIG MANAGER Ryan Savallo				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Fred Spruiell				CO. MAN PH NO 806-891-9123		RELEASE DATE / TIME		WEATHER cooler					
OPERATIONS @ REPORT TIME drill f/5899-t/7349										OPERATIONS NEXT 24 HRS drill											
SAFETY	ACCIDENTS OR NEAR MISSES: none						# OF JSA's 15	RIG SAFETY DAYS 842		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H							
	SAFETY MEETING TOPICS						# STOP CARDS 9	LAST MEETING DATE 12/10/12				CROWN-O-MATIC CHECKED 12/10/12 00:00		BOP DRILL DATE / TIME 12/08/12 12:00 - 8-15-2012 50 SEC							
	LAST INSPECTION 12/07/12		INSPECTION BY / TITLE gary wallace - rig manager		CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 152.00		BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC								
OPS	CURRENT DEPTH 7349.00	FOOTAGE LAST 24 1767.00		PEN RATE 114.00	ROT. HRS 15.50	MAX GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS									
	HOKLOAD 162000.00	PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 9.62 5582.00		S & R	RENTAL								
MUD	Time 06:00	Mud Wt IN / OUT 8.4	Funnel Vis 29	PV 0.00	YLD PT 0	10 S GEL 0	10 M GEL 0	FI. Loss 100.00	FILT CK 0	HTHP FL 0.00	HTHP FC 0	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE	1765.42	150.55					
	Mud Type no mud	% SOLIDS 1.5	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 10.00	MF 0	PF 0	CALCIUM 2180	CHLORIDES 156000	DAILY 0.00	MUD COSTS CUM. 0.00	CUMULATIVE	224207.80	19120.00					
	CENTRIFUGES N/A	SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		127.00	127.00								
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE												TIME BREAKDOWN		(Today / Well)						
	06:00	07:30	1.50	21	Change out bails & elevators, rig out floor								1: RIG UP / DOWN	88.00							
	07:30	09:00	1.50	21	Strap and caliber tools & pick up & make up bit								2: DRILLING	15.50 98.50							
	09:00	12:00	3.00	6	T.i.h to 1835 & tagged dv tool, ck c.o.m (JW) dh 100% tied off								3: REMAINING								
	12:00	12:30	0.50	2	Drill out dv tool								4: CORING								
	12:30	15:00	2.50	6	T.i.h. dh 100% tied off. tagged cement & 5513								5: COND. & CIRC	8.00							
	15:00	15:30	0.50	2	Drill out float collar & shoe								6: TRIPS	5.50 18.00							
	15:30	18:00	2.50	2	Drill -f 5582 -t 5899								7: LUBRICATE RIG	2.00							
	Elevator watchman (Justin Youkey) drill f/5899-t/7349 elevator watchman-Omar Rodriguez								8: REPAIR RIG		2.00										
									9: C/O DRILL LINE												
									10: DEVIATION												
									11: WIRELINE LOG												
									12: RUN CSG & CMNT		24.00										
									13: WAIT ON CEMENT												
									14: NIPPLE UP BOP		15.00										
									15: TEST BOP		0.50										
									16: DRILL STEM TEST												
									17: PLUGBACK												
									18: SQUEEZE CMNT												
									19: FISHING												
								20: DIR. WORK													
								21:		3.00 32.00											
								22:													
								23:													
								Other													
								Total Hours		24.00 288.00											
BITS	BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R.O.P							
	3	8.75	MM66D	Halliburton	12075017	6 x 22.00		5582.00			1767.00	15.50	15.50	good	114.00						
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR (psi/gal)	KILL (SPM)	
	Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	12P160	12.00	NATIONAL	24.00	1356.00	2700.00	20.00	472.00		
	5582.00 - 5899.00	140.00	2100.00	6.00	70.00	6.00	70.00	0.00	0.00	0.00	0.00	Pump 2	12P160	12.00	NATIONAL	24.00	1356.00	2700.00	30.00	907.00	
	5899.00 - 7349.00	360.00	2250.00	6.00	70.00	6.00	70.00	0.00	0.00	0.00	Pump 3										
											Pump 4										
DRILLSTRG	SIZE	WEIGHT	GRADE	ID	T.J.O.D.	THREAD															

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		RIG NO.		JOB TYPE		JOB NO.		WELL TYPE																													
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30		RIG NO. 215		JOB TYPE HORIZONTAL		JOB NO. 25713		WELL TYPE OIL																													
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX		JOB START DATE 12/03/12 06:00		DAYS FR SPUD 9.00		PROJECTED TD 17000.00																															
RIG MANAGER Ryan Savallo										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Fred Spruiell		CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler																															
OPERATIONS @ REPORT TIME hold safety meet,rig up and run gyro										OPERATIONS NEXT 24 HRS tripping																																															
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 15		RIG SAFETY DAYS 843		SAFETY RATE		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H																													
SAFETY MEETING TOPICS jra c4 conn.w/top drive,jra c8 conn.w/st80,jra f6 pressure washing1 forklift,c7 mix mud,c4 conn w/t,d,c8 conn w/t,r										# STOP CARDS 4										LAST MEETING DATE 12/10/12		CROWN-O-MATIC CHECKED 12/10/12 00:00		BOP DRILL DATE / TIME 12/08/12 12:00 - 8-15-2012 50 SEC																																	
LAST INSPECTION 12/07/12										INSPECTION BY / TITLE gary wallace - rig manager										CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 152.00		BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC																													
OPS										CURRENT DEPTH 9400.00										FOOTAGE LAST 24 2051.00		PEN RATE 128.19		ROT. HRS 16.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS																					
										HOOKLOAD 162000.00										PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH				DAILY		S & R		RENTAL																					
MUD										Time										Mud Wt IN / OUT 06:00 8.4		Funnel Vis 37		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1789.46		150.51											
										Mud Type no mud										% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 9.50		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS		CUMULATIVE		229050.81		19265.00									
										CENTRIFUGES N/A										SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		128.00		128.00																									
TIME LOG										FROM										TO		HRS		CODE		DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)																			
										06:00		17:00		11.00		2		Drill -f 7349 -f 8895										1: RIG UP / DOWN		88.00																											
										17:00		17:30		0.50		7		Rig service, work manual ibop, manrider working & stored @ crown										2: DRILLING		16.00		114.50																									
										17:30		18:00		0.50		2		Drill -f 8895 -f 8943										3: REAMING																													
										18:00		22:30		4.50		2		drill f/8943-t/9400										4: CORING																													
										22:30		02:00		3.50		5		condition mud & circulate										5: COND. & CIRC		3.50		11.50																									
										02:00		06:00		4.00		11		hold safety meet,rig up and run gyro										6: TRIPS				18.00																									
																				elevator watchma-Omar Rodriguez										7: LUBRICATE RIG		0.50		2.50																							
																														8: REPAIR RIG		2.00																									
																														9: C/O DRILL LINE																											
																														10: DEVIATION																											
																														11: WIRELINE LOG		4.00		4.00																							
																														12: RUN CSG & CMNT				24.00																							
																														13: WAIT ON CEMENT																											
																														14: NIPPLE UP BOP				15.00																							
																														15: TEST BOP				0.50																							
																														16: DRILL STEM TEST																											
																														17: PLUGBACK																											
																														18: SQUEEZE CMNT																											
																														19: FISHING																											
																														20: DIR. WORK																											
																														21:				32.00																							
																														22:																											
																														23:																											
																														Other																											
																														Total Hours		24.00		312.00																							
BITS										BIT#										SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P															
										3		8.75		MM66D		Halliburton		12075017		6 x 22.00		5582.00		9400.00		3818.00		27.00		42.50		good		89.84																							
PUMPS										Depth										GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL RATIO		KILL (SPM)											
										7349.00 - 8943.00		140.00		2700.00		6.00		70.00		6.00		70.00		0.00		0.00		0.00		0.00		12P160		12.00		NATIONAL		24.00		1380.00		2700.00		20.00		472.00											
										8943.00 - 9400.00		360.00		2589.00		6.00		70.00		6.00		70.00		0.00		0.00		0.00		0.00		Pump 3																									
DRILL STRG										SIZE										WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS																	
										4.50		20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE																									
										3.50		13.30		S135				4.75		NC 38 (IF)		546				546		0		0																											
ENGINES										LOCATION										GEN 1		GEN2		GEN3		CMP		HPU		NO.										DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS									
										Co. No.		3512		3512		3512		3306		DEUT		1										BIT								DEPTH		INCL		AZM													
										HRS TODAY		24.00		24.00		0.00		0.00		24.00		1										MOTOR								8565.00		1.10		0.00													
										HRS ON WELL		130.00		207.00		96.00		78.00		119.00		1										FLOWDRIFT								8018.00		1.10		0.00													
										HRS LAST CHGE		130.00		183.00		623.00		78.00		0760.00		1										3PT REAMER								7518.00		1.00		0.00													
										AVERAGE KVA		0.00		0.00		0.00		0.00		0.00		1										6.5 D.C								7040.00		0.80															
																				1										3PT REAMER								6563.00		0.50																	
																				17										6.5 D.C								6054.00		0.50																	
																																						0.00		0.00		0.00															
																																						5462.00		0.90																	
																																						4893.00		1.10																	
																																						4377.00		1.00		0.00															
																																						3847.00		0.70		0.00															
																																						3377.00		0.40																	
																																						2925.00		0.50		0.00															
																																						2425.00		0.90		0.00															
																																						1944.00		0.70		0.00															
																																						1466.00		0.40																	
																																						895.00		0.50																	

PATTERSON-UTI DRILLING COMPANY														MORNING REPORT										DATE		2012-12-17		RIG NO		215		JOB TYPE		HORIZONTAL		JOB NO		25713		WELL TYPE		OIL	
WELLNAME University 6-23 Unit 2H														LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 10.00				PROJECTED TO 17000.00											
OPERATOR W&T OFFSHORE, INC.														COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 14.00				EST. RELEASE 01/05/13															
RIG MANAGER Ryan Savallo				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Fred Spruiell				CO. MAN PH NO. 806-891-9123				RELEASE DATE / TIME				WEATHER cooler																							
OPERATIONS @ REPORT TIME pick up hwdp&rent pipe														OPERATIONS NEXT 24 HRS tripping																													
SAFETY ACCIDENTS OR NEAR MISSES: none														# OF JSA's 9		RIG SAFETY DAYS 844		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H																			
SAFETY MEETING TOPICS -11 run gyro, e-24 t.o.o.h, c-13 pull & set slipss/m walkways,jras=3 stops=2,c1 hoist,h7 log														# STOP CARDS 5		LAST MEETING DATE 12/10/12				CROWN-O-MATIC CHECKED 12/10/12 00:00				BOP DRILL DATE / TIME 12/08/12 12:00 - 8-15-2012 50 SEC																			
LAST INSPECTION 12/07/12				INSPECTION BY / TITLE gary wallace - rig manager				CREW M / U 5/5				EXTRA CREWS / WHY?				OFFICE NOTIFIED No		MANHOURS PAST 24 149.00				BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC																					
OPS CURRENT DEPTH 9400.00														FOOTAGE LAST 24 0.00		PEN. RATE		ROT. HRS 0.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.62 425.00				RIG COSTS											
HOOKLOAD 162000.00				PICKUP WEIGHT 160000.00				SLACKOFF 154000.00				ROTATING 162000.00				ROTARY TORQUE 6.00 - 9.00				NEXT CASING SIZE & SET DEPTH				S & R		RENTAL																	
MUD Time 06:00														Mud Wt IN / OUT 8.4		Funnel Vis 29		PV		YLD PT 10 S GEL		10 M GEL		FI. Loss		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00				AVERAGE		1807.02		150.47			
Mud Type no mud				% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 9.50		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUM. 0.00		CUMULATIVE 233105.46		19410.00													
CENTRIFUGES N/A				SHAKER TYPE N/A				SCREENS N/A				CHANGED No				WATER SOURCE 0				CUMULATIVE DAYS 129.00		129.00																					
TIME LOG DETAILS OF OPERATIONS IN SEQUENCE														TIME BREAKDOWN (Today / Well)																													
06:00 08:00 2.00 11 Wireline with gyro & rig down wireline														1: RIG UP / DOWN 88.00																													
08:00 09:30 1.50 5 Circulate bottoms up														2: DRILLING 114.50																													
09:30 14:00 4.50 6 T.o.o.h, dh 100% tied off, ck com (JW)														3: REAMING																													
14:00 17:00 3.00 6 Lay down collars														4: CORING																													
17:00 18:00 1.00 11 Hold safety meeting, rig up wireline truck & wireline														5: COND. & CIRC 1.50 13.00																													
Elevator watchman (Justin Youkey)														6: TRIPS 14.00 32.00																													
18:00 23:30 5.50 11 run wireline log														7: LUBRICATE RIG 2.50																													
23:30 06:00 6.50 6 pick up hwdp&rent pipe														8: REPAIR RIG 2.00																													
elevator watchman-Omar Rodriguez														9: C/O DRILL LINE																													
														10: DEVIATION																													
														11: WIRELINE LOG 8.50 12.50																													
														12: RUN CSG & CMNT 24.00																													
														13: WAIT ON CEMENT																													
														14: NIPPLE UP BOP 15.00																													
														15: TEST BOP 0.50																													
														16: DRILL STEM TEST																													
														17: PLUGBACK																													
														18: SQUEEZE CMNT																													
														19: FISHING																													
														20: DIR. WORK																													
														21: 32.00																													
														22:																													
														23:																													
														Other																													
														Total Hours 24.00 336.00																													
BITS BIT# SIZE TYPE MAKE SERIAL # NOZZLES IN @ OUT @ DRILLED HRS CUM. HRS CONDITION R O P																																											
PUMPS Depth GPM PRESSURE Pump 1 Liner SPM Pump 2 Liner SPM Pump 3 Liner SPM Pump 4 Liner SPM TYPE STROKE Manufacturer HRS Total HRS MAX PSI SPR Kill 20min KILL (SPM)																																											
9400.00 - 9400.00 0.00 0.00 6.00 0.00 6.00 0.00 0.00 0.00 0.00 0.00 Pump 1 12P160 12.00 NATIONAL 24.00 1404.00 2700.00 20.00 472.00																																											
9400.00 - 9400.00 0.00 0.00 6.00 0.00 6.00 0.00 0.00 0.00 0.00 0.00 Pump 2 12P160 12.00 NATIONAL 24.00 1404.00 2700.00 30.00 907.00																																											
Pump 3																																											
Pump 4																																											
DRILL STRING REMARKS																																											
SIZE WEIGHT GRADE ID T.J.O.D. THREAD # INTS LENGTH IN HOLE ON RACK REPAIRS																																											
4.50 20.00 S135 3.64 6.25 NC 46 (EH) 350 11000.00 153 197 0 NONE																																											
3.50 13.30 S135 4.75 NC 38 (IF) 546 546 0 0																																											
ENGINES LOCATION GEN 1 GEN2 GEN3 CMP HPU NO. DRILLING ASSEMBLY (BHA) O.D. I.D. LENGTH DEVIATION SURVEYS																																											
Co. No. 3512 3512 3512 3306 DEUT																																											
HRS TODAY 24.00 12.00 0.00 0.00 24.00																																											
HRS ON WELL 154.00 219.00 96.00 78.00 143.00																																											
HRS LAST CHGE 154.00 195.00 623.00 78.00 784.00																																											
AVERAGE KVA 0.00 0.00 0.00 0.00 0.00																																											
RIG FUEL DELIVERED TODAY On Hand 3134.30 TODAY 0.00 FUEL USED 0.00																																											
Used Today 649.40 WELL 0.00 0																																											

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE																						
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23, BLK 6, UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 11.00		PROJECTED TD 17000.00																						
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews		STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 15.00		EST. RELEASE 01/05/13																						
RIG MANAGER Ryan Savallo				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Fred Spruiell		CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler																										
OPERATIONS @ REPORT TIME drill f/9564-t/9579										OPERATIONS NEXT 24 HRS drill																														
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 12		RIG SAFETY DAYS 845		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H																					
	SAFETY MEETING TOPICS e-18 pick up tools off catwalk, e-23 t.i.h, c-1 hoist operations c7 mix mus, c13 slips, e23 t.i.h, c-4 conn w/td, c4 conn w/ir										# STOP CARDS 6		LAST MEETING DATE 12/10/12		CROWN-O-MATIC CHECKED 12/10/12 00:00		BOP DRILL DATE / TIME 12/08/12 12:00 - 8-15-2012 50 SEC																							
	LAST INSPECTION 12/07/12				INSPECTION BY / TITLE gary wallace - rig manager				CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 149.00		BOP DRILL DATE / TIME 12/08/12 18:22 - 8-15-2012 45 SEC																							
OPS	CURRENT DEPTH 9579.00		FOOTAGE LAST 24 179.00		PEN. RATE 21.06		ROT. HRS 8.50		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS																					
	HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH						DAILY		S & R RENTAL																					
MUD	Time		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		FI. Loss		FILT CK		HTHP FL		HTHP FC		FUEL ADDED TO MUD		AVERAGE		1793.12		150.42											
	06:00		8.4		40		0.00		0		0		0		0.00		0		0.00		0		TODAY 0.00		CUM. 0.00		CUMULATIVE		233105.46		19555.00									
	Mud Type		% SOLIDS		% LCM		% SAND		% OIL		% H2O		pH		MF		PF		CALCIUM		CHLORIDES		MUD COSTS		CUM. 0.00		CUMULATIVE		130.00		130.00									
	CENTRIFUGES		N/A		N/A		SHAKER TYPE		N/A		N/A		SCREENS		N/A		CHANGED		No		WATER SOURCE		0		CUMULATIVE DAYS		130.00		130.00											
TIME LOG	FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)																	
	06:00 11:00 5.00 6										Pick up rental pipe & hwdp, stand back in derrick, dh 100% tied off, ck c.o.m										1: RIG UP / DOWN		88.00																	
	11:00 16:00 5.00 20										Pick up directional tools, load mwd, scribe & down load tool, make up bit										2: DRILLING		8.50 123.00																	
	16:00 18:00 2.00 6										T.i.h, dh 100% tied off, ck c.o.m (JW)										3: REAMING																			
											Elevator watchman (Justin Youkey)										4: CORING																			
	18:00 21:30 3.50 6										t.i.h c-c-o-m d-man 100% tied off (nm)										5: COND. & CIRC		13.00																	
	21:30 03:30 6.00 2										slide f/9400-t/9500 tf/165 m										6: TRIPS		10.50 42.50																	
	03:30 04:00 0.50 2										drill f/9500-t/9505										7: LUBRICATE RIG		2.50																	
	04:00 04:30 0.50 2										slide f/9505-t/9532 tf/170 m										8: REPAIR RIG		2.00																	
	04:30 05:00 0.50 2										drill f/9532-t/9540										9: C/O DRILL LINE																			
	05:00 05:30 0.50 2										slide f/9540-t/9564 tf/180 m										10: DEVIATION																			
	05:30 06:00 0.50 2										drill f/9564-t/9579										11: WIRELINE LOG		12.50																	
											elevator watchman-Omar Rodriguez										12: RUN CSG & CMNT		24.00																	
																					13: WAIT ON CEMENT		15.00																	
																					14: NIPPLE UP BOP		0.50																	
																					15: TEST BOP																			
																					16: DRILL STEM TEST																			
																					17: PLUGBACK																			
																					18: SQUEEZE CMNT																			
																					19: FISHING																			
																					20: DIR. WORK		5.00 5.00																	
																					21:		32.00																	
																					22:																			
																					23:																			
																				Other																				
																				Total Hours		24.00 360.00																		
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P															
	4		8.75		FXD55M		Halliburton		12009122		5 x 22.00		9400.00				179.00		8.50		8.50				21.06															
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL RATIO		KILL (SPM)											
	9400.00 - 9400.00		0.00		0.00		6.00 0.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 1		12P160		12.00 NATIONAL		24.00		1428.00		2700.00		20.00		472.00											
	9400.00 - 9579.00		140.00		2250.00		6.00 70.00		6.00 70.00		0.00 0.00		0.00 0.00		Pump 2		12P160		12.00 NATIONAL		24.00		1428.00		2700.00		30.00		907.00											
DRILL STRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS																	
	4.50		20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE																	
	3.50		13.30		S135				4.75		NC 38 (IF)		546				546		0		0																			
ENGINES	LOCATION		GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEPTH		INCL		AZM													
	Co. No.		3512		3512		3512		3306		DEUT		1		BIT						0.90		9482.00		9.41		156.36													
	HRS TODAY		24.00		0.00		24.00		0.00		24.00		1		MOTOR						28.91		9450.00		6.24		160.58													
RIG FUEL	DELIVERED TODAY		7050.00		TODAY		HOURS		FUEL USED		1		X.O.								2.16		8565.00		1.10		0.00													
	On Hand		9024.00		WELL		0.00		0.00		36		FLEX COLLAR								27.42		8018.00		1.10		0.00													
	Used Today		1160.30		BOILER #		0		BLOWDOWN VOLUMES		42		H.W.D.P.								1142.42		7518.00		1.00		0.00													
MUD MTR	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE		73		DRILL PIPE		STANDS		SINGLES		6942.68		take 349 to patricia turn																	
	1244		77.50		77.50		5157.00						2		KELLY DOWN						63.64		west on hiway 115 go 16.3																	
													TOTAL								9579.30		miles to location rd on																	
RENTAL ITEMS	DESCRIPTION		DAY RT		STDBY		HRLY		WT of COLLARS / DRILLSTRING		206000.00		HOURS SINCE LAST INSPECTION		123.00		DEPTHS DRILLED		FROM TO CODE RPM W.O.B.		9400.00 9400.00		0.00		0.00															
																					9400.00 9579.00		35.00		20.00															
REPORT REMARKS	Joey Wiegman										s/m scaffolding, 6 jra's, 4 stops										FROM TO CODE RPM W.O.B.																			
	Joey Wiegman										e-18 pick up tools off catwalk, e-23 t.i.h, c-1 hoist operations										9400.00 9400.00										0.00 0.00									
	Joey Wiegman										brk temp in/out, 61. 43 psi, 223 gpm										9400.00 9579.00										35.00 20.00									
Norberto M Musico										s/m walkways, jras=6 stops=2, c1 hoist, k1 forklift																														
Norberto M Musico										c7 mix mus, c13 slips, e23 t.i.h, c-4 conn w/td, c4 conn w/ir																														
Norberto M Musico										p/u 202 s/o 183 r/w 198																														
Norberto M Musico										fuel=61"=9024.8 gals																														
drilling																																								

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-19		RIG NO		215		JOB TYPE		HORIZONTAL		JOB NO		25713		WELL TYPE		OIL	
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 12.00				PROJECTED TD 17000.00											
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews				STATE TX				JOB START DATE 12/03/12 06:00				DAYS ON JOB 16.00				EST. RELEASE 01/05/13													
RIG MANAGER Ryan Savallo										RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Fred Spruiell				CO. MAN PH NO 806-891-9123				RELEASE DATE / TIME				WEATHER cooler													
OPERATIONS @ REPORT TIME slide f/9837-t/10150 tf/10 r										OPERATIONS NEXT 24 HRS drill																													
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 12		RIG SAFETY DAYS 846		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H									
SAFETY										SAFETY MEETING TOPICS c13 pull and set slips, c4 conn. with top drive, k1 forklift-c4 conn w/td,c8 conn w/id,k1 forklift										# STOP CARDS 9		LAST MEETING DATE 12/18/12				CROWN-O-MATIC CHECKED 12/18/12 00:00				BOP DRILL DATE / TIME 12/18/12 01:00 - 51sec									
SAFETY										LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/5		EXTRA CREWS / WHY?				OFFICE NOTIFIED No		MANHOURS PAST 24 149.00				BOP DRILL DATE / TIME 12/18/12 19:20 - 8-15-2012 45 SEC									
OPS										CURRENT DEPTH 10150.00		FOOTAGE LAST 24 571.00		PEN RATE 24.30		ROT. HRS 23.50		MAX GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS											
OPS										HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH						S & R		RENTAL											
MUD										Time 06:00		Mud Wt IN / OUT 8.6		Funnel Vis 38		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE 1809.26		150.38			
MUD										Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 10.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUM. 0.00		CUMULATIVE 237013.50		19700.00	
MUD										CENTRIFUGES N/A		SHAKER TYPE N/A												SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		131.00		131.00					
TIME LOG										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)									
TIME LOG										06:00		07:30		1.50		2		Drill -f/ 9579 -f/ 9636										1: RIG UP / DOWN		88.00									
TIME LOG										07:30		09:00		1.50		2		Slide -f/ 9636-f/ 9662										2: DRILLING		23.50 146.50									
TIME LOG										09:00		09:30		0.50		2		Drill -f/ 9662 -f/ 9674										3: REAMING											
TIME LOG										09:30		10:00		0.50		2		Slide -f/ 9674 -f/ 9690										4: CORING											
TIME LOG										10:00		10:30		0.50		7		Rig service, manrider working & stored @ crown adjust stand jup										5: COND. & CIRC		13.00									
TIME LOG										10:30		11:00		0.50		2		Drill -f/ 9690 -f/ 9700										6: TRIPS		42.50									
TIME LOG										11:00		12:30		1.50		2		Slide -f/ 9700 -f/ 9724										7: LUBRICATE RIG		0.50 3.00									
TIME LOG										12:30		14:30		2.00		2		Drill -f/ 9724 -f/ 9734, slide -f/ 9734 -f/ 9756										8: REPAIR RIG		2.00									
TIME LOG										14:30		18:00		3.50		2		Drill -f/ 9756 -f/ 9761, slide -f/ 9761 -f/ 9837										9: C/O DRILL LINE											
TIME LOG										Held B.O.P drill										10: DEVIATION																			
TIME LOG										Elevator watchman (Justin Youkey)										11: WIRELINE LOG										12.50									
TIME LOG										18:00		06:00		12.00		2		slide f/9837-t/10150 tf/10 r										12: RUN CSG & CMNT		24.00									
TIME LOG										elevator watchman-Omar Rodriguez										13: WAIT ON CEMENT																			
TIME LOG																				14: NIPPLE UP BOP										15.00									
TIME LOG																				15: TEST BOP										0.50									
TIME LOG																				16: DRILL STEM TEST																			
TIME LOG																				17: PLUGBACK																			
TIME LOG																				18: SQUEEZE CMNT																			
TIME LOG																				19: FISHING																			
TIME LOG																				20: DIR. WORK										5.00									
TIME LOG																				21:										32.00									
TIME LOG																				22:																			
TIME LOG																				23:																			
TIME LOG																				Other																			
TIME LOG																																							

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		RIG NO.		JOB TYPE		JOB NO.		WELL TYPE																			
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 13.00		PROJECTED TD 17000.00																							
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 17.00		EST. RELEASE 01/05/13																					
RIG MANAGER Ryan Savallo										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Fred Spruiell		CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler																					
OPERATIONS @ REPORT TIME l/d 4 1/2 dp										OPERATIONS NEXT 24 HRS pick up pipe																																					
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 12		RIG SAFETY DAYS 847		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H																			
SAFETY MEETING TOPICS JRA'S-(9) C-1,Hoist ops C-13,Set and pull slips										# STOP CARDS 3										LAST MEETING DATE 12/18/12		CROWN-O-MATIC CHECKED 12/18/12 00:00		BOP DRILL DATE / TIME 12/18/12 01:00 - 51sec																							
LAST INSPECTION 12/18/12										INSPECTION BY / TITLE Ryan Savallo - rig manager										CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 167.00		BOP DRILL DATE / TIME 12/18/12 19:20 - 8-15-2012 45 SEC																			
OPS										CURRENT DEPTH 10357.00										FOOTAGE LAST 24 207.00		PEN RATE 25.87		ROT. HRS 8.00		MAX GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 13.62 425.00		RIG COSTS											
										HOOKLOAD 162000.00										PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH		S & R		RENTAL															
MUD										Time 06:00										Mud Wt 8.7		IN / OUT 40		Funnel Vis 0.00		PV 0		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE 1811.64		150.34	
										Mud Type no mud										% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 10.00		pH 0		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUM. 0.00		CUMULATIVE 239136.31		19845.00	
										CENTRIFUGES N/A										SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		132.00		132.00															
TIME LOG										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)																	
										06:00 14:00 8.00 2 Slide F/10150 TD/ 10315										1: RIG UP / DOWN										88.00																	
										14:00 14:30 0.50 7 Lubriate rig,manrider working stored at crown,manual IBOP o.k. serv.catwalk										2: DRILLING										8.00 154.50																	
										14:30 15:30 1.00 5 Condition mud and circulate										3: REAMING																											
										15:30 16:30 1.00 6 Pull 10 stand / Lay down drill pipe										4: CORING																											
										16:30 17:00 0.50 8 pipe wrangler rollers got off track,had to take the back two roller off to adjust the trough to get it back in guide plates										5: COND. & CIRC										1.00 14.00																	
										17:00 18:00 1.00 6 lay down drill pipe										6: TRIPS										14.00 56.50																	
																				7: LUBRICATE RIG										0.50 3.50																	
																				8: REPAIR RIG										0.50 2.50																	
																				9: C/O DRILL LINE																											
																				10: DEVIATION																											
																				11: WIRELINE LOG										12.50																	
																				12: RUN CSG & CMNT										24.00																	
																				13: WAIT ON CEMENT																											
																				14: NIPPLE UP BOP										15.00																	
																				15: TEST BOP										0.50																	
																				16: DRILL STEM TEST																											
																				17: PLUGBACK																											
																				18: SQUEEZE CMNT																											
																				19: FISHING																											
																				20: DIR. WORK										5.00																	
																				21:										32.00																	
																				22:																											
																				23:																											
																				Other																											
																				Total Hours										24.00 408.00																	
BITS										BIT#										SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P					
										4										8.75		FXD55M		Halliburton		12009122		5 x 22.00		9400.00		10357.00		957.00		39.00		79.50		fare		12.04					
PUMPS										Depth										GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total Hrs		MAX PSI		SPR (W/ 240)			

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT					DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE													
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY					SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 14.00		PROJECTED TD 17000.00													
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews					STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 18.00		EST. RELEASE 01/05/13											
RIG MANAGER Ryan Savallo					RIG PHONE NUMBER 903-570-5141					OPERATORS REPRESENTATIVE Fred Spruiell					CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler													
OPERATIONS @ REPORT TIME NIPPLE DOWN B.O.P.										OPERATIONS NEXT 24 HRS nipple up																						
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 7		RIG SAFETY DAYS 848		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/08/12 250 LOW 1000 H													
	SAFETY MEETING TOPICS C13 pull and set slips, D14 general cleaning, E24 trip out of hole/JRAS8-C1 air hoist opp, C8 connection with st80										# STOP CARDS 4		LAST MEETING DATE 12/18/12		CROWN-O-MATIC CHECKED 12/18/12 00:00		BOP DRILL DATE / TIME 12/18/12 01:00 - 51sec															
	LAST INSPECTION 12/18/12					INSPECTION BY / TITLE Ryan Savallo - rig manager					CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 161.50		BOP DRILL DATE / TIME 12/18/12 19:20 - 8-15-2012 45 SEC													
OPS	CURRENT DEPTH 10357.00		FOOTAGE LAST 24 0.00		PEN. RATE		ROT. HRS 0.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS													
	HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH						DAILY		S & R RENTAL													
MUD	Time		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		FI. Loss		FILT CK		HTHP FL		HTHP FC		FUEL ADDED TO MUD		AVERAGE		1798.02		150.30			
	06:00		8.7		40		0.00		0		0		0		0.00		0		0.00		0		TODAY 0.00		CUM. 0.00		CUMULATIVE		239136.31		19990.00	
	Mud Type		% SOLIDS		% LCM		% SAND		% OIL		% H2O		pH		MF		PF		CALCIUM		CHLORIDES		DAILY 0.00		CUM. 0.00		CUMULATIVE		133.00		133.00	
	CENTRIFUGES		N/A		SHAKER TYPE		N/A		SCREENS		N/A		CHANGED		No		WATER SOURCE		0		CUMULATIVE		DAYS									
TIME LOG	FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)									
	06:00 08:00 2.00 6										Lay down drill pipe and dir tools										1: RIG UP / DOWN		88.00									
	08:00 10:00 2.00 21										Change out elevator and bells rig up casing crew make up CRT tool										2: DRILLING		154.50									
	10:00 18:00 8.00 12										Run casing										3: REAMING											
											Elevator Watch Man (Colten Herman)										4: CORING											
											C.O.M. Check o.k.										5: COND. & CIRC		1.00 15.00									
											B.O.P drill 58 sec										6: TRIPS		2.00 58.50									
	18:00 22:30 4.50 12										RUN CASING										7: LUBRICATE RIG		3.50									
	22:30 23:30 1.00 12										rig down casing crew										8: REPAIR RIG		2.50									
	23:30 00:30 1.00 5										CONDITION MUD & CIRCULATE and rig up otx										9: C/O DRILL LINE											
	00:30 04:00 3.50 12										CEMENT										10: DEVIATION											
	04:00 04:30 0.50 12										RIG DOWN CEMENTERS										11: WIRELINE LOG		12.50									
	04:30 06:00 1.50 14										NIPPLE DOWN B.O.P.										12: RUN CSG & CMNT		17.50 41.50									
											AD- EDWARD DELEON 10/23/12										13: WAIT ON CEMENT											
																					14: NIPPLE UP BOP		1.50 16.50									
																					15: TEST BOP		0.50									
																					16: DRILL STEM TEST											
																					17: PLUGBACK											
																					18: SQUEEZE CMNT											
																					19: FISHING											
																					20: DIR. WORK		5.00									
																					21:		2.00 34.00									
																					22:											
																					23:											
																				Other												
																				Total Hours		24.00 432.00										
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P							
	4		8.75		FXD55M		Halliburton		12009122		5 x 22.00		9400.00		10357.00		957.00		39.00		118.50		fare		8.08							
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL (SPM)					
	-		0.00		0.00		6.00		0.00		6.00		0.00		0.00		12P160		12.00		NATIONAL		24.00		1500.00		2700.00		20.00 472.00			
	10357.00 - 10357.00		0.00		0.00		6.00		0.00		6.00		0.00		0.00		0.00		12P160		12.00		NATIONAL		24.00		1500.00		2700.00		30.00 907.00	
DRILLSTRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS									
	4.50		20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE									
	3.50		13.30		S135				4.75		NC 38 (IF)		546				546		0		0											
ENGINES	LOCATION		GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS									
	Co. No.		3512		3512		3512		3306		DEUT		0		NA								DEPTH INCL AZM									
	HRS TODAY		24.00		0.00		24.00		0.00		24.00												10180.00 68.59 167.53									
RIG FUEL	DELIVERED TODAY		On Hand		5513.00		TODAY		HOURS		FUEL USED												10116.00 61.47 167.53									
	Used Today		722.00				WELL		0.00		0.00												10211.00 72.98 167.79									
	Used This Well		18354.00				BOILER #		0														10211.00 72.98 167.79									
MUD MTR	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE												10148.00 65.25 167.35									
	1244				77.50		77.50				5157.00												10084.00 57.07 167.53									
																							9957.00 46.87 165.94									
RENTAL ITEMS	DESCRIPTION		DAY RT		STDBY		HRLY																9925.00 46.87 164.18									
																							9894.00 37.55 164.18									
																							9862.00 34.38 163.31									
REPORT REMARKS	Zachary Ryan Savallo		JRAS8-C1 air hoist opp, C8 connection with st80,																				9831.00 30.95 160.76									
	Zachary Ryan Savallo		C13 pull and set slips, D14 general cleaning, E24 trip out of hole																				9799.00 27.26 160.23									
	Zachary Ryan Savallo		K1 forklift operation, K3 place equip on catwalk with forklift,																				9703.00 18.29 157.15									
		rig up casing crew, run casing in hole																				9608.00 13.63 149.16										
		PRE TOUR- OVER HEAD HAZARD																				9514.00 12.05 152.32										
		JRAS-3 STOPS-2 FUEL= 42"-5513 GALS.																				9482.00 9.41 156.36										
drilling																						9450.00 6.24 160.58										
																						9418.00 2.64 175.26										
																						0.00 0.00 0.00										
																						DIRECTIONS TO										
																						take 349 to patricia turn										
																						west on hiway 115 go 16.3										
																						miles to location rd on										
																						right go to first rd to left										
																						follow road 1.5 miles to										
																						location										
																						DEPTH DRILLED										
																						FROM TO CODE RPM W.O.B.										
																						10357.00 10357.00										
																						CORE 0.00 0.00										
																						0.00 0.00										

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-23		RIG NO.		215		JOB TYPE		HORIZONTAL		JOB NO.		25713		WELL TYPE		OIL																																																																																																															
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23.BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30										DAYS FR SPUD 16.00										PROJECTED TD 17000.00																																																																																																													
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX										JOB START DATE 12/03/12 06:00										DAYS ON JOB 20.00										EST. RELEASE 01/05/13																																																																																																			
RIG MANAGER Ryan Savallo										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Fred Spruiell										CO. MAN PH NO. 806-891-9123										RELEASE DATE / TIME										WEATHER cooler																																																																																																			
OPERATIONS @ REPORT TIME drill f/ 10360 t/ 10494										OPERATIONS NEXT 24 HRS drill																																																																																																																																											
ACCIDENTS OR NEAR MISSES: none										# OF JSA's 6										RIG SAFETY DAYS 850										SAFETY RATE 0.00										G.P.S. COORDINATES N 32.4799 W -102.284										BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																																																																																																			
SAFETY MEETING TOPICS Jras 3 C1- Hoist Operation K1- Forklift Operation										# STOP CARDS 2										LAST MEETING DATE 12/18/12										CROWN-O-MATIC CHECKED 12/18/12 00:00										BOP DRILL DATE / TIME 12/22/12 15:55 - 53sec																																																																																																													
LAST INSPECTION 12/18/12										INSPECTION BY / TITLE Ryan Savallo - rig manager										CREW M / U 5/5										EXTRA CREWS / WHY?										OFFICE NOTIFIED No										MANHOURS PAST 24 161.50										BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC																																																																																									
CURRENT DEPTH 10494.00										FOOTAGE LAST 24 137.00										PEN. RATE 19.57										ROT. HRS 7.00										MAX. GAS 0.00										BCKGR GAS 0										CONN. GAS 0										TRIP GAS 0										LAST CASING SIZE & SET DEPTH 7.62 10346.00										RIG COSTS																																																											
HOOKLOAD 162000.00										PICKUP WEIGHT 160000.00										SLACKOFF 154000.00										ROTATING 162000.00										ROTARY TORQUE 6.00 - 9.00										NEXT CASING SIZE & SET DEPTH										S & R										RENTAL																																																																															
Time 06:00										Mud Wt IN / OUT 8.6										Funnel Vis 36										PV 0.00										YLD PT 0										10 S GEL 00										10 M GEL 0										FI. Loss 0.00										FILT CK 0										HTHP FL 0.00										HTHP FC 0										FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00										AVERAGE										1790.45										150.22									
Mud Type no mud										% SOLIDS 1.5										% LCM 0										% SAND 0										% OIL 0										% H2O 10.00										pH 0										MF 0										PF 0										CALCIUM 2180										CHLORIDES 156000										DAILY 0.00 CUM. 0.00										MUD COSTS CUMULATIVE 241710.70										20280.00																			
CENTRIFUGES N/A										SHAKER TYPE N/A										SCREENS N/A										CHANGED No										WATER SOURCE 0										CUMULATIVE DAYS 135.00										135.00																																																																																									
FROM										TO										HRS										CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)																																																																																									
06:00										18:00										12.00										6										Pick up 3 1/2 drill pipe										1: RIG UP / DOWN										88.00																																																																																									
																																								Elevator Watch Man (Colten Herman)										2: DRILLING										7.00										161.50																																																																															
																																								C.O.M. check o.k.										3: REAMING																																																																																																			
																																								Trip drill 53 sec										4: CORING																																																																																																			
18:00										20:00										2.00										6										P/U 3 1/2 DP										5: COND. & CIRC										15.00																																																																																									
20:00										21:30										1.50										21										count dp on location										6: TRIPS										14.00										75.00																																																																															
21:30										23:30										2.00										2										Drill out float and shoe and drill f/10298 t/ 10340										7: LUBRICATE RIG										3.50																																																																																									
23:30										01:00										1.50										20										slide f/ 10340 t/ 10360										8: REPAIR RIG										2.50																																																																																									
01:00										06:00										5.00										2										drill f/ 10360 t/ 10494										9: C/O DRILL LINE																																																																																																			
																																																		10: DEVIATION																																																																																																			
																																																		11: WIRELINE LOG																				12.50																																																																															
																																																		12: RUN CSG & CMNT																				41.50																																																																															
																																																		13: WAIT ON CEMENT																																																																																																			
																																																		14: NIPPLE UP BOP																				28.50																																																																															
																																																		15: TEST BOP																				0.50																																																																															
																																																		16: DRILL STEM TEST																																																																																																			
																																																		17: PLUGBACK																																																																																																			
																																																		18: SQUEEZE CMNT																																																																																																			
																																																		19: FISHING																																																																																																			
																																																		20: DIR. WORK										1.50										10.50																																																																															
																																																		21:										1.50										41.00																																																																															
																																																		22:																																																																																																			

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2012-12-24		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY								SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 17.00		PROJECTED TO 17000.00			
OPERATOR W&T OFFSHORE, INC.				COUNTRY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 21.00		EST. RELEASE 01/05/13					
RIG MANAGER Ryan Savallo				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Fred Spruiell				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler					
OPERATIONS @ REPORT TIME slide f 11352/ t/ 11362										OPERATIONS NEXT 24 HRS drill											
SAFETY	ACCIDENTS OR NEAR MISSES: none								# OF JSA's 11	RIG SAFETY DAYS 851		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H					
	SAFETY MEETING TOPICS C-8,ST-80 C-7,Mixing Mud, C-13,Slips C-14,Check C.O.M-D-28,ST-80 Dies Replacement K-1,Forklift ops								# STOP CARDS 4	LAST MEETING DATE 12/23/12		CROWN-O-MATIC CHECKED 12/23/12 00:00		BOP DRILL DATE / TIME 12/22/12 15:55 - 53sec							
	LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 161.50		BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC				
OPS	CURRENT DEPTH 11362.00	FOOTAGE LAST 24 868.00		PEN RATE 43.40	ROT. HRS 20.00	MAX GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 7.62 10346.00											
	HOKLOAD 162000.00	PICKUP WEIGHT 160000.00		SLACKOFF 154000.00	ROTATING 162000.00	ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH													
MUD	Time 06:00		Mud Wt IN / OUT 8.7	Funnel Vis 36	PV	YLD PT	10 S GEL	10 M GEL	FI. Loss	FILT CK	HTHP FL	HTHP FC	FUEL ADDED TO MUD Today 0.00 CUM. 0.00		AVERAGE	1777.28	150.18				
	Mud Type no mud		% SOLIDS 1.5	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 11.00	MF 0	PF 0	CALCIUM 2180	CHLORIDES 156000	DAILY 0.00	MUD COSTS CUM. 0.00	CUMULATIVE	241710.70	20425.00				
	CENTRIFUGES N/A				SHAKER TYPE N/A				SCREENS N/A				CHANGED No	WATER SOURCE 0	CUMULATIVE Days	136.00	136.00				
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE																				
	06:00	07:00	1.00	20	Drill F/10494 T/10595													1: RIG UP / DOWN		88.00	
	07:00	08:30	1.50	20	Slide F/10595 T/10615													2: DRILLING		20.00 181.50	
	08:30	10:30	2.00	2	Drill F/10615 T/10690													3: REAMING			
	10:30	11:00	0.50	20	Slide F/10690 T/10700													4: CORING			
	11:00	12:30	1.50	2	Drill F/10700 T/10775													5: COND. & CIRC		15.00	
	12:30	13:00	0.50	7	Lubriate rig, manndir working stored at crown,manual IBOP o.k.													6: TRIPS		75.00	
	13:00	18:00	5.00	2	Drill F/10775 T/11030													7: LUBRICATE RIG		0.50 4.00	
					Elevator Watch Man (Colten Herman)													8: REPAIR RIG		2.50	
					C.O.M. Check o.k.													9: C/O DRILL LINE			
					B.O.P drill 58 sec													10: DEVIATION			
	18:00	21:30	3.50	2	Drill ff/ 11030 t/ 11067													11: WIRELINE LOG		12.50	
	21:30	22:30	1.00	20	slide ff/ 11067 t/ 11077													12: RUN CSG & CMNT		41.50	
	22:30	05:30	7.00	2	Drill ff/ 11077 t/ 11352													13: WAIT ON CEMENT			
	05:30	06:00	0.50	20	slide f 11352/ t/ 11362													14: NIPPLE UP BOP		28.50	
					AD-EDWARD DELEON 10/23/20012													15: TEST BOP		0.50	
					ELEVATOR WATCHMEN- CLAY BARBEE													16: DRILL STEM TEST			
																	17: PLUGBACK				
																	18: SQUEEZE CMNT				
																	19: FISHING				
																	20: DIR. WORK		3.50 14.00		
																	21:		41.00		
																	22:				
																	23:				
																	Other				
																	Total Hours		24.00 504.00		
BITS	BIT#		SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P						
	5		6.12	MDI611	smith	jg4949	3 x 22.00		10357.00			1005.00	32.50	41.00	new	24.51					
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total Hrs	MAX PSI	SPR VALVE GALLONS	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	12P160</							

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-25		RIG NO.		215		JOB TYPE		HORIZONTAL		JOB NO.		25713		WELL TYPE		OIL	
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 18.00				PROJECTED TD 17000.00											
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 22.00				EST. RELEASE 01/05/13															
RIG MANAGER Ryan Savallo										RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Fred Spruiell				CO. MAN PH NO 806-891-9123				RELEASE DATE / TIME				WEATHER cooler													
OPERATIONS @ REPORT TIME tih d/m 100% tied off JA										OPERATIONS NEXT 24 HRS drill																													
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 7		RIG SAFETY DAYS 852		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H									
SAFETY										SAFETY MEETING TOPICS Jras-5 C-1,Hoist ops C-7,Mix mud C-8,ST-80C-13,Slips F-6,Pressure washing										# STOP CARDS 0		LAST MEETING DATE 12/23/12				CROWN-O-MATIC CHECKED 12/23/12 00:00				BOP DRILL DATE / TIME 12/22/12 15:55 - 53sec									
SAFETY										LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/5		EXTRA CREWS / WHY?				OFFICE NOTIFIED No		MANHOURS PAST 24 161.50				BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC									
OPS										CURRENT DEPTH 11808.00		FOOTAGE LAST 24 446.00		PEN RATE 34.31		ROT. HRS 13.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS											
OPS										HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH						S & R		RENTAL											
MUD										Time 06:00		Mud Wt trip		IN / OUT 0		Funnel Vis 0		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0.00		FI. Loss 0		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE 1764.31		150.15	
MUD										Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 11.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUM. 0.00		CUMULATIVE 241710.70		20570.00	
MUD										CENTRIFUGES N/A		SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		137.00		137.00															
TIME LOG										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN (Today / Well)																			
TIME LOG										06:00 10:00 4.00 2 Drill F/11362 T/11544										1: RIG UP / DOWN 88.00																			
TIME LOG										10:00 11:30 1.50 20 Slide F/11544 T/11559										2: DRILLING 13.00 194.50																			
TIME LOG										11:30 16:30 5.00 2 Drill F/11559 T/11727										3: REMAINING																			
TIME LOG										16:30 17:00 0.50 7 Lubriate rig,manrider working stored at crown,manual IBOP o.k.										4: CORING																			
TIME LOG										17:00 18:00 1.00 2 Drill F/11727 T/11773										5: COND. & CIRC 15.00																			
TIME LOG										Elevator Watch Man (Colten Herman)										6: TRIPS 7.50 82.50																			
TIME LOG										C.O.M. Check o.k.										7: LUBRICATE RIG 0.50 4.50																			
TIME LOG										B.O.P. Drill 58 sec										8: REPAIR RIG 2.50																			
TIME LOG										18:00 21:00 3.00 2 DRILL F/11773 T/11808										9: C/O DRILL LINE																			
TIME LOG										21:00 02:30 5.50 6 tooh d/m 100% tied off com working JA										10: DEVIATION																			
TIME LOG										02:30 03:30 1.00 20 download data and change out motor										11: WIRELINE LOG 12.50																			
TIME LOG										03:30 04:00 0.50 20 make up motor and bit										12: RUN CSG & CMNT 41.50																			
TIME LOG										04:00 06:00 2.00 6 tih d/m 100% tied off JA										13: WAIT ON CEMENT																			
TIME LOG																				14: NIPPLE UP BOP 28.50																			
TIME LOG																				15: TEST BOP 0.50																			
TIME LOG																				16: DRILL STEM TEST																			
TIME LOG																				17: PLUGBACK																			
TIME LOG																				18: SQUEEZE CMNT																			
TIME LOG																				19: FISHING																			
TIME LOG																				20: DIR. WORK 3.00 17.00																			
TIME LOG																				21: 41.00																			
TIME LOG																				22:																			
TIME LOG																				23:																			
TIME LOG																				Other																			
TIME LOG																				Total Hours 24.00 528.00																			
BITS										BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P					
BITS										5		6.12		MD1611		smith		Jg4949		3 x 22.00		10357.00		11808.00		1451.00		44.50		85.50		new		16.97					
BITS										6		6.12		FX64R		security		11922159		3 x 22.00		11808.00				0.00													
PUMPS										Depth		GPM		PRESSURE																									

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2012-12-26		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL							
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,U ^L SUY				SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 19.00		PROJECTED TD 17000.00														
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 23.00		EST. RELEASE 01/05/13														
RIG MANAGER Ryan Savallo				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Fred Spruiell				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler												
OPERATIONS @ REPORT TIME DRILL 12027/ 12361										OPERATIONS NEXT 24 HRS drill																		
SAFETY	ACCIDENTS OR NEAR MISSES: none				# OF JSA's 9		RIG SAFETY DAYS 853		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H															
	SAFETY MEETING TOPICS JRA'S (6) E-23 T.I.O., C-14 Chk COM, E-24 Installrotating head, E-25 Well control procedures, K-1 Forklift				# STOP CARDS 2		LAST MEETING DATE 12/23/12				CROWN-O-MATIC CHECKED 12/23/12 00:00		BOP DRILL DATE / TIME 12/22/12 15:55 - 53sec															
	LAST INSPECTION 12/18/12		INSPECTION BY / TITLE Ryan Savallo - rig manager		CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 161.50		BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC															
OPS	CURRENT DEPTH 12361.00		FOOTAGE LAST 24 553.00		PEN RATE 48.09		ROT. HRS 11.50		MAX GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS									
	HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH				S & R		RENTAL											
MUD	Time 06:00		Mud Wt IN / OUT 8.9		Funnel Vis 37		PV		YLD PT		10 S GEL		10 M GEL		FI. Loss		FILT CK		HTHP FL		HTTP FC		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE 1751.53		150.11	
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 11.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUM. 0.00		CUMULATIVE 241710.70 20715.00	
	CENTRIFUGES N/A				SHAKER TYPE N/A								SCREENS N/A				CHANGED No				WATER SOURCE 0				CUMULATIVE DAYS 138.00 138.00			
TIME LOG	FROM		TO		HRS		CODE		DETAILS OF OPERATIONS IN SEQUENCE														TIME BREAKDOWN		(Today / Well)			
	06:00		10:00		4.00		6		Trip in hole D.M. 100% tied off														1: RIG UP / DOWN		88.00			
	10:00		11:30		1.50		9		Slip and cut drill line 95ft														2: DRILLING		11.50 206.00			
	11:30		12:00		0.50		7		Lubriate rig,manrider working stored at crown>manual IBOP o.k.														3: REMAINING					
	12:00		13:00		1.00		6		Trip in hole D.M. 100% tied off														4: CORING					
	13:00		16:30		3.50		6		Trip in hole and circulate gas out														5: COND. & CIRC		15.00			
	16:30		18:00		1.50		2		Drill F/11808 T/11871														6: TRIPS		8.50 91.00			
									Elevator Watch Man (Colten Herman)														7: LUBRICATE RIG		0.50 5.00			
									C.O.M. check o.k.														8: REPAIR RIG		2.50			
	18:00		19:00		1.00		2		DRILL 11871/ 11923 com check ok														9: C/O DRILL LINE		1.50 1.50			
	19:00		20:00		1.00		20		slide 11923/11933														10: DEVIATION					
	20:00		21:30		1.50		2		DRILL 11933/ 12017														11: WIRELINE LOG		12.50			
	21:30		22:30		1.00		20		slide 12017/ 12027														12: RUN CSG & CMNT		41.50			
	22:30		06:00		7.50		2		DRILL 12027/ 12361														13: WAIT ON CEMENT					
									ad-edward deleon														14: NIPPLE UP BOP		28.50			
									elevator watchmen- clay barbee														15: TEST BOP		0.50			
																							16: DRILL STEM TEST					
																							17: PLUGBACK					
																						18: SQUEEZE CMNT						
																						19: FISHING						
																						20: DIR. WORK		2.00 19.00				
																						21:		41.00				
																						22:						
																						23:						
																						Other						
																						Total Hours		24.00 552.00</				

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE																																																																																																						
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 20.00		PROJECTED TD 17000.00																																																																																																						
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews		STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 24.00		EST. RELEASE 01/05/13																																																																																																						
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor		CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler																																																																																																										
OPERATIONS @ REPORT TIME slide f/ 13037 t/ 13060										OPERATIONS NEXT 24 HRS drill																																																																																																														
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 0		RIG SAFETY DAYS 854		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																																																																																																					
	SAFETY MEETING TOPICS cold weather and electrical										# STOP CARDS 0		LAST MEETING DATE 12/23/12		CROWN-O-MATIC CHECKED 12/23/12 00:00		BOP DRILL DATE / TIME 12/22/12 15:55 - 53sec																																																																																																							
	LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/5		EXTRA CREWS / WHY?		OFFICE NOTIFIED No		MANHOURS PAST 24 141.00		BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC																																																																																																							
OPS	CURRENT DEPTH 13061.00		FOOTAGE LAST 24 700.00		PEN. RATE 43.75		ROT. HRS 16.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS																																																																																																					
	HOOKLOAD 162000.00		PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17000.00				DAILY		0.00		145.00																																																																																																					
MUD	Time		Mud Wt IN / OUT		Funnel Vis		PV		YLD PT		10 S GEL		10 M GEL		FI. Loss		FILT CK		HTHP FL		HTHP FC		FUEL ADDED TO MUD		AVERAGE		1738.93		150.07																																																																																											
	06:00		8.9		38		0.00		0		0		0		0.00		0		0.00		0		TODAY 0.00		CUM.		0.00																																																																																													
	Mud Type		% SOLIDS		% LCM		% SAND		% OIL		% H2O		pH		MF		PF		CALCIUM		CHLORIDES		DAILY 0.00		CUM.		0.00		CUMULATIVE																																																																																											
	no mud		1.5		0		0		0		0		11.00		0		0		2180		156000		CHANGED		No		WATER SOURCE		0		CUMULATIVE																																																																																									
CENTRIFUGES N/A										SHAKER TYPE N/A										SCREENS N/A										DAYS 0										CUMULATIVE										139.00										139.00																																																												
TIME LOG	FROM										TO										HRS										CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)																																																											
	06:00										11:00										5.00										2										Drill F/12361 T/12590										1: RIG UP / DOWN										88.00																																																											
	11:00										11:30										0.50										20										Slide F/12590 T/12599										2: DRILLING										16.00										222.00																																																	
	11:30										12:30										1.00										2										Drill F/12599 T/12616										3: REAMING																																																																					
	12:30										13:00										0.50										20										Slide F/12616 T/12630										4: CORING																																																																					
	13:00										15:00										2.00										2										Drill F/12630 T/12679										5: COND. & CIRC										15.00																																																											
	15:00										15:30										0.50										7										Lubriate rig										6: TRIPS										91.00																																																											
	15:30										16:00										0.50										2										Drill F/12679 T/12685										7: LUBRICATE RIG										0.50										5.50																																																	
	16:00										16:30										0.50										20										Slide F/12685 T/12700										8: REPAIR RIG										2.50																																																											
	16:30										18:00										1.50										2										Drill F/12700 T/12775										9: C/O DRILL LINE										1.50																																																											

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-28		RIG NO.		215		JOB TYPE		HORIZONTAL		JOB NO.		25713		WELL TYPE		OIL											
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 21.00				PROJECTED TD 17000.00																					
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 25.00				EST. RELEASE 01/05/13																			
RIG MANAGER Gary Wallace										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 806-891-9123				RELEASE DATE / TIME				WEATHER cooler																	
OPERATIONS @ REPORT TIME drill f/ 13659 t/ 13730										OPERATIONS NEXT 24 HRS drill																																							
ACCIDENTS OR NEAR MISSES: none										# OF JSA's 0		RIG SAFETY DAYS 855		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																													
SAFETY MEETING TOPICS electrical safety cont										# STOP CARDS 0		LAST MEETING DATE 12/23/12				CROWN-O-MATIC CHECKED 12/23/12 00:00				BOP DRILL DATE / TIME 12/22/12 15:55 - 53sec																													
LAST INSPECTION 12/18/12										INSPECTION BY / TITLE Ryan Savallo - rig manager										CREW M / U 5/5		EXTRA CREWS / WHY?				OFFICE NOTIFIED No		MANHOURS PAST 24 124.00				BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC																	
CURRENT DEPTH 13730.00										FOOTAGE LAST 24 669.00		PEN RATE 38.23		ROT. HRS 17.50		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS																							
HOOKLOAD 162000.00										PICKUP WEIGHT 160000.00		SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17000.00		S & R		RENTAL																											
Time 06:00										Mud Wt IN / OUT 9.0		Funnel Vis 37		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTTP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1731.86		150.04													
Mud Type no mud										% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 11.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS DAILY 0.00 CUM. 0.00		CUMULATIVE 242460.70		21005.00													
CENTRIFUGES N/A										SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		140.00		140.00																											
DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)																													
06:00 12:30 6.50 2 Drill F/13061 T/13358										1: RIG UP / DOWN										88.00																													
12:30 13:30 1.00 20 Slide F/13358 T/13374										2: DRILLING										17.50 239.50																													
13:30 16:00 2.50 2 Drill F/13374 T/13443										3: REAMING																																							
16:00 16:30 0.50 7 Lubriate Rig man rider stored at crown lower ibop ok										4: CORING																																							
16:30 17:00 0.50 2 Drill F/13443 T/13454										5: COND. & CIRC										15.00																													
17:00 18:00 1.00 20 Slide F/13454 T/13474										6: TRIPS										91.00																													
Elevator Watch Man (Colten Herman)										7: LUBRICATE RIG										0.50 6.00																													
C.O.M. check o.k.										8: REPAIR RIG										2.50																													
B.O.P drill 58 sec										9: C/O DRILL LINE										1.50																													
18:00 21:00 3.00 2 Drill f/ 13474 t/13571										10: DEVIATION																																							
21:00 23:00 2.00 20 slide f/ 13571 t/ 13586										11: WIRELINE LOG										12.50																													
23:00 02:00 3.00 2 Drill f/ 13586 t/ 13639										12: RUN CSG & CMNT										41.50																													
02:00 04:00 2.00 20 slide f/ 13639 t/ 13659										13: WAIT ON CEMENT																																							
04:00 06:00 2.00 2 drill f/ 13659 t/ 13730										14: NIPPLE UP BOP										28.50																													
elevator watchman clay barbee										15: TEST BOP										0.50																													
c-o-m										16: DRILL STEM TEST																																							
										17: PLUGBACK																																							
										18: SQUEEZE CMNT																																							
										19: FISHING																																							
										20: DIR. WORK										6.00 32.50																													
										21:										41.00																													
										22:																																							
										23:																																							
										Other																																							
										Total Hours										24.00 600.00																													
BITS										BIT#										SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P							
6										6.12										FX64R		security		11922159		3 x 22.00		11808.00				1922.00		63.00		105.00		new		38.00									
PUMPS										Depth										GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR		KILL (SPM)			
																								Liner		SPM		Liner		SPM		Liner		SPM		Liner		SPM		Pump 1		12P160		12.00		NATIONAL		24.00	

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2012-12-29		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY								SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 22.00		PROJECTED TD 17000.00			
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 26.00		EST. RELEASE 01/05/13					
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO 806-891-9123				RELEASE DATE / TIME		WEATHER cooler			
OPERATIONS @ REPORT TIME drill f/ 14232 u/14493										OPERATIONS NEXT 24 HRS drill											
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 6	RIG SAFETY DAYS 856	SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H				
	SAFETY MEETING TOPICS cold weather										# STOP CARDS 4	LAST MEETING DATE 12/29/12		CROWN-O-MATIC CHECKED 12/28/12 00:00		BOP DRILL DATE / TIME 12/28/12 15:55 - 53sec					
	LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/4		EXTRA CREWS / WHY?				OFFICE NOTIFIED No		MANHOURS PAST 24 111.50		BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC		
OPS	CURRENT DEPTH 14493.00	FOOTAGE LAST 24 763.00		PEN RATE 40.16	ROT. HRS 19.00	MAX GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS									
	HOKLOAD 162000.00	PICKUP WEIGHT 160000.00		SLACKOFF 154000.00	ROTATING 162000.00	ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17000.00													
MUD	Time 06:00	Mud Wt IN / OUT 9.1	Funnel Vis 37	PV 0.00	YLD PT 0	10 S GEL 0	10 M GEL 0	FI. Loss 0.00	FILT CK 0	HTHP FL 0.00	HTTP FC 0	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE	1779.77	150.00					
	Mud Type no mud	% SOLIDS 1.5	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 10.00	MF 0	PF 0	CALCIUM 2180	CHLORIDES 156000	DAILY 0.00	MUD COSTS CUM. 0.00	CUMULATIVE	250946.95	21150.00					
	CENTRIFUGES N/A	SHAKER TYPE N/A				SCREENS N/A				CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS	141.00	141.00					
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE																				
	06:00	06:30	0.50	2	Drill F/13730 T/13735												TIME BREAKDOWN		(Today / Well)		
	06:30	08:00	1.50	20	Slide F/13735 T/13756												1: RIG UP / DOWN		88.00		
	08:00	13:00	5.00	2	Drill F/13756 T/13926												2: DRILLING		19.00 258.50		
	13:00	15:00	2.00	20	Slide F/13926 T/13941												3: REAMING				
	15:00	16:30	1.50	2	Drill F/13941 T/14013												4: CORING				
	16:30	17:00	0.50	7	Lubriate Rig manndir stored at crown												5: COND. & CIRC		15.00		
	17:00	18:00	1.00	2	Drill F/14013 T/14047												6: TRIPS		91.00		
					Freddy Meise worked from 600 to 1800 12.5 hours could'nt get him off pick list												7: LUBRICATE RIG		0.50 6.50		
					Elevator Watch Man (Colten Herman)												8: REPAIR RIG		2.50		
					C.O.M. check o.k.												9: C/O DRILL LINE		1.50		
					drill f/ 14047 t/14212												10: DEVIATION				
		18:00	23:00	5.00	2	slide f/ 14212 v/ 14232												11: WIRELINE LOG		12.50	
		23:00	00:00	1.00	20	drill f/ 14232 t/14493												12: RUN CSG & CMNT		41.50	
		00:00	06:00	6.00	2	Johnny Muck worked from 1800 to 0600 couldnt get him off picklist												13: WAIT ON CEMENT			
					elevator watchman clay barbee												14: NIPPLE UP BOP		28.50		
																	15: TEST BOP		0.50		
																	16: DRILL STEM TEST				
																17: PLUGBACK					
																18: SQUEEZE CMNT					
																19: FISHING					
																20: DIR. WORK		4.50 37.00			
																21:		41.00			
																22:					
																23:					
																Other					
																Total Hours		24.00 624.00			
BITS	BITS	SIZE	TYPE	MAKE	SERIAL #	NOZZLES				IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P					
	6	6.12	FX64R	security	11922159	3 x 22.00				11808.00		2685.00	87.00	192.00	new	40.96					
PUMPS	Depth		GPM	PRESSURE	Pump 1		Pump 2		Pump 3		Pump 4		TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR (psi/min)	KILL (SPM)	
					Liner	SPM	Liner	SPM	Liner	SPM	Liner	SPM	Pump 1	12P160	12.00	NATIONAL	24.00	1692.00	2700.00	20.0	

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-30		RIG NO.		215		JOB TYPE		HORIZONTAL		JOB NO.		25713		WELL TYPE		OIL													
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 23.00				PROJECTED TD 17000.00																							
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 27.00				EST. RELEASE 01/05/13																					
RIG MANAGER Gary Wallace										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Jessie Taylor										CO. MAN PH NO. 806-891-9123				RELEASE DATE / TIME				WEATHER cooler													
OPERATIONS @ REPORT TIME drill f/ 15021 t/15106										OPERATIONS NEXT 24 HRS drill																																									
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 8		RIG SAFETY DAYS 857		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																					
SAFETY										SAFETY MEETING TOPICS working together										# STOP CARDS 4		LAST MEETING DATE 12/29/12				CROWN-O-MATIC CHECKED 12/29/12 00:00				BOP DRILL DATE / TIME 12/28/12 15:55 - 53sec																					
SAFETY										LAST INSPECTION 12/18/12										INSPECTION BY / TITLE Ryan Savallo - rig manager										CREW M / U 5/4		EXTRA CREWS / WHY?										OFFICE NOTIFIED No		MANHOURS PAST 24 111.50				BOP DRILL DATE / TIME 12/22/12 19:20 - 8-15-2012 45 SEC			
OPS										CURRENT DEPTH 15106.00										FOOTAGE LAST 24 613.00										PEN RATE 38.31		ROT. HRS 16.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00				RIG COSTS					
OPS										HOOKLOAD 162000.00										PICKUP WEIGHT 160000.00										SLACKOFF 154000.00		ROTATING 162000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17000.00				S & R		RENTAL									
MUD										Time 06:00										Mud Wt 9.0		IN / OUT 37		Funnel Vis 0.00		PV 0		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FLT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00				AVERAGE		1767.23		149.96	
MUD										Mud Type no mud										% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 10.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00		MUD COSTS CUM. 0.00		CUMULATIVE		250946.95		21295.00			
MUD										CENTRIFUGES N/A										SHAKER TYPE N/A										SCREENS N/A										CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		142.00		142.00			
TIME LOG										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)																					
TIME LOG										06:00 08:00 2.00 2 Drill F/14493 T/14567										1: RIG UP / DOWN										88.00																					
TIME LOG										08:00 10:00 2.00 20 Slide F/14567 T/14582										2: DRILLING										16.00 274.50																					
TIME LOG										10:00 14:00 4.00 2 Drill F/14582 T/14746										3: REAMING																															
TIME LOG										14:00 16:00 2.00 20 Slide F/14746 T/14766										4: CORING																															
TIME LOG										16:00 16:30 0.50 2 Drill F/14766 T/14775										5: COND. & CIRC										15.00																					
TIME LOG										16:30 17:00 0.50 7 Lubriate rig,manrider working stored at crown,manual IBOP o.k.										6: TRIPS										91.00																					
TIME LOG										17:00 18:00 1.00 2 Drill F/14775 T/14810										7: LUBRICATE RIG										0.50 7.00																					
TIME LOG																				8: REPAIR RIG										2.50																					
TIME LOG																				9: C/O DRILL LINE										1.50																					
TIME LOG																				10: DEVIATION																															
TIME LOG																				11: WIRELINE LOG										12.50																					
TIME LOG										18:00 20:30 2.50 2 Drill f/ 14810 t/ 14878										12: RUN CSG & CMNT										41.50																					
TIME LOG										20:30 22:00 1.50 20 slide f/ 14878 t/ 14898										13: WAIT ON CEMENT																															
TIME LOG										22:00 01:00 3.00 2 Drill f/ 14898 t/ 15011										14: NIPPLE UP BOP										28.50																					
TIME LOG										01:00 03:00 2.00 20 slide f/ 15011 t/ 15021										15: TEST BOP										0.50																					
TIME LOG										03:00 06:00 3.00 2 drill f/ 15021 t/15106										16: DRILL STEM TEST																															
TIME LOG																				17: PLUGBACK																															
TIME LOG																				18: SQUEEZE CMNT																															
TIME LOG																				19: FISHING																															
TIME LOG																				20: DIR. WORK										7.50 44.50																					
TIME LOG																				21:										41.00																					
TIME LOG																				22:																															
TIME LOG																				23:																															
TIME LOG																				Other																															
TIME LOG																				Total Hours										24.00 648.00																					
BITS										BIT#										SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P									
BITS										6										6.12		FX64R		security		11922159		3 x 22.00		11808.00				3298.00		99.00															

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2012-12-31		RIG NO.		215		JOB TYPE		HORIZONTAL		JOB NO.		25713		WELL TYPE		OIL	
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 24.00				PROJECTED TD 17000.00											
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 28.00				EST. RELEASE 01/05/13															
RIG MANAGER Gary Wallace										RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 806-891-9123				RELEASE DATE / TIME				WEATHER cooler													
OPERATIONS @ REPORT TIME DRILL F/ 15653 T/15669										OPERATIONS NEXT 24 HRS drill																													
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 6		RIG SAFETY DAYS 858		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284				BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																		
	SAFETY MEETING TOPICS electrical safety										# STOP CARDS 4		LAST MEETING DATE 12/29/12				CROWN-O-MATIC CHECKED 12/30/12 00:00				BOP DRILL DATE / TIME 12/28/12 15:55 - 53sec																		
	LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/4		EXTRA CREWS / WHY? No				OFFICE NOTIFIED No		MANHOURS PAST 24 111.50				BOP DRILL DATE / TIME 12/30/12 19:20 - 8-15-2012 45 SEC																		
OPS	CURRENT DEPTH 15669.00		FOOTAGE LAST 24 563.00		PEN RATE 29.63		ROT. HRS 19.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS S & R RENTAL																				
	HOOKLOAD 160000.00		PICKUP WEIGHT 165000.00		SLACKOFF 127000.00		ROTATING 160000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17000.00																												
MUD	Time 06:00		Mud Wt IN / OUT 9.3		Funnel Vis 37		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTTP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00				AVERAGE 1754.87		149.93										
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 11.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUMULATIVE 250946.95		21440.00												
	CENTRIFUGES N/A		SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS 143.00		143.00																										
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN (Today / Well)																												
	06:00 15:00 9.00 2 Drill F/15106 T/15349										1: RIG UP / DOWN 88.00																												
	15:00 15:30 0.50 7 Lubriate rig										2: DRILLING 19.00 293.50																												
	15:30 17:00 1.50 20 Slide F/15349 T/15366										3: REAMING																												
	17:00 18:00 1.00 2 Drill F/15366 T/15349										4: CORING																												
	Freddy Meise worked from 600 to 1800 Elevator (Colten Herman)										5: COND. & CIRC 15.00																												
	C.O.M. check o.k.										6: TRIPS 91.00																												
	B.O.P Drill 58 sec										7: LUBRICATE RIG 0.50 7.50																												
	18:00 20:00 2.00 2 DRILL F/15349 T/ 15449										8: REPAIR RIG 2.50																												
	20:00 21:30 1.50 20 SLIDE F/ 15449 T/ 15459										9: C/O DRILL LINE 1.50																												
21:30 04:00 6.50 2 DRILL F/ 15459 T/ 15643										10: DEVIATION																													
04:00 05:30 1.50 20 SLIDE F/ 15643 T/ 15653										11: WIRELINE LOG 12.50																													
05:30 06:00 0.50 2 DRILL F/ 15653 T/15669										12: RUN CSG & CMNT 41.50																													
REVIEW DRILL PROCEDURES AND ALARMS										13: WAIT ON CEMENT																													
JOHNNY MUCK WORKED FROM 1800 TO 0600										14: NIPPLE UP BOP 28.50																													
										15: TEST BOP 0.50																													
										16: DRILL STEM TEST																													
										17: PLUGBACK																													
										18: SQUEEZE CMNT																													
										19: FISHING																													
										20: DIR. WORK 4.50 49.00																													
										21: 41.00																													
										22:																													
										23:																													
										Other																													
										Total Hours 24.00 672.00																													
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		ROP														
	6		6.12		FX64R		security		11922159		3 x 22.00		11808.00				3861.00		123.00		426.00		new		9.06														
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		KILL (SPM)												
	15106.00 - 15349.00		255.00		3400.00		6.00 75.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 1 12P160		12.00		NATIONAL		24.00		1740.00		2700.00		20.00 472.00												
DRILLSTRG	SIZE		WEIGHT		GRADE		ID		T.J.O.D.		THREAD		# INTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS																
	4.50		20.00																																				

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2013-01-01		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL									
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 25.00		PROJECTED TD 17000.00																
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 29.00		EST. RELEASE 01/05/13																
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler														
OPERATIONS @ REPORT TIME Drill f/ 16034 t/16120										OPERATIONS NEXT 24 HRS drill																				
SAFETY	ACCIDENTS OR NEAR MISSES: none				# OF JSA's 6		RIG SAFETY DAYS 859		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																	
	SAFETY MEETING TOPICS electrical safety				# STOP CARDS 4		LAST MEETING DATE 12/29/12				CROWN-O-MATIC CHECKED 12/30/12 00:00		BOP DRILL DATE / TIME 12/28/12 15:55 - 53sec																	
	LAST INSPECTION 12/18/12		INSPECTION BY / TITLE Ryan Savallo - rig manager		CREW M / U 5/4		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 111.50		BOP DRILL DATE / TIME 12/30/12 19:20 - 8-15-2012 45 SEC																	
OPS	CURRENT DEPTH 16120.00		FOOTAGE LAST 24 451.00		PEN RATE 30.07		ROT. HRS 15.00		MAX GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS											
	HOOKLOAD 160000.00		PICKUP WEIGHT 168000.00		SLACKOFF 127000.00		ROTATING 160000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17000.00																			
MUD	Time 06:00		Mud Wt IN / OUT 9.4		Funnel Vis 38		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FLT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE 1742.69		149.90			
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 11.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUM. 0.00		CUMULATIVE 250946.95		21585.00	
	CENTRIFUGES N/A		SHAKER TYPE N/A												SCREENS N/A				CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		144.00		144.00			
TIME LOG	FROM		TO		HRS		CODE		DETAILS OF OPERATIONS IN SEQUENCE														TIME BREAKDOWN		(Today / Well)					
	06:00		08:00		2.00		2		Drill F/15669 T/15732														1: RIG UP / DOWN		88.00					
	08:00		10:00		2.00		20		Slide F/15732 T/15748														2: DRILLING		15.00 308.50					
	10:00		11:00		1.00		2		Drill F/15748 T/15784														3: REAMING							
	11:00		13:00		2.00		20		Slide F/15784 T/15801														4: CORING							
	13:00		14:00		1.00		2		Drill F/15801 T/15828														5: COND. & CIRC		15.00					
	14:00		14:30		0.50		7		Lubriate rig,manrider working stored at crown>manual IBOP o.k														6: TRIPS		91.00					
	14:30		16:00		1.50		2		Drill F/15828 T/15861														7: LUBRICATE RIG		0.50 8.00					
	16:00		17:30		1.50		20		Slide F/15861 T/15875														8: REPAIR RIG		2.50					
	17:30		18:00		0.50		2		Drill F/15875 T/15892														9: C/O DRILL LINE		1.50					
									Freddy Weise worked from 600 to 1800														10: DEVIATION							
									Elevator Watch Man (Colten Herman)														11: WIRELINE LOG		12.50					
									C.O.M. Check o.k.														12: RUN CSG & CMNT		41.50					
									B.O.P drill 58 sec														13: WAIT ON CEMENT							
									Drill f/ 15892 t/15929														14: NIPPLE UP BOP		28.50					
									slide f/ 15929 t/ 15939														15: TEST BOP		0.50					
									Drill f/ 15939 t/ 16024														16: DRILL STEM TEST							
									slide f/ 16024 t/ 16034														17: PLUGBACK							
									Drill f/ 16034 t/16120														18: SQUEEZE CMNT							
									elevatorwatchman Clay Barbee														19: FISHING							
									Johnny Muck worked from 1800 to 0600														20: DIR. WORK		8.50 57.50					
																							21:		41.00					
																							22:							
																						23:								

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE												
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 26.00		PROJECTED TD 17000.00												
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 30.00		EST. RELEASE 01/05/13										
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler														
OPERATIONS @ REPORT TIME tih d/m 100% tied off										OPERATIONS NEXT 24 HRS drill																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 4		RIG SAFETY DAYS 860		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H											
	SAFETY MEETING TOPICS electrical safety										# STOP CARDS 2		LAST MEETING DATE 12/29/12		CROWN-O-MATIC CHECKED 01/01/13 00:00		BOP DRILL DATE / TIME 12/28/12 15:55 - 53sec													
	LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/4		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 111.50		BOP DRILL DATE / TIME 12/30/12 19:20 - 8-15-2012 45 SEC													
OPS	CURRENT DEPTH 16212.00		FOOTAGE LAST 24 92.00		PEN. RATE 30.67		ROT. HRS 3.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS											
	HOOKLOAD 160000.00		PICKUP WEIGHT 168000.00		SLACKOFF 127000.00		ROTATING 160000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17100.00						DAILY		0.00 145.00											
MUD	Time 06:00		Mud Wt IN / OUT trip		Funnel Vis 0		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0.00		FI. Loss 0		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1730.67 149.86			
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 11.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		MUD COSTS DAILY 0.00 CUM. 0.00		CUMULATIVE		250946.95 21730.00			
	CENTRIFUGES N/A						SHAKER TYPE N/A												SCREENS N/A				DAILY 0.00 CUM. 0.00		CUMULATIVE		145.00 145.00			
																							CHANGED No		WATER SOURCE 0		CUMULATIVE		145.00 145.00	
TIME LOG	FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)							
	06:00 09:00 3.00 2										Drill F/16120 T/16210										1: RIG UP / DOWN		88.00							
	09:00 12:30 3.50 5										Circulaite Mud and spot										2: DRILLING		3.00 311.50							
	12:30 16:00 3.50 6										Trip out of hole D.M. 100% tied off										3: REAMING									
	16:00 17:00 1.00 5										Pulled 69 stands Circulaite Bottom up and spot pill										4: CORING									
	17:00 18:00 1.00 6										Trip out of hole D.M. 100% tied off										5: COND. & CIRC		4.50 19.50							
											Freddy Meise worked from 600 to 1800										6: TRIPS		11.50 102.50							
											Eleavtor Watch Man (Colten Herman)										7: LUBRICATE RIG		8.00							
											C.O.M. check o.k.										8: REPAIR RIG		2.50							
											B.O.P drill 58 sec										9: C/O DRILL LINE		1.50							
	18:00 22:30 4.50 6										Tooh d/m 100% tied off										10: DEVIATION									
	22:30 23:30 1.00 20										l/d motor and birt make up new motors and bit										11: WIRELINE LOG		12.50							
	23:30 02:30 3.00 20										l/d mwd and awr p/u new mwd and awr scribe motors and program tools										12: RUN CSG & CMNT		41.50							
	02:30 03:30 1.00 20										shallow test motor and mwd										13: WAIT ON CEMENT									
	03:30 06:00 2.50 6										tih d/m 100% tied off										14: NIPPLE UP BOP		28.50							
											Johnny Muck worked from 1800 to 0600										15: TEST BOP		0.50							
											com ok JA										16: DRILL STEM TEST									
																					17: PLUGBACK									
																					18: SQUEEZE CMNT									
																					19: FISHING									
																					20: DIR. WORK		5.00 62.50							
																					21:		41.00							
																					22:									
																					23:									
																				Other										
																				Total Hours		24.00 720.00								
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P					
	6		6.12		FX64R		security		11922159		3 x 22.00		11808.00				4404.00		162.00		759.00		new		5.80					
7		6.12		FX64R		security		11620151		3 x 22.00		16220.00						0.00		0.00		new								
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL (SPM)			
	16120.00 - 16210.00		0.00		0.00		Liner SPM		Liner SPM		Liner SPM		Liner SPM		Pump 1		12P160		12.00		NATIONAL		24.00		1788.00		2700.00		20.00 472.00	
	16212.00 - 16212.00		0.00		0.00		6.00 0.00		6.00 0.00		6.00 0.00		6.00 0.00		Pump 2		12P160		12.00		NATIONAL		24.00		1788.00		2700.00		30.00 907.00	
DRILLSTRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS							
	4.50		20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE							
	3.50		13.30		S135		2.76		4.75		NC 38 (IF)		546				369		177		0									
ENGINES	LOCATION		GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEPTH		INCL		AZM			
	Co. No.		3512		3512		3512		3306		DEUT		1		BIT		6.13		0.00		0.65		16123.00		90.31		169.64			
	HRS TODAY		24.00		24.00		0.00		0.00		24.00		1		MOTOR		4.00		0.00		29.80		15939.00		91.63		168.32			
RIG FUEL	DELIVERED TODAY		0.00		HOURS		FUEL USED		TODAY		0.00		0.00		1		NON MAG DRILL COLLAR		4.00		2.50		28.75		15647.00		93.30 164.71			
	On Hand		5334.00		TODAY		0.00		0.00		0.00		1		FLEX JOINT		3.50		2.76		31.10		15457.00		91.98 164.27					
	Used Today		901.00		WELL		0.00		0.00		0.00		249		3 12 DP		3.50		2.76		7921.72		15583.00		92.51 164.27					
MUD MTR	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE		39		H.W.D.P.		3.50		2.76		1197.52		15361.00		91.36 164.71					
	1244		3.00		222.00		222.00		92.00		9008.00												15170.00		91.54 166.73					
																							15264.00		91.01 165.59					
RENTAL ITEMS	DESCRIPTION		DAY RT		STDBY		HRLY		73		DRILL PIPE		STANDS		6961.50		DIRECTIONS TO						take 349 to patricia turn							
									0		KELLY DOWN		SINGLES				west on hiway 115 go 16.3													
																	right go to first rd to left													
REPORT REMARKS	Justin D Murphree		Justin D Murphree		John T Askew		John T Askew		Jras-4 C-1 Airhoist op, C-4 Connection W/Topdrive		C-8 Connections W/Ironroughneck, C-13 Pulling Slips, K-1 Forklift		FROM		TO		CODE		RPM		W.O.B.		16120.00		16210.00		DRILL 0.00 0.00			
									pre tour electrical safety				16212.00		16212.00												0.00 0.00			
									Jras-3 stops- 2 fuel- 41"=5334 gals																					
drilling																														

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE														
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 27.00		PROJECTED TD 17000.00														
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews		STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 31.00		EST. RELEASE 01/05/13														
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141			OPERATORS REPRESENTATIVE Jessie Taylor			CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler																		
OPERATIONS @ REPORT TIME Drill -f 16417 -t 16788										OPERATIONS NEXT 24 HRS drill																						
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 12		RIG SAFETY DAYS 861		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H													
	SAFETY MEETING TOPICS electrical safety										# STOP CARDS 4		LAST MEETING DATE 01/02/13		CROWN-O-MATIC CHECKED 01/02/13 00:00		BOP DRILL DATE / TIME 01/02/13 15:55 - 53sec															
	LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager			CREW M / U 5/4		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 141.00		BOP DRILL DATE / TIME 01/02/13 19:20 - 8-15-2012 45 SEC																
OPS	CURRENT DEPTH 16788.00		FOOTAGE LAST 24 576.00		PEN. RATE 42.67		ROT. HRS 13.50		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS													
	HOOKLOAD 15000.00		PICKUP WEIGHT 160000.00		SLACKOFF 133000.00		ROTATING 150000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17100.00						S & R		RENTAL													
MUD	Time 06:00		Mud Wt IN / OUT 9.5		Funnel Vis 40		PV 10.00		YLD PT 19		10 S GEL 3		10 M GEL 6		FI. Loss 9.50		FILT CK 0		HTHP FL 0.00		HTTP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1718.81		149.83			
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 10.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		MUD COSTS DAILY 0.00 CUM. 0.00		CUMULATIVE		250946.95		21875.00			
	CENTRIFUGES N/A																						DAILY 0.00		CUMULATIVE		146.00		146.00			
																							CHANGED No		WATER SOURCE 0							
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN (Today / Well)																					
	FROM TO HRS CODE																															
	06:00 09:30 3.50 6 t.i.h c-c-o-m d-man 100% tied off (nm)										1: RIG UP / DOWN 88.00																					
	09:30 10:30 1.00 5 circulate bottoms up										2: DRILLING 13.50 325.00																					
	10:30 11:00 0.50 7 lubricate rig work manual ibop (ok) manrider working stored @ crown										3: REAMING 1.00 1.00																					
	11:00 15:00 4.00 6 continue t.i.h d-man 100% tied off (nm)										4: CORING																					
	15:00 16:00 1.00 3 wash and ream down 6 stands d-man 100% tied off (nm)										5: COND. & CIRC 1.50 21.00																					
	16:00 16:30 0.50 5 circulate bottoms up										6: TRIPS 7.50 110.00																					
	16:30 18:00 1.50 2 drill f/16210-t/16303										7: LUBRICATE RIG 0.50 8.50																					
											8: REPAIR RIG 2.50																					
											9: C/O DRILL LINE 1.50																					
											10: DEVIATION																					
	18:00 21:00 3.00 2 Drill -f 16303 -t 16407										11: WIRELINE LOG 12.50																					
	21:00 22:00 1.00 2 Slide -f 16407 -t 16417										12: RUN CSG & CMNT 41.50																					
	22:00 06:00 8.00 2 Drill -f 16417 -t 16788										13: WAIT ON CEMENT 28.50																					
											14: NIPPLE UP BOP 0.50																					
											15: TEST BOP																					
											16: DRILL STEM TEST																					
											17: PLUGBACK																					
											18: SQUEEZE CMNT																					
											19: FISHING																					
											20: DIR. WORK 62.50																					
											21: 41.00																					
											22:																					
										23:																						
										Other																						
										Total Hours 24.00 744.00																						
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P							
	7		6.12		FX64R		security		11620151		3 x 22.00		16210.00				578.00		1.50		1.50		new		42.81							
7		6.12		FX64R		security		11620151		3 x 22.00		16210.00				578.00		13.50		13.50		new		42.81								
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL RATIO		KILL (SPM)			
	16210.00 - 16303.00		75.00		3900.00		6.00		75.00		6.00		0.00		0.00		12P160		12.00		NATIONAL		24.00		1812.00		2700.00		20.00		472.00	
	16303.00 - 16788.00		75.00		4000.00		6.00		75.00		6.00		0.00		0.00		12P160		12.00		NATIONAL		24.00		1812.00		2700.00		30.00		907.00	
DRILLSTRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS									
	4.50		20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE									
	3.50		13.30		S135		2.76		4.75		NC 38 (IF)		546				369		177		0											
ENGINES	LOCATION		GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS									
	Co. No.		3512		3512		3512		3306		DEUT		1		BIT		6.13		0.00		0.75		DEPTH		INCL		AZM					
RIG FUEL	DELIVERED TODAY		0.00		HOURS		FUEL USED		1		NON MAG DRILL COLLAR		4.00		2.50		28.75		0.00		0.00		16602.00 90.57 168.14									
	On Hand		3783.00		TODAY		0.00		0.00		1		FLEX JOINT		4.00		2.50		2.74		16506.00		90.84		168.93							
	Used Today		1551.00		WELL		0.00		0.00		249		3 12 DP		3.50		2.76		7921.72		16411.00		90.84		168.76							
	Used This Well		34584.00		BOILER #		0		39		H.W.D.P.		3.50		2.76		1197.52		16416.00		90.84		168.49									
MUD MTR	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE		16220.00		90.13		169.64		16220.00		90.13		169.64		16220.00		90.13		169.64			
	1244		13.50		235.50		235.50		576.00		9584.00		16220.00		90.13		169.64		16220.00		90.13		169.64		16220.00		90.13		169.64			
RENTAL ITEMS	DESCRIPTION		DAY RT		STDBY		HRLY		79		DRILL PIPE		STANDS		7534.05		DIRECTIONS TO		take 349 to patricia turn west on hiway 115 go 16.3 miles to location rd on right go to first rd to left follow road 1.5 miles to location													
									0		KELLY DOWN		5.00		16788.13																	
											WT OF COLLARS / DRILLSTRING		158000.00																			
											HOURS SINCE LAST INSPECTION		326.00																			
REPORT REMARKS	Norberto M Musico										s/m electrical, jras=6 stops=1,c1 hoist,c13 slips										DEPTH DRILLED											
	Norberto M Musico										k1 forklift,e23 t.i.h,c7 mix chemicals,l1 manlift										FROM TO CODE RPM W.O.B.											
	Joey Wiegman										s/m electrical hazzards, 6 jra's, 2 stops										16210.00 16303.00 DRILL 60.00 15.00											
Joey Wiegman										d-6 add methanol, c-13 pull & set slips, c-7 mix mud										16303.00 16788.00 DRILL 58.00 15.00												
Joey Wiegman										brk temp in/out 63, 43 psi, 217 gpm																						
Joey Wiegman										p/u 160, s/o 133, r/w 150																						
drilling																																

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT				DATE	RIG NO.	JOB TYPE	JOB NO.	WELL TYPE												
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23, BLK 6, UL SUY				SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 28.00		PROJECTED TD 17000.00												
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 32.00		EST. RELEASE 01/07/13										
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler														
OPERATIONS @ REPORT TIME Hold safety meeting, rig up logging tools										OPERATIONS NEXT 24 HRS log with tools																				
SAFETY	ACCIDENTS OR NEAR MISSES: none										# OF JSA's 12		RIG SAFETY DAYS 862		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H											
	SAFETY MEETING TOPICS electrical										# STOP CARDS 6		LAST MEETING DATE 01/03/13		CROWN-O-MATIC CHECKED 01/02/13 00:00		BOP DRILL DATE / TIME 01/02/13 15:55 - 53sec													
	LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/4		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 149.00		BOP DRILL DATE / TIME 01/02/13 19:20 - 8-15-2012 45 SEC													
OPS	CURRENT DEPTH 17085.00		FOOTAGE LAST 24 297.00		PEN. RATE 42.43		ROT. HRS 7.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS											
	HOOKLOAD 15000.00		PICKUP WEIGHT 160000.00		SLACKOFF 133000.00		ROTATING 150000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17085.00						S & R		RENTAL											
MUD	Time 00:00		Mud Wt IN / OUT 0		Funnel Vis 0		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1707.12		149.80	
	Mud Type no mud		% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 10.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		MUD COSTS DAILY 0.00 CUM. 0.00		CUMULATIVE		250946.95		22020.00	
	CENTRIFUGES N/A						SHAKER TYPE N/A												SCREENS N/A				WATER SOURCE 0		CUMULATIVE DAYS		147.00		147.00	
TIME LOG	FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)							
	06:00 13:00 7.00 2										drill f/16788-u/17085										1: RIG UP / DOWN		88.00							
	13:00 15:00 2.00 5										condition mud & circulate										2: DRILLING		7.00 332.00							
	15:00 18:00 3.00 6										t.o.o.h c-c-o-m d-man 100% tied off (nm)										3: REAMING		1.00							
											elevator watchman-Omar Rodriguez										4: CORING									
	18:00 00:00 6.00 6										T.o.o.h. dh 100% tied off. ck c.o.m (fw)										5: COND. & CIRC		2.00 23.00							
	00:00 01:30 1.50 20										Lay down directional tools, break bit										6: TRIPS		9.00 119.00							
	01:30 06:00 4.50 11										Hold safety meeting, rig up logging tools										7: LUBRICATE RIG		8.50							
											elevator watchman (Justin youkey)										8: REPAIR RIG		2.50							
											fuel=48"-6602.0 gls.										9: C/O DRILL LINE		1.50							
																					10: DEVIATION									
																					11: WIRELINE LOG		4.50 17.00							
																					12: RUN CSG & CMNT		41.50							
																					13: WAIT ON CEMENT									
																					14: NIPPLE UP BOP		28.50							
																					15: TEST BOP		0.50							
																					16: DRILL STEM TEST									
																					17: PLUGBACK									
																					18: SQUEEZE CMNT									
																					19: FISHING									
																					20: DIR. WORK		1.50 64.00							
																					21:		41.00							
																					22:									
																					23:									
																				Other										
																				Total Hours		24.00 768.00								
BITS	BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P					
	7		6.12		FX64R		security		11620151		3 x 22.00		16210.00		17085.00		875.00		22.50		36.00		new		42.00					
PUMPS	Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL (SPM)			
	16788.00 - 17085.00		274.00		4150.00		6.00 75.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 1 12P160		12.00		NATIONAL		24.00		1836.00		2700.00		20.00 472.00			
	17085.00 - 17085.00		0.00		0.00		6.00 0.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 2 12P160		12.00		NATIONAL		24.00		1836.00		2700.00		30.00 907.00			
DRILLSTRG	SIZE		WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS							
	4.50		20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE							
	3.50		13.30		S135		2.76		4.75		NC 38 (IF)		546				369		177		0									
ENGINES	LOCATION		GEN 1		GEN 2		GEN 3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS							
	Co. No.		3512		3512		3512		3306		DEUT		1		FLOAT SUB		4.00		2.50		2.30		DEPTH		INCL		AZM			
	HRS TODAY		20.00		4.00		24.00		0.00		24.00		1		UPPER LATCH		4.00		0.00		4.50		0.00		0.00		0.00			
RIG FUEL	DELIVERED TODAY		4000.00		TODAY		HOURS		FUEL USED		249		3 1/2 DP		3.50		2.76		7921.72		16602.00		90.57		168.14					
	On Hand		6602.00		WELL		0.00		0.00		39		H.W.D.P.		3.50		2.76		1197.52		16506.00		90.84		168.93					
	Used Today		1181.00		BOILER #		0														16411.00		90.84		168.76					
MUD MTR	Used This Well		35765.00		BLOWDOWN VOLUMES		0.00														16316.00		89.60		168.49					
	Fuel Brand		OFFROAD																		16220.00		90.13		169.64					
	DISTRIBUTOR		INDUSTRIAL OIL																		16123.00		90.31		169.64					
RENTAL ITEMS	SERIAL #		HRS LAST 24		TOTAL HRS		CUM. WELL HRS		FOOTAGE LAST 24		TOTAL FOOTAGE		82		DRILL PIPE		STANDS		7819.68				DIRECTIONS TO							
	1244		7.00		242.50		242.50		297.00		9881.00		0		KELLY DOWN		SINGLES		17.00				take 349 to patricia turn							
															TOTAL				17018.42				west on hiway 115 go 16.3							
REPORT REMARKS																														
og with tools																														

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		2013-01-05		RIG NO.		215		JOB TYPE		HORIZONTAL		JOB NO.		25713		WELL TYPE		OIL																																																																																																																									
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23.BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30										DAYS FR SPUD 29.00										PROJECTED TD 17085.00																																																																																																																							
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX										JOB START DATE 12/03/12 06:00										DAYS ON JOB 33.00										EST. RELEASE 01/07/13																																																																																																													
RIG MANAGER Gary Wallace										RIG PHONE NUMBER 903-570-5141										OPERATORS REPRESENTATIVE Jessie Taylor										CO. MAN PH NO. 806-891-9123										RELEASE DATE / TIME										WEATHER cooler																																																																																																													
OPERATIONS @ REPORT TIME pooh while logging with weatherford										OPERATIONS NEXT 24 HRS log with tools																																																																																																																																																					
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 9										RIG SAFETY DAYS 863										SAFETY RATE 0.00										G.P.S. COORDINATES N 32.4799 W -102.284										BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																																																																																																			
SAFETY										SAFETY MEETING TOPICS weather										# STOP CARDS 4										LAST MEETING DATE 01/04/13										CROWN-O-MATIC CHECKED 01/04/13 00:00										BOP DRILL DATE / TIME 01/02/13 15:55 - 53sec																																																																																																													
SAFETY										LAST INSPECTION 12/18/12										INSPECTION BY / TITLE Ryan Savallo - rig manager										CREW M / U 5/4										EXTRA CREWS / WHY? No										OFFICE NOTIFIED No										MANHOURS PAST 24 149.00										BOP DRILL DATE / TIME 01/02/13 19:20 - 8-15-2012 45 SEC																																																																																									
OPS										CURRENT DEPTH 17085.00										FOOTAGE LAST 24 0.00										PEN. RATE										ROT. HRS 0.00										MAX. GAS 0.00										BCKGR GAS 0										CONN. GAS 0										TRIP GAS 0										LAST CASING SIZE & SET DEPTH 7.62 10346.00										RIG COSTS																																																											
OPS										HOOKLOAD 15000.00										PICKUP WEIGHT 160000.00										SLACKOFF 133000.00										ROTATING 150000.00										ROTARY TORQUE 6.00 - 9.00										NEXT CASING SIZE & SET DEPTH 5.50 17085.00										S & R										RENTAL																																																																															
MUD										Time 00:00										Mud Wt IN / OUT 0										Funnel Vis 0										PV 0.00										YLD PT 0										10 S GEL 0										10 M GEL 0										FI. Loss 0.00										FILT CK 0										HTHP FL 0.00										HTHP FC 0										FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00										AVERAGE 1712.43										149.76																			
MUD										Mud Type no mud										% SOLIDS 1.5										% LCM 0										% SAND 0										% OIL 0										% H2O 0										pH 10.00										MF 0										PF 0										CALCIUM 2180										CHLORIDES 156000										DAILY 0.00 CUM. 0.00										MUD COSTS CUM. 0.00										CUMULATIVE 253439.32										22165.00									
MUD										CENTRIFUGES N/A										SHAKER TYPE N/A										SCREENS N/A										CHANGED No										WATER SOURCE 0										CUMULATIVE DAYS										148.00										148.00																																																																															
TIME LOG										BIT#										TO										HRS										CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN										(Today / Well)																																																																																									
TIME LOG										06:00										18:00										12:00										6										t.i.h w/logging tools c-c-o-m d-man 100% tied off (nm)										1: RIG UP / DOWN										88.00																																																																																									
TIME LOG																																																		elevator watchman-Omar Rodriguez										2: DRILLING										332.00																																																																																									
TIME LOG										18:00										20:00										2.00										6										T.i.h, dh 100% tied off ck c.o.m (JW)										3: REAMING										1.00																																																																																									
TIME LOG										20:00										22:30										2.50										5										Deploy logging tools, circulate bottoms up										4: CORING																																																																																																			
TIME LOG										22:30										06:00										7.50										6										pooh while logging with weatherford										5: COND. & CIRC										2.50 25.50																																																																																									
TIME LOG																																																		derrickman 100% tied off c-o-m										6: TRIPS										21.50 140.50																																																																																									
TIME LOG																																																		elevator watchman=justin youkey										7: LUBRICATE RIG										8.50																																																																																									
TIME LOG																																																		fuel=43"-5692.4 gls.										8: REPAIR RIG										2.50																																																																																									
TIME LOG																																																												9: C/O DRILL LINE										1.50																																																																																									
TIME LOG																																																												10: DEVIATION																																																																																																			
TIME LOG																																																												11: WIRELINE LOG										17.00																																																																																									
TIME LOG																																																												12: RUN CSG & CMNT										41.50																																																																																									
TIME LOG																																																												13: WAIT ON CEMENT																																																																																																			
TIME LOG																																																												14: NIPPLE UP BOP										28.50																																																																																									
TIME LOG																																																												15: TEST BOP										0.50																																																																																									
TIME LOG																																																												16: DRILL STEM TEST																																																																																																			
TIME LOG																																																												17: PLUGBACK																																																																																																			
TIME LOG																																																												18: SQUEEZE CMNT																																																																																																			
TIME LOG																																																												19: FISHING																																																																																																			
TIME LOG																																																												20: DIR. WORK																																																																																																			

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT								DATE 2013-01-06		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY				SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 30.00		PROJECTED TD 17085.00									
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 34.00		EST. RELEASE 01/07/13									
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141		OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler									
OPERATIONS @ REPORT TIME T.i.h, dh 100% tied off ck c.o.m (JW)										OPERATIONS NEXT 24 HRS ream lay down dp													
SAFETY	ACCIDENTS OR NEAR MISSES: yes										# OF JSA's 0	RIG SAFETY DAYS 864	SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H						
	SAFETY MEETING TOPICS electrical safety										# STOP CARDS 0	LAST MEETING DATE 01/05/13		CROWN-O-MATIC CHECKED 01/05/13 00:00		BOP DRILL DATE / TIME 01/02/13 15:55 - 53sec							
	LAST INSPECTION 12/18/12		INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/4		EXTRA CREWS / WHY? Yes				OFFICE NOTIFIED No		MANHOUS PAST 24 149.00		BOP DRILL DATE / TIME 01/02/13 19:20 - 8-15-2012 45 SEC						
OPS	CURRENT DEPTH 17085.00	FOOTAGE LAST 24 0.00		PEN. RATE	ROT. HRS 0.00	MAX. GAS 0.00	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS											
	HOKLOAD 15000.00	PICKUP WEIGHT 160000.00		SLACKOFF 133000.00	ROTATING 150000.00	ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17085.00				S & R	RENTAL										
MUD	Time 00:00	Mud Wt IN / OUT 0	Funnel Vis 0	PV 0.00	YLD PT 0	10 S GEL 0	10 M GEL 0.00	FI. Loss 0	FILT CK 0	HTHP FL 0.00	HTTP FC 0	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE	1700.94	149.73							
	Mud Type no mud	% SOLIDS 1.5	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 10.00	MF 0	PF 0	CALCIUM 2180	CHLORIDES 156000	DAILY 0.00	MUD COSTS CUM. 0.00	CUMULATIVE	253439.32	22310.00							
	CENTRIFUGES N/A	SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		149.00	149.00										
TIME LOG	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN (Today / Well)												
	06:00	16:30	10.50	6	t.o.o.h w/logging tools							1: RIG UP / DOWN		88.00									
	16:30	18:00	1.50	21	laydown logging tools & equipment							2: DRILLING		332.00									
					elevator watchman-Omar Rodriguez							3: REAMING		1.00 2.00									
	18:00	20:00	2.00	21	Strap tools, pick up reamers & make up bit							4: CORING		25.50									
	20:00	00:30	4.50	6	T.i.h, dh 100% tied off, ck c.o.m (JW)							5: COND. & CIRC		16.50 157.00									
	00:30	03:00	2.50	9	Hang blocks, slip & cut, unhang blocks							6: TRIPS		0.50 9.00									
	03:00	03:30	0.50	7	Rig service, work manual ibop, manrider working & stored @ crown							8: REPAIR RIG		2.50 4.00									
	03:30	05:00	1.50	6	T.i.h, dh 100% tied off ck c.o.m (JW)							9: C/O DRILL LINE		2.50 4.00									
	05:00	06:00	1.00	3	REAMING f/10300 to 11595							10: DEVIATION		17.00									
					Elevator watchman (Justin Youkey)							11: WIRELINE LOG		41.50									
					Fuel=38"-4806.0 gls.							12: RUN CSG & CMNT		28.50									
												13: WAIT ON CEMENT		0.50									
												14: NIPPLE UP BOP											
												15: TEST BOP											
												16: DRILL STEM TEST											
												17: PLUGBACK											
												18: SQUEEZE CMNT											
												19: FISHING											
												20: DIR. WORK		64.00									
											21:		3.50 44.50										
											22:												
											23:												
											Other												
											Total Hours		24.00 816.00										
BITS	BITS#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES		IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	ROP									
	8	618.00	xp30tps	smith	px4926	3 x 22.00		17085.00			0.00	0.00	0.00	used									
PUMPS	Depth	GPM	PRESSURE	Pump 1 Liner SPM	Pump 2 Liner SPM	Pump 3 Liner SPM	Pump 4 Liner SPM	Pump 1 ON RACK	Pump 2 ON RACK	Pump 3 ON RACK	Pump 4 ON RACK	TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	KILL (SPM)					
	17085.00 - 17085.00	0.00	0.00	6.00 0.00	6.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	12P160	12.00	NATIONAL	24.00	1884.00	2700.00	20.00 472					

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT										DATE		RIG NO.		JOB TYPE		JOB NO.		WELL TYPE																					
WELLNAME University 6-23 Unit 2H										LEGAL DESCRIPTION SEC 23,BLK 6,UL SUY										SPUD DATE / TIME 12/07/12 05:30		DAYS FR SPUD 31.00		PROJECTED TD 17085.00																									
OPERATOR W&T OFFSHORE, INC.										COUNTY / PARISH Andrews										STATE TX		JOB START DATE 12/03/12 06:00		DAYS ON JOB 35.00		EST. RELEASE 01/07/13																							
RIG MANAGER Gary Wallace					RIG PHONE NUMBER 903-570-5141					OPERATORS REPRESENTATIVE Jessie Taylor					CO. MAN PH NO. 806-891-9123					RELEASE DATE / TIME		WEATHER cooler																											
OPERATIONS @ REPORT TIME Lay down pipe										OPERATIONS NEXT 24 HRS lay down dp run casing																																							
SAFETY										ACCIDENTS OR NEAR MISSES: none										# OF JSA's 9		RIG SAFETY DAYS 865		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																					
SAFETY MEETING TOPICS hydroil hoist										# STOP CARDS 7										LAST MEETING DATE 01/05/13		CROWN-O-MATIC CHECKED 01/06/13 00:00		BOP DRILL DATE / TIME 01/02/13 15:55 - 53sec																									
LAST INSPECTION 12/18/12					INSPECTION BY / TITLE Ryan Savallo - rig manager					CREW M / U 5/4					EXTRA CREWS / WHY? No					OFFICE NOTIFIED No		MANHOURS PAST 24 149.00		BOP DRILL DATE / TIME 01/02/13 19:20 - 8-15-2012 45 SEC																									
OPS										CURRENT DEPTH 17085.00										FOOTAGE LAST 24 0.00		PEN. RATE		ROT. HRS 0.00		MAX. GAS 1455.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS													
										HOOKLOAD 15000.00										PICKUP WEIGHT 160000.00		SLACKOFF 133000.00		ROTATING 150000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17085.00		DAILY		S & R		RENTAL															
MUD										Time										Mud Wt IN / OUT 0		Funnel Vis 0		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FILT CK 0		HTHP FL 0.00		HTHP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE		1689.60		149.70			
										Mud Type no mud										% SOLIDS 1.5		% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 10.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		CUMULATIVE		253439.32		22455.00			
										CENTRIFUGES N/A										SHAKER TYPE N/A		SCREENS N/A		CHANGED No		WATER SOURCE 0		CUMULATIVE DAYS		150.00		150.00																	
TIME LOG										FROM TO HRS CODE										DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)																	
										06:00 16:30 10.50 3										reaming in hole f/11598-t/17085										1: RIG UP / DOWN		88.00																	
										16:30 18:00 1.50 5										condition mud & circulate										2: DRILLING		332.00																	
																				elevator watchman-Omar Rodriguez										3: REAMING		10.50 12.50																	
										18:00 20:00 2.00 5										Circulate										4: CORING																			
										20:00 21:00 1.00 8E										Repair top/drive repaired line going to brake caliper										5: COND. & CIRC		4.00 29.50																	
										21:00 01:00 4.00 6										T.o.o.h. to shoe,dh. 100 % tied off, ck c.o.m. (jw)										6: TRIPS		8.50 165.50																	
										01:00 01:30 0.50 5										Break circulation, pump pill 833 stks										7: LUBRICATE RIG		9.00																	
										01:30 06:00 4.50 6										Lay down pipe										8: REPAIR RIG		1.00 3.50																	
																				elevator watchman (justin youkey)										9: C/O DRILL LINE		4.00																	
																				fuel=32"-3783.7 gls.										10: DEVIATION																			
																														11: WIRELINE LOG		17.00																	
																														12: RUN CSG & CMNT		41.50																	
																														13: WAIT ON CEMENT																			
																														14: NIPPLE UP BOP		28.50																	
																														15: TEST BOP		0.50																	
																														16: DRILL STEM TEST																			
																														17: PLUGBACK																			
																														18: SQUEEZE CMNT																			
																														19: FISHING																			
																														20: DIR. WORK		64.00																	
																														21:		44.50																	
																														22:																			
																														23:																			
																														Other																			
																														Total Hours		24.00 840.00																	
BITS										BIT#										SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		ROP							
										8										618.00		xp30tps		smith		px4926		3 x 22.00		17085.00				0.00		0.00		used											
PUMPS										Depth										GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL RATIO		KILL (SPM)			
										17085.00 - 17085.00										0.00		0.00		6.00 0.00		6.00 0.00		6.00 0.00		6.00 0.00		0.00 0.00		0.00 0.00		Pump 1		12P160		12.00 NATIONAL		24.00		1908.00		2700.00		20.00 472.00	
										17085.00 - 17085.00										70.00		2500.00		6.00 0.00		6.00 70.00		0.00 0.00		0.00 0.00		0.00 0.00		Pump 2		12P160		12.00 NATIONAL		24.00		1908.00		2700.00		30.00 907.00			
DRILL STRG										SIZE										WEIGHT		GRADE		I.D.		T.J.O.D.		THREAD		# JNTS		LENGTH		IN HOLE		ON RACK		REPAIRS		DRILL STRING REMARKS									
										4.50										20.00		S135		3.64		6.25		NC 46 (EH)		350		11000.00		153		197		0		NONE									
										3.50										13.30		S135		2.76		4.75		NC 38 (IF)		546		369		177		0													
ENGINES										LOCATION										GEN 1		GEN2		GEN3		CMP		HPU		NO.		DRILLING ASSEMBLY (BHA)		O.D.		I.D.		LENGTH		DEVIATION SURVEYS									
										Co. No.										3512		3512		3512		3306		DEUT		1		BIT		6.18 0.00		1.00		DEPTH		INCL		AZM							
										HRS TODAY										24.00		0.00		24.00		0.00		24.00		1		BIT SUB		4.00 2.50		3.43		0.00		0.00		0.00							
										HRS ON WELL										640.00		357.00		481.00		78.00		647.00		1		3 12 DP		31.94		17000.00		86.17		166.91									
										HRS LAST CHGE										640.00		333.00		96.00		78.00		1288.00		1		3PT REAMER		4.00 2.73		6.85		16983.00		86.35		166.38							
										AVERAGE KVA										0.00		0.00		0.00		0.00				1		3 12 DP		31.93		16888.00		87.67		167.35									
																														1		REAMER		4.00 2.76		6.64		16793.00		88.64		167.44							
																														1		3 12 DP		31.95		16602.00		90.57		168.14									
																														1		3PT REAMER		4.00 2.76		6.81		16506.00		90.84		168.93							
																														1		3 12 DP		31.93		16411.00		90.84		168.76									
																														1		REAMER		3.50 2.76		6.67		16316.00		89.60		168.49							
																														249		3 12 DP		7921.72		16220.00		90.13		169.64									
																														39		H.W.D.P.		1197.52		16123.00		90.31		169.64									

PATTERSON-UTI DRILLING COMPANY										MORNING REPORT						DATE 2013-01-08		RIG NO. 215	JOB TYPE HORIZONTAL	JOB NO. 25713	WELL TYPE OIL																
WELLNAME University 6-23 Unit 2H				LEGAL DESCRIPTION SEC 23,BLK 6,UJ SUY						SPUD DATE / TIME 12/07/12 05:30				DAYS FR SPUD 32.00		PROJECTED TD 17085.00																					
OPERATOR W&T OFFSHORE, INC.				COUNTY / PARISH Andrews				STATE TX		JOB START DATE 12/03/12 06:00				DAYS ON JOB 36.00		EST. RELEASE 01/07/13																					
RIG MANAGER Gary Wallace				RIG PHONE NUMBER 903-570-5141				OPERATORS REPRESENTATIVE Jessie Taylor				CO. MAN PH NO. 806-891-9123		RELEASE DATE / TIME		WEATHER cooler																					
OPERATIONS @ REPORT TIME Hold safety meeting,rig up casing crew,run casing										OPERATIONS NEXT 24 HRS run casing																											
SAFETY				ACCIDENTS OR NEAR MISSES: none				# OF JSA's 6		RIG SAFETY DAYS 866		SAFETY RATE 0.00		G.P.S. COORDINATES N 32.4799 W -102.284		BOP TEST DATE / PRESSURE 12/21/12 250 LOW 1000 H																					
SAFETY				SAFETY MEETING TOPICS hoist cont				# STOP CARDS 4		LAST MEETING DATE 01/07/13				CROWN-O-MATIC CHECKED 01/07/13 00:00		BOP DRILL DATE / TIME 01/02/13 15:55 - 53sec																					
SAFETY				LAST INSPECTION 12/18/12				INSPECTION BY / TITLE Ryan Savallo - rig manager				CREW M / U 5/4		EXTRA CREWS / WHY? No		OFFICE NOTIFIED No		MANHOURS PAST 24 149.00		BOP DRILL DATE / TIME 01/02/13 19:20 - 8-15-2012 45 SEC																	
OPS				CURRENT DEPTH 17085.00				FOOTAGE LAST 24 0.00				PEN. RATE		ROT. HRS 0.00		MAX. GAS 0.00		BCKGR GAS 0		CONN. GAS 0		TRIP GAS 0		LAST CASING SIZE & SET DEPTH 7.62 10346.00		RIG COSTS											
OPS				HOOKLOAD 150000.00				PICKUP WEIGHT 160000.00				SLACKOFF 133000.00		ROTATING 150000.00		ROTARY TORQUE 6.00 - 9.00		NEXT CASING SIZE & SET DEPTH 5.50 17085.00				S & R		RENTAL													
MUD				Time 00:00				Mud Wt IN / OUT 0				Funnel Vis 0		PV 0.00		YLD PT 0		10 S GEL 0		10 M GEL 0		FI. Loss 0.00		FLT CK 0		HTHP FL 0		HTTP FC 0		FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE 1678.41		149.67			
MUD				Mud Type no mud				% SOLIDS 1.5				% LCM 0		% SAND 0		% OIL 0		% H2O 0		pH 10.00		MF 0		PF 0		CALCIUM 2180		CHLORIDES 156000		DAILY 0.00 CUM. 0.00		MUD COSTS CUM. 0.00		CUMULATIVE 253439.32		22600.00	
MUD				CENTRIFUGES N/A				SHAKER TYPE N/A						SCREENS N/A		CHANGED No		WATER SOURCE 0				CUMULATIVE DAYS		151.00		151.00											
TIME LOG				DETAILS OF OPERATIONS IN SEQUENCE														TIME BREAKDOWN				(Today / Well)															
TIME LOG				06:00 12:30 6.50 6 lay down pipe & reamers														1: RIG UP / DOWN				88.00															
TIME LOG				12:30 13:00 0.50 7 lubricate rig work manual ibop (ok) manrider stored @ crown														2: DRILLING				332.00															
TIME LOG				13:00 16:00 3.00 6 t.i.h c-c-o-m d-man 100% tied off (nm)														3: REAMING				12.50															
TIME LOG				16:00 18:00 2.00 6 lay down pipe														4: CORING																			
TIME LOG																		5: COND. & CIRC				29.50															
TIME LOG				18:00 00:30 6.50 6 elevator watchman-Omar Rodriguez														6: TRIPS				18.00 183.50															
TIME LOG				00:30 04:00 3.50 21 Lay down pipe														7: LUBRICATE RIG				0.50 9.50															
TIME LOG				04:00 06:00 2.00 12 Change out bails & elevators, change saver sub														8: REPAIR RIG				3.50															
TIME LOG																		9: C/O DRILL LINE				4.00															
TIME LOG																		10: DEVIATION																			
TIME LOG																		11: WIRELINE LOG				17.00															
TIME LOG																		12: RUN CSG & CMNT				2.00 43.50															
TIME LOG																		13: WAIT ON CEMENT																			
TIME LOG																		14: NIPPLE UP BOP				28.50															
TIME LOG																		15: TEST BOP				0.50															
TIME LOG																		16: DRILL STEM TEST																			
TIME LOG																		17: PLUGBACK																			
TIME LOG																		18: SQUEEZE CMNT																			
TIME LOG																		19: FISHING																			
TIME LOG																		20: DIR. WORK				64.00															
TIME LOG																		21:				3.50 48.00															
TIME LOG																		22:																			
TIME LOG																		23:																			
TIME LOG																		Other																			
TIME LOG																		Total Hours				24.00 864.00															
BITS				BIT#		SIZE		TYPE		MAKE		SERIAL #		NOZZLES		IN @		OUT @		DRILLED		HRS		CUM. HRS		CONDITION		R O P									
BITS				na																																	
PUMPS				Depth		GPM		PRESSURE		Pump 1		Pump 2		Pump 3		Pump 4		TYPE		STROKE		Manufacturer		HRS		Total HRS		MAX PSI		SPR KILL (SPM)							
PUMPS				17085.00 - 17085.00		0.00		0.00		6.00 0.00		6.00 0.00		0.00 0.00		0.00 0.00		0.00 0.00		12P160		12.00 NATIONAL		24.00		19											



W&T Daily Completion

Report # 2.0, Report Date: 1/29/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type
Completion - OriginalSecondary Job Type
Completion - Original

Total AFE + Sure Amount (Cost)

J)

Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary

Frac 1-2.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	18:00	12.00	12.00	FRAC	Frac Job	STG 1 Avg Press: 6,835 psi Avg Rate: 49.9 bpm 100 mesh: 0 lbs 40/70 0 lbs 20/40 135,028 lbs SLC 40,294 lbs total 175,322 lbs Max Pressure: 7,918 psi Max Rate: 54.7 bpm ISIP 2,103 psi F.G. 0.65 Perfs. 16968-71 16872-75 16796-99 Fluid to recover: 3,928 bbls
18:00	06:00	12.00	24.00	FRAC	Frac Job	STG 2 Avg Press: 7,539 psi Avg Rate: 33.3 bpm 100 mesh: 18,659 lbs 40/70: 0 lbs 20/40: 24,491 lbs SLC: 0 lbs total: 43,150 lbs Max Pressure: 8,900 psi Max Rate: 50.2 bpm ISIP: 7,812 psi (estimate) F.G.: 1.21 Perfs: 16,551'-54' 16,673'-76' 16,715'-18' Fluid to recover: 2,701 bbls

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 24.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		16,551.0	16,554.0	



W&T Daily Completion

Report # 2.0, Report Date: 1/29/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		16,673.0	16,676.0	
08:00		16,715.0	16,718.0	
08:00		16,796.0	16,799.0	
08:00		16,872.0	16,875.0	
08:00		16,968.0	16,971.0	

Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)



W&T Daily Completion

Report # 3.0, Report Date: 1/30/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type Completion - Original	Secondary Job Type Completion - Original
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Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary

Frac 3-4.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	18:00	12.00	12.00	FRAC	Frac Job	Initially the frac was treating pretty well, gaining frac extension throughout the job. When 40/70 sand hit the perms there was a slight pressure increase. On the pad before the 20/40 sand the pressure started to climb a bit. Some was do to perf width restriction and some was do to gel viscosity issues. Kicked off FR at 1 gpt on this pad, and increased to 2.0 gpt on the 20/40 higher prop cons. Max sand 2.75 ppg, then flush due to pressure increase. Was able to tail in with some resin coat sand. Avg Press: 7,835 psi Avg Rate: 48.3 bpm 100 mesh: 0 lbs 40/70: 6,894 lbs 20/40: 102,054 lbs SLC: 39,189 lbs total: 148,137 lbs Max Pressure: 9,900 psi Max Rate: 54.3 bpm ISIP: 6,871 psi F.G.:1.12 Perfs: 16291-94 16353-56 16245-48 Fluid to recover: 3,749 bbls



W&T Daily Completion

Report # 3.0, Report Date: 1/30/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
18:00	06:00	12.00	24.00	FRAC	Frac Job	Good stage, pumped as per re-design. STG 4 Avg Press: 8,431 psi Avg Rate: 49.3 bpm 100 mesh: 0 lbs 40/70: 6,494 lbs 20/40: 134,217 lbs SLC: 62,848 lbs total: 203,559 lbs Max Pressure: 9,301 psi Max Rate: 55.8 bpm ISIP: 3,495 psi(estimate) F.G.: 0.78 Perfs. 16,053-56 16,165-68 16,227-30 Fluid to recover: 4,242

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 36.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		16,053.0	16,056.0	
08:00		16,165.0	16,168.0	
08:00		16,227.0	16,230.0	
08:00		16,245.0	16,248.0	
08:00		16,291.0	16,294.0	
08:00		16,353.0	16,356.0	

Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)



W&T Daily Completion

Report # 4.0, Report Date: 1/31/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type Completion - Original	Secondary Job Type Completion - Original
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Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary

Frac 5-9

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	11:00	5.00	5.00	FRAC	Frac Job	STG 5 Cut sand at 2.5# 20/40 and flushed, psi dropped and got back into it. Pumped rest of designed amount by easing into it. PSI came back up during flush but still flushed wellbore complete. Avg Press: 8,125 psi Avg Rate: 45.9 bpm 100 mesh: 0 lbs 40/70: 8,589 lbs 20/40: 111,407 lbs SLC: 90,573 lbs total: 210,569 lbs Max Pressure: 9,921 psi Max Rate: 51.2 bpm ISIP: 7,154 psi F.G.: 1.15 Perfs. 15,847-50 15,935-38 15,981-84 Fluid to recover: 5,313 bbls
11:00	16:00	5.00	10.00	FRAC	Frac Job	STG 6 Well treated to schedule, pressure started rising turned Fr on at 1 gpt pressure came down test ran with fr turned pump off pressure came up and turned Fr back on, flushed well with 2 gpt Fr Avg Press: 8,036 psi Avg Rate: 45.9 bpm 100 mesh: 0 lbs 40/70: 6,532 lbs 20/40: 110,626 lbs SLC: 73,637 lbs total: 190,795 lbs Max Pressure: 9,621 psi Max Rate: 51.2 bpm ISIP 6,011 psi (estimate) F.G.: 1.03 Perfs. 15,593-96 15,670-73 15,750,53 Fluid to recover: 4,652
16:00	21:00	5.00	15.00	FRAC	Frac Job	STG 7 Ran 2500 lbs of 100 mesh for fluid loss, well was treating high, lost pad stage that incurred a tip screenout, talking it over about making pad stage larger from 25000 gals to 35000 gals. Avg Press: 8,863 psi Avg Rate: 46.8 bpm 100 mesh: 2,500 lbs 40/70: 9,682 lbs 20/40: 94,278 lbs SLC: 12,166 lbs total: 118,626 lbs Max Pressure: 10,041 psi Max Rate: 50.9 bpm ISIP: 9,639 psi (estimate) F.G.: 1.26 Perfs. 15365-368 15400-403 15507-510 Fluid to recover: 4,242



W&T Daily Completion

Report # 4.0, Report Date: 1/31/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
21:00	02:00	5.00	20.00	FRAC	Frac Job	STG 8 Changed Pad volume to 35,000 gals, well was riding high pressure the whole stage, ran Fr at 2 gpt to overcome some of the pressure saw 400 pounds to 600 pound drops with FR Avg Press: 8,750 psi Avg Rate: 45.6 bpm 100 mesh: 0 lbs 40/70: 6,339 lbs 20/40: 81,657 lbs SLC: 3,001 lbs total: 90,997 lbs Max Pressure: 9,971 psi Max Rate: 53 bpm ISIP: 7,832 psi (estimate) F.G.: 1.21 Fluid to recover: 4,242
02:00	06:00	4.00	24.00	FRAC	Frac Job	STAGE 9 CUT SAND AT 2.00# DUE TO PSI INCREASE. FLUSHED WELL BORE ACCORDINGLY BUT HAD TO KEEP DROPPING RATE DUE TO RIDING MAX PSI... Avg Press: 8,455 psi Avg Rate: 46 bpm 100 mesh: 0 lbs 40/70: 0 lbs 20/40: 47,827 lbs SLC: 0 lbs total: 47,827 lbs Max Pressure: 9,845 psi Max Rate: 51 bpm ISIP: 8,279 psi (estimate) F.G.: 1.26 Perfs. 14,772-75 14,856-59 14,911-14 Fluid to recover: 2,304 bbls

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 48.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		14,772.0	14,775.0	
08:00		14,856.0	14,859.0	
08:00		14,911.0	14,914.0	
08:00		15,593.0	15,596.0	
08:00		15,670.0	15,673.0	
08:00		15,750.0	15,753.0	
08:00		15,847.0	15,850.0	
08:00		15,935.0	15,938.0	
08:00		15,981.0	15,984.0	



W&T Daily Completion

Report # 5.0, Report Date: 2/1/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type Completion - Original	Secondary Job Type Completion - Original
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Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary

Frac 10-11

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	18:00	12.00	12.00	FRAC	Frac Job	STG 10 Stage started treated excessively high, started running FR at 1.0 gpt halfway through pad. Kept a constant, lower rate throughout stage. Pumped all sand as per design. Avg Press: 7,225 psi Avg Rate: 44.7 bpm 100 mesh: 0 lbs 40/70 0 lbs 20/40: 95,761 lbs SLC: 104,160 lbs total: 199,921 lbs Max Pressure: 9,987 psi Max Rate: 45.3 bpm ISIP: 4,119 psi F.G. 0.85 Perfs. 14,559-62 14,621-24 14,671-74 Fluid to recover: 3,576 bbls
18:00	06:00	12.00	24.00	FRAC	Frac Job	STG 11 Screened out Stage 11 Flowed back well for 2 hours shut back in and tried to pump on it pressure maxed out Got out of it and let bleed down got back on it at 5 bpm pressure shot straight up, Coil tubing is on the way out to clean out well and then TCP. Coil arrives at 10:00am on second pad had to change injector head out from other coil unit to the one they were going to run, coil arrives on location at 1:30pm start rigging up 4:00 pm load coil with fluid and set on top of wellhead, 4:45pm open well to start washing fluid At 19:30, CT is at 12,500' Avg Press: 7,268 psi Avg Rate: 52.4 bpm 100 mesh: 0 lbs 40/70: 26,730 lbs 20/40: 88,849 lbs SLC: 55,598 lbs total: 171,177 lbs Max Pressure: 11,482 psi Max Rate: 61 bpm ISIP: 10,586 psi (estimate) F.G.: 1.49 Perfs. 14312-315 14365-368 14417-420 Fluid to recover: 3,938

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 60.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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W&T Daily Completion

Report# 5.0, Report Date: 2/1/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		14,312.0	14,315.0	
08:00		14,365.0	14,368.0	
08:00		14,417.0	14,420.0	
08:00		14,559.0	14,562.0	
08:00		14,621.0	14,624.0	
08:00		14,671.0	14,674.0	

Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)



W&T Daily Completion

Report # 6.0, Report Date: 2/2/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type Completion - Original	Secondary Job Type Completion - Original
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Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr)
		24.00

Daily Operations

Operations Summary

Coil Cleanout from screenout and set plug perforate and spot acid

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	06:00	24.00	24.00	FRAC	Frac Job	Coil Cleanout from screenout and set plug perforate and spot acid At 19:30, CT is at 12,500'... At 20:30, CT is at 13,130'... At 21:30 CT is at 13,700'... At 22:30, CT is at 13,864' At 23:30, CT is at 13,880'... At 00:30, CT at 13,925'... At 01:30, CT at 14,250' At 02:30, CT still at 14,455'... will send gel pill down, and start coming out. 8:00 am out of hole with wash nozzle and rig down wash nozzle 8:30 start to rig up 10k plug to run in hole 9:15 Open well and TIH with plug, on bottom with plug @ 12:30pm, Drop ball pump 45 bbls till ball seats 1:00 plug seats, move up 15 feet from 14250 and pressure up to 9500 psi to ensure plug seated 1:30pm Bleed down well from pressure test plug and TOH with Coil unit 4:00 pm Out of Hole rig down setting tool and begin to rig up guns to perforate and TIH with Coil 5:00 pm TIH with perforating guns and rig acid transport up 18:30... CT at 7,300' on gun run... 19:30... CT at 13,800' on gun run... 20:00... Guns fired, will breakdown and spot acid. 1st gun @ 19:48, 2nd @ 19:54, 3rd @ 20:02...

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 72.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
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Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)



W&T Daily Completion

Report # 7.0, Report Date: 2/3/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type
Completion - OriginalSecondary Job Type
Completion - Original

Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary
Frac Stage 12-15

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	12:00	6.00	6.00	FRAC	Frac Job	STG 12 Started stage got a great breakdown and initial pressures when lined out, pumped smooth till we got to 2 # sand pressure climbed went to a sweep came back down on pressure still went back to .50 ppg sand starting out and climbed back to 2# sand pressure started climbing on a 1 slope cut sand king and went to flush Avg Press: 6,253 psi Avg Rate: 45.8 bpm 100 mesh: 0 lbs 40/70: 0 lbs 20/40: 72,910 lbs SLC: 16,800 lbs total: 89,710 lbs Max Pressure: 7,786 psi Max Rate: 47.9 bpm ISIP: 4,748 psi (estimate) F.G. 0.91 Perfs. 14090-093 14153-156 14225-228 Fluid to recover: 3,455
12:00	18:00	6.00	12.00	FRAC	Frac Job	STG 13 Well started out treating at 43 bpm around 6500 rand 40/70 sand saw slight increase turned on fr @ 1gpt got extra rate on 2# 20/40 to 56 bpm and went to 2 gpt on fr well was taking sand till it went to a 1 slope cut sand and king and then just cut screws to ensure getting it flushed, dropped rate all the way to 16 bpm to get the well flushed to capacity, had to clean out hopper on blender Avg Press: 6,930 psi Avg Rate: 49.4 bpm 100 mesh: 0 lbs 40/70: 7,845 lbs 20/40: 84,841 lbs SLC: 42,554 lbs total: 135,240 lbs Max Pressure: 9,497 psi Max Rate: 56.8 bpm ISIP: 7,105 psi (estimate) F.G. 1.14 Perfs. 13891-894 13984-987 14012-015 Fluid to recover: 3,878

**W&T OFFSHORE****W&T Daily Completion****Report # 7.0, Report Date: 2/3/2013****Well Name: University Lands 6-23 # 2H**

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
18:00	00:00	6.00	18.00	FRAC	Frac Job	STG 14 Well broke back with acid got a steady rate to 45 bpm net pressure climbing on pad and finally lined out started .5 20/40 sand moved to .75# and 1# 20/40 was getting ready to stage into the 1.5# sand stage when .5 # was hitting perfs net pressure went on a strong climb of a slope over 2, cut screws and xlink went back to a linear fluid and swept well pressure came back down started xlink pad again and pressure turned right back up on a 1.3 slope pumped on it till it turned straight up on xlink pad @ 8500 psi cut xlink and flushed with linear fluid. Avg Press: 7,776 psi Avg Rate: 44.5 bpm 100 mesh: 0 lbs 40/70: 0 lbs 20/40: 12,803 lbs total: 12,803 lbs Max Pressure: 9,641 psi Max Rate: 44.8 bpm ISIP: 3,564 psi (estimate) F.G.: 0.79 Perfs. 13675-678 13720-723 13766-769 Fluid to recover: 2,355
00:00	06:00	6.00	24.00	FRAC	Frac Job	STG 15 Stage started treating fine until 0.75# hit formation. Cut screws at 1.5# at blender and flushed wellbore. PSI did not break back during sweep/flush. Moving to stage 16... Avg Press: 6,440 psi Avg Rate: 37.1 bpm 100 mesh: 0 lbs 40/70: 0 lbs 20/40: 17,831 lbs SLC: 0 lbs total: 17,831 lbs Max Pressure: 10,004 psi Max Rate: 44.3 bpm ISIP: 4,295 psi (estimate) F.G.: 0.86 Perfs. 13,374-77' 13,445'-48 13,520'-23' Fluid to recover: 2,876

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 84.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		13,374.0	13,377.0	
08:00		13,445.0	13,448.0	



W&T Daily Completion

Report # 7.0, Report Date: 2/3/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		13,520.0	13,523.0	
08:00		13,675.0	13,678.0	
08:00		13,720.0	13,723.0	
08:00		13,766.0	13,769.0	
08:00		13,891.0	13,894.0	
08:00		13,894.0	13,897.0	
08:00		14,012.0	14,015.0	
08:00		14,090.0	14,093.0	
08:00		14,153.0	14,156.0	
08:00		14,225.0	14,228.0	

Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)



W&T Daily Completion

Report # 8.0, Report Date: 2/4/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type Completion - Original	Secondary Job Type Completion - Original
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Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary
Frac Stages 16-20

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	12:00	6.00	6.00	FRAC	Frac Job	STG 16 Good stage, had PSI come up during 2nd pad. Brought in FR at 1.0 gpt during 2.5#. Had PSI increase during flush but still got it flushed accordingly. Avg Press: 6,607 psi Avg Rate: 49.3 bpm 100 mesh: 0 lbs 40/70: 27,815 lbs 20/40: 87,319 lbs SLC: 74,611 lbs total: 189,745 lbs Max Pressure: 5,111 psi Max Rate: 50.5 bpm ISIP: 3,852 psi (estimate) F.G.: 0.82 Perfs. 13,188'-91' 13,229'-32' 13,291'-94' Fluid to recover: 4,459
12:00	18:00	6.00	12.00	FRAC	Frac Job	STG 17 Stage started good, but had PSI on 2.0# sand. Went to sweep/flush, but did not help. Moving to stage 18 Avg Press: 6,777 psi Avg Rate: 44.9 bpm 100 mesh: 0 lbs 40/70: 27,052 lbs 20/40: 62,974 lbs SLC: 0 lbs total: 90,026 lbs Max Pressure: 7,807 psi Max Rate: 46.3 bpm ISIP: 4,550 psi (estimate) F.G.: 0.89 Perfs. 12,992'-95' 13,043'-46' 13,092'-95' Fluid to recover: 3,918 bbls
18:00	00:00	6.00	18.00	FRAC	Frac Job	STG 18 Stage started good, with decent rate and PSI. Had to cut screws and went into a sweep during 2.00#. Increased gel loading, brought in FR at 1.0 gpt and got back into it. Sand brought back in increments. Brought in resin sand at 1.75# and kept it constant. Cut resin short and went to flush due to PSI increase. Flushed well accordingly. Avg Press: 6,589 psi Avg Rate: 43.6 bpm 100 mesh: 0 lbs 40/70: 27,290 lbs 20/40: 94,206 lbs SLC: 32,611 lbs total: 154,107 lbs Max Pressure: 8,841 psi Max Rate: 45.7 bpm ISIP: 4,394 psi (estimate) F.G.: 0.87 Perfs. 12732-735 12782-785 12832-835 Fluid to recover: 5,293



W&T Daily Completion

Report # 8.0, Report Date: 2/4/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
00:00	03:00	3.00	21.00	FRAC	Frac Job	STG 19 Stage 19 we started at 5 bpm then the ball seated, I waited till pressure started breaking back down over 400psi and then go up 5 bpm until I saw another break back of 400 psi, repeated steps untill we got to 45 bpm, this increased 25# linear pad volume from 318 to 617 bbls, once pad was lined out we started 40/70 sand, frac went smooth and was still running smooth so we held 3.5 # at the end to pump extra sand into formation, as soon as it started to turn up we went to flush. Avg Press: 5,522 psi Avg Rate: 43.8 bpm 100 mesh: 0 lbs 40/70: 25,168 lbs 20/40: 89,518 lbs SLC: 84,929 lbs total: 199,615 lbs Max Pressure: 9,746 psi Max Rate: 44.2 bpm ISIP: 3,060 psi (estimate) F.G.: 0.74 Perfs. 12437-440 12552-525 12587-590 Fluid to recover: 4,686
03:00	06:00	3.00	24.00	FRAC	Frac Job	STG 20 Stage 20 we started at 5 bpm then ball seated, waited to see a pressure break back and came up another 5 bpm over 1011 bbls of linear pad we achieved rate of 45 bpm with 5 bpm increments, started 40/70 sand and frac was running smooth started 20/40 from .5 to 3.5 ppg and held 3.5 ppg to see reaction at perfs everything looked good so I made the decision to run 50,000# @ 4ppg on the tail end of the job, put 238,293 total sand volume Avg Press: 5,879 psi Avg Rate: 45.6 bpm 100 mesh: 0 lbs 40/70: 29,880 lbs 20/40: 88,105 lbs SLC: 120,308 lbs total: 238,293 lbs Max Pressure: 6,386 psi Max Rate: 46.6 bpm ISIP: 3,061 psi (estimate) F.G.: 0.74 Perfs. 12174-177 12223-226 12337-340 Fluid to recover: 5,134

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 96.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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**W&T OFFSHORE****W&T Daily Completion****Report # 8.0, Report Date: 2/4/2013****Well Name: University Lands 6-23 # 2H**

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		12,174.0	12,177.0	
08:00		12,223.0	12,226.0	
08:00		12,337.0	12,340.0	
08:00		12,437.0	12,440.0	
08:00		12,552.0	12,525.0	
08:00		12,587.0	12,590.0	
08:00		12,732.0	12,735.0	
08:00		12,782.0	12,785.0	
08:00		12,832.0	12,835.0	
08:00		12,992.0	12,995.0	
08:00		13,043.0	13,046.0	
08:00		13,092.0	13,095.0	
08:00		13,188.0	13,191.0	
08:00		13,229.0	13,232.0	
08:00		13,291.0	13,294.0	

Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)



W&T Daily Completion

Report # 9.0, Report Date: 2/5/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type Completion - Original	Secondary Job Type Completion - Original
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Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary
Frac Stages 21-25

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	12:00	6.00	6.00	FRAC	Frac Job	STG 21 Stage went well. Brought up rate from 5 bpm up to 45 bpm during acid breaks. Had slight psi increase after 40/70, but leveled out. Included a 3.0# 20/40 stage, as well as a 4.0# and 4.5# SLC stage. Had FR running at a 1.0 gpt during stage. Avg Press: 5,467 psi Avg Rate: 44.9 bpm 100 mesh: 0 lbs 40/70: 27,867 lbs 20/40: 100,800 lbs SLC: 128,205 lbs total: 256,872 lbs Max Pressure: 8,259 psi Max Rate: 47.6 bpm ISIP: 3,311 psi (estimate) F.G. 0.77 Perfs. 11,889'-92' 11,963'-66' 12,037'-40' Fluid to recover: 5,173
12:00	18:00	6.00	12.00	FRAC	Frac Job	STG 22 Stage was treating really well until a sudden increase in psi during 2.0# sand. Cut sand and flushed well bore, attempted several sand slugs but no help. Moving up to stage 23... Looks like we lost our pad stage and tip screened out on 2# sand, changing perf scheme to go to 2 clusters 36 holes Avg Press: 6,313 psi Avg Rate: 45 bpm 100 mesh: 0 lbs 40/70: 27,384 lbs 20/40: 61,037 lbs SLC: 0 lbs total: 88,421 lbs Max Pressure: 7,827 psi Max Rate: 45.9 bpm ISIP: 4,037 psi (estimate) F.G.: 0.84 Perfs. 11590-593 11650-653 11775-778 Fluid to recover: 4,907 bbls
18:00	00:00	6.00	18.00	FRAC	Frac Job	STG 23 Stage treated well stepped up 5 bpm increments lined out linear pad pumped 40/70 went to xlink pad and had trouble xlinking for 350 bbls due to water quality and viscosity extended xlink pad to volume and pumped 20/40 away Avg Press: 5,429 psi Avg Rate: 45.2 bpm 100 mesh: 0 lbs 40/70: 25,301 lbs 20/40: 79,930 lbs SLC: 121,935 lbs total: 227,166 lbs Max Pressure: 6,259 psi Max Rate: 46.3 bpm ISIP: 3,107 psi (estimate) F.G.: 0.75 Perfs. 11467-470 11384-387 Fluid to recover: 4,905



W&T Daily Completion

Report # 9.0, Report Date: 2/5/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
00:00	03:00	3.00	21.00	FRAC	Frac Job	STG 24 Well treated just like 24 everything was good I doubled the xlink prepad stage to give ample time for xlink to come around Put 5 ppg in the tailend of the job Avg Press: 5,637 psi Avg Rate: 45 bpm 100 mesh: 0 lbs 40/70: 25,194 lbs 20/40: 82,428 lbs SLC: 135,622 lbs total: 243,244 lbs Max Pressure: 6,259 psi Max Rate: 45.4 bpm ISIP: 3,863 psi (estimate) F.G.: 0.82 Perfs. 11233-236 11166-169 Fluid to recover: 4,958
03:00	06:00	3.00	24.00	FRAC	Frac Job	STG 25 Stage was going well until 3.5# sand started, and PSI increase started. Went to flush, fluids were looking good. Moving up to stage 26... Avg Press: 6,697 psi Avg Rate: 44.4 bpm 100 mesh: 0 lbs 40/70: 25,630 lbs 20/40: 86,305 lbs SLC: 61,898 lbs total: 173,833 lbs Max Pressure: 45 psi Max Rate: 44 bpm ISIP: 4,286 psi (estimate) F.G.: 0.86 Perfs. 11,044'-46' 10,952'-55' Fluid to recover: 4,673

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 108.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		10,952.0	10,955.0	
08:00		11,044.0	11,046.0	
08:00		11,166.0	11,169.0	
08:00		11,233.0	11,236.0	
08:00		11,384.0	11,387.0	
08:00		11,467.0	11,470.0	
08:00		11,590.0	11,593.0	
08:00		11,650.0	11,653.0	

**W&T OFFSI****W&T Daily Completion****Report # 9.0, Report Date: 2/5/2013****Well Name: University Lands 6-23 # 2H**

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
08:00		11,775.0	11,778.0	
08:00		11,889.0	11,892.0	
08:00		11,963.0	11,966.0	
08:00		12,037.0	12,040.0	

Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)



W&T Daily Completion

Report # 10.0, Report Date: 2/6/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type Completion - Original	Secondary Job Type Completion - Original
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Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 24.00
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Daily Operations

Operations Summary
Frac Stages 26-28

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	12:00	6.00	6.00	FRAC	Frac Job	STG 26 Cut sand during 3.5# SLC due to PSI increase, flushed well bore and moved up to stage 27... Avg Press: 6,138 psi Avg Rate: 44.4 bpm 100 mesh: 0 lbs 40/70: 26,793 lbs 20/40: 89,124 lbs SLC: 27,300 lbs total: 143,217 lbs Max Pressure: 6,663 psi Max Rate: 46.1 bpm ISIP: 7,650 psi (estimate) F.G.: 1.2 Perfs. 10,834'-36' 10,739'-42' Fluid to recover: 4,288
12:00	18:00	6.00	12.00	FRAC	Frac Job	STG 27 Stage started with no ball action or much of an acid break. Treated decent and able to get into 4.5# SLC. Flushed well accordingly. Avg Press: 5,674 psi Avg Rate: 43.5 bpm 100 mesh: 0 lbs 40/70: 28,385 lbs 20/40: 134,700 lbs SLC: 117,179 lbs total: 280,264 lbs Max Pressure: 7,377 psi Max Rate: 44.7 bpm ISIP: 4,945 psi (estimate) F.G.: 0.93 Perfs. 10,543'-46' 10,460'-63' Fluid to recover: 4,500 bbls
18:00	00:00	6.00	18.00	FRAC	Frac Job	STG 28 Stage went well, good ball action and some decent acid breaks. Pumped all 20/40 and SLC sand, going up to 5.0# concentration, fluids looked good throughout stage. RD GOFrac AND J&W WIRELINE MIRU PROPETRO COIL TUBING Avg Press: 5,394 psi Avg Rate: 43.7 bpm 100 mesh: 0 lbs 40/70: 29,076 lbs 20/40: 116,126 lbs SLC: 233,062 lbs total: 378,264 lbs Max Pressure: 8,116 psi Max Rate: 44.8 bpm ISIP: 3,343 psi (estimate) F.G.: 0.77 Perfs. 10,328'-31' 10,256'-59' Fluid to recover: 5,189 BBLs

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
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W&T Daily Completion

Report # 18.0, Report Date: 2/14/2013

Well Name: University Lands 6-23 # 2H

API/UWI 42-003-44881	Surface Legal Location	Field Name University Lands	Lease University Lands	State/Province Texas	Well Configuration Type
Original KB Elevation (ft) 3,067.00	KB-Tubing Head Distance (ft) 26.00	Rig Release Date 1/10/2013 01:00	Spud Date 12/7/2012 05:30	PBTD (All) (ftKB) Leg 1 - 17,001.0	Total Depth (ftKB) 17,085.0

Primary Job Type
Completion - OriginalSecondary Job Type
Completion - Original

Daily Contacts

Job Contact	Title	Mobile
Lex Prigett	Completion Engineer	

Daily Readings

Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hr) 12.00
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Daily Operations

Operations Summary
Drill Frac Plugs

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity Code	Activity Description	Comments
06:00	18:00	12.00	12.00	DRLFRAC	Drill Frac Plugs	RU Propetro coil and proceed to drill out plugs. Drilled plugs 1-26 before rigging propetro down with coil issues. TORQUED UP FIXED HOSE STARTED COMING OUT OF HOLE AND BLEW HOSE AGAIN. WORKING TO FIX PROBLEM FIGHTING FRICTION DRILLED PLUG #28. DRILLED ALL THE WAY TO 16998'. CIRC HEAVY GEL SWEEP. ONCE WE GOT THE SWEEP TO SURFACE STARTED COMING OUT OF HOLE. 8900' TORQUED UP BLEW A HYDRAULIC HOSE.(8PM) CURRENTLY REPLACING THE HOSE AND WILL START BACK OUT OF HOLE. GREG FORTH HAS FLOW BACK CREWS ARRIVING FIRST THING IN THE MORNING
18:00	06:00	12.00	24.00	WOD	Waiting On Daylight	SION

Personnel Log

Company W & T OFFSHORE	Head count 1	Total Working Time (hr) 12.00
Head Count 1.0	Personnel Total Hours (hr) 12.00	Cum Personnel Total Hours (hr) 216.00
Contractor Blackhawk	Rig Number 25	Rig Supervisor Apolinar Salinas (Jr)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Rod Run

Run Date	Rod Description	Set Depth (ftKB)	In Tubing String
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Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
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Perforations

Time	Zone	Top (ftKB)	Btm (ftKB)	Current Status
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Stimulations & Treatments

Time	Zone	Type	Delivery Mode	Stim/Treat Company
Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (bbl)

W & T OFFSHORE DAILY WORKOVER REPORT	
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LEASE NAME & WELL # UNIVERSITY 6-23 #2H				DATE: 2/26/13	DAY: 2
OBJECTIVE: Run Gas Lift, Set PKR at 10,062'				UNIT SIZE:	
SUPERVISOR: Jr Salinas				SPM:	
OPERATOR: Rig #25 (Blackhawk)		Daily Cost:	\$32,463	STROKE LENGTH:	
CONTRACTORS: Daily Cost:		Prev. Cost:	\$4,115		
Blackhawk:	\$4,930	Cumm. Cost:	\$36,578		
Key Pump Truck	\$300				
Mustang	\$1,800				
Lufkin	\$25,433				

Daily Total: \$32,463 ANCHORS: 2/13

ROD FAILURE				PUMP FAILURE			
☐ Polish	Depth	_____	Size	_____	☐ Stuck	Size	_____
☐ Sucker	RFS	_____	Corrosion	☐ Yes	☐ Worn	Mo.In Hole	_____
☐ Pony	Pin Break	_____	☐ No	☐ Scaled Up	Split	☐	Pull Rod ☐
					Corrosion	☐ Yes	No ☐

TUBING FAILURE		Jts to Leak _____	OTHER- Explain	
☐ Body	Coating Failure	☐ Yes	No ☐	_____
☐ Pin	Rod on Tbg Wear	☐ Yes	No ☐	_____
☐ Cplg	Corrosion	☐ Yes	No ☐	_____

Pulled Footage:	Description (wt., type, code, etc.)	Ran Footage:	Ran Number-Jts	Coupling Type	Remarks: Set at; Tension; etc.
					PBTD: 17,001'
	FOLLOWING TABS HAVE TBG & PKR DEPTHS				
					PERFS: 10,211'-16,971'
					TAC:
					SN:
					EOT:

WORK PERFORMED	
1	1.00
2	1.00
3	1.00
4	1.00
5	1.00
6	1.00
7	1.00
8	1.00
9	1.00
10	1.00
11	1.00
12	1.00
13	1.00
14	1.00
15	1.00
16	1.00
17	1.00
18	1.00
19	1.00
20	1.00
21	1.00
22	1.00
23	1.00
24	1.00
25	1.00
26	1.00
27	1.00
28	1.00
29	1.00
30	1.00
31	1.00
32	1.00
33	1.00
34	1.00
35	1.00
36	1.00
37	1.00
38	1.00
39	1.00
40	1.00
41	1.00
42	1.00
43	1.00
44	1.00
45	1.00
46	1.00
47	1.00
48	1.00
49	1.00
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51	1.00
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67	1.00
68	1.00
69	1.00
70	1.00
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73	1.00
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75	1.00
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80	1.00
81	1.00
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83	1.00
84	1.00
85	1.00
86	1.00
87	1.00
88	1.00
89	1.00
90	1.00
91	1.00
92	1.00
93	1.00
94	1.00
95	1.00
96	1.00
97	1.00
98	1.00
99	1.00
100	1.00

[illegible]