



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 10-27-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 1		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / JOHNNY DENNIS		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 0		Daily Costs 25,794		Cumulative Cost 25,794		AFE Remaining 5,356,965		AFE % 0.48
Status		RUNING 5.5 PRODUCTION CASING @875								
Comment Summary		RIG UP CASING CREW AND RUN 5.5 CASING.								
24 HR Forecast		RUNING 5.5 PRODUCTION CASING,CEMENT CASING ,SET SLIPS, MAKE FINAL CUT NIPPLE DOWN BOPS.								
24 HR Operational Comments										
From	To	Duration	Operation Description							
04:00PM	08:00PM	4.00	HOLD SAFETY MEETING RIG UP CSG CREW AND CRT TOOL AND CLEAN RIG FLOOR.							
08:00PM	12:00AM	4.00	PICK UP AND MAKE UP FLOAT EQUIPMENT,LATCH COLLAR AND ORIO VALVE AND RUN 5.5 CASING F/O -TO 2982'							
Remarks										
0000 -0600 RUN 5.5 CASING FROM/2982' - TO/8798'										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
ENVIRONMENTAL DRILLING S	2	24.0	24.0							
PIONEER DRILLING	11	24.0	24.0							
HORIZON MUD	1	24.0	24.0							
SDS	2	0.0	0.0							
NEW TECH	1	24.0	24.0							
Total:	17	96.0	96.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)		Casing 10/12/2014 / 1,500.00 (psi)		Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product DIESEL, MUD DIESEL, RIG FUEL				QTY 1,426.0 4,086.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	0	0	0	45,000	
70006	CEMENT AND CEMENTING SERVICES	170,000	0	7,654	7,654	162,346	FLOAT EQUIPMENT
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	0	0	0	9,000	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	0	7,590	7,590	81,410	PIONEER #56
70021	CONTRACT SUPERVISION			578			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			578			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	0	1,155	1,155	78,845	
70022	DIRECTIONAL DRILLING			3,960			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			3,960			
70025	DRILLING FLUIDS	10,000	0	2,668	2,668	7,332	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			157			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			26			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			133			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			20			LIGHT TOWER
70031	EQUIPMENT RENTAL			28			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			83			MANLIFT
70031	EQUIPMENT RENTAL			33			H2S MONITORING
70031	EQUIPMENT RENTAL			28			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			8			TRASH TRAILER
70031	EQUIPMENT RENTAL			28			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			66			ROTATING HEAD
70031	EQUIPMENT RENTAL			26			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			66			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			100			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			25			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			949			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			66			PHONE / INTERNET
70031	EQUIPMENT RENTAL			66			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			28			DD HOUSE
70031	EQUIPMENT RENTAL			50			CAN-VAC
70031	EQUIPMENT RENTAL			274			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			20			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			132			PRE-MIX TANK
70031	EQUIPMENT RENTAL			157			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL	215,890	0	2,768	2,768	213,122	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	0	0	0	301,000	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON			0			MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	0	0	0	285,940	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	0	25,794	25,794	4,884,685	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	0	0	0	300,000	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	0	0	0	35,000	



APACHE CORPORATION

Daily Land - Orig Comp Report

Total Tangible Cost	472,280	0		0	472,280	
Total:	5,382,759	0	25,794	25,794	5,356,965	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 10-28-2014	
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 2
Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / JOHNNY DENNIS			Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP		Objective		
RIG Name PIONEER 56 /			RIG PHONE NO 432-242-6664		RIG Fax No	Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:						
AFE Costs 5,382,759		Previous Day Cum 25,794	Daily Costs 557,964	Cumulative Cost 583,758	AFE Remaining 4,799,001		AFE % 10.84	
Status	NIPPLEING DOWN BOPS							
Comment Summary	RUN PROD CASING TO 16019' ,CIRC CASING CAPACITY, CEMENT PROD CASING							
24 HR Forecast	NIPPLE DOWN BOPS, SET SLIPS , MAKE ROUGH CUT ON CASING, LAY OUT BOPS, MAKE FINAL CUT ,DRESS 5.5 CASING,INSTALL TA CAP,CLEAN MUD TANKS AND RIG DOWN BACKYARD AND FLOOR.							
24 HR Operational Comments								
From	To	Duration	Operation Description					
12:00AM	03:30PM	15.50	RUN 5.5 CASING , 20 # TXP P-110IC CASING AS FOLLOWS; 1 FLT SHOE 1.42' SET @ 16016',1JT CASING, 1 FLT COLLAR 1.16' SET TOP@15970' ,. 1 LATCH COLLAR 1.11,.SET TOP@15969'.1 CASING JOINT. 1 ORIO VALVE 3.46'.SET TOP@ 15922'.1ST MARKER JT 21.15' SET TOP @9406',2ND MARKER JT 19.65' SET TOP @7471'. 383 JTS TOTAL+2 MARKER JTS= 16021',WITH 5' STICK UP.					
03:30PM	05:30PM	2.00	CIRC & RIG DOWN CASING TONGS, MIX WEIGHTED SPACER, RIG UP CEMENT LINES.					
05:30PM	10:00PM	4.50	PJSM/ PIONEER & CREST CEMENTERS:PUMP 5 BBL H2O,TESTED LINES TO 6000 PSI, PUMP 90 BBL 11 PPG GXT TREATED WATER SPACER, LEAD CEMENT - 580 SKS [249 BBLs] OF CLASS H 50/50 POZ, YLD 2.41, WT. 11.9 PPG, H2O 12.62 + ADDITIVES; TAIL CEMENT - 1930 SKS [550 BBLs] OF CLASS H+, YLD - 1.60, WT. 13.2 PPG, H2O 7.58 + ADDITIVES, DISPLACED 333 BBL H2O, FAST RATE 6.5 BPM 2000 PSI,SLOW RATE TO 4 BPM 2670 PSI, BUMP PLUG 3000 PSI, @ 21.36. 10/28/14 FLOATS HELD,233 SACK OF CEMENT RETURN TO SURFACE.					
10:00PM	11:00PM	1.00	RIG DOWN CEMENTERS AND CLEAR RIG FLOOR.					
11:00PM	12:00AM	1.00	HELD SAFTEY MEETING WINCH AND WRENCH NIPPLE DOWN CREW.WASH THRU STACK, REMOVE TURN BUCKLES AND ACCUMULTOR HOSES.					
Remarks								
0000 - 0600 NIPPLE DOWN BOP STACK, SET SLIPS WITH 150K, MAKE ROUGH CUT AND LAY DOWN BOPS.								
Directional Information								
Initial Deviation 7,156	Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911				
Casing / Tubing Information								
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
Personnel								
Company Name	No of People	Hours Today	Cum / Event					
HORIZON MUD	1	24.0	48.0					
SDS	2	0.0	0.0					
PIONEER DRILLING	11	24.0	48.0					
NEW TECH	1	24.0	48.0					
ENVIRONMENTAL DRILLING S	2	24.0	48.0					
Total:	17	96.0	192.0					
Safety Drills								
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS								
Product			QTY					
DIESEL, MUD			0.0					
DIESEL, RIG FUEL			7,136.0					



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW			22,119			CRT TOOLS
70004	CASING CREW			13,056			RUN 5.5 CASING
70004	CASING CREW	45,000	0	35,175	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES			23,150			ORIO VALVE
70006	CEMENT AND CEMENTING SERVICES			130,634			CEMENT CASING
70006	CEMENT AND CEMENTING SERVICES	170,000	7,654	153,784	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	0	0	0	9,000	
70019	CONTRACT DRILLING-DAY/TURKEY	89,000	7,590	23,000	30,590	58,410	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	1,155	3,500	4,655	75,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			12,000			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	12,000	15,960		
70025	DRILLING FLUIDS	10,000	2,668	0	2,668	7,332	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			85			DD HOUSE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			605			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			400			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			300			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			80			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			100			H2S MONITORING
70031	EQUIPMENT RENTAL			400			PRE-MIX TANK
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			2,875			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			273			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL	215,890	2,768	7,823	10,591	205,299	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	0	0	0	301,000	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	0	0	0	285,940	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	25,794	235,282	261,076	4,649,403	



APACHE CORPORATION

Daily Land - Orig Comp Report

71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	0	322,682	322,682	-22,682	16014' 5 1/2 , 20#
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	0	0	0	35,000	
Total Tangible Cost		472,280	0	322,682	322,682	149,598	
Total:		5,382,759	25,794	557,964	583,758	4,799,001	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 10-29-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 3		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 583,758		Daily Costs 143,596		Cumulative Cost 727,354		AFE Remaining 4,655,405		AFE % 13.51
Status		RIGGING DOWN, WAIT ON TRUCKS, CLEAN								
Comment Summary		NIPPLE DOWN STACK, CUT , MAKE FINAL CUT INSTALL WELL CAP, CLEAN PITS, RIGGING DOWN FLOOR & BACKYARD								
24 HR Forecast		WASH RIG, L/D DERRICK, SPLIT SUB, BEGIN RIG REPAIRS								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	NIPPLE DOWN BOP STACK, SET SLIPS WITH 150K, MAKE ROUGH CUT AND LAY DOWN BOPS.							
06:00AM	08:30AM	2.50	MAKE FINAL CUT, INSTALL WELL CAP, TORQUE BOLTS							
08:30AM	04:30PM	8.00	CLEAN MUD TANKS WHILE RIGGING DOWN FLOOR AND BACK YARD.							
04:30PM	12:00AM	7.50	RIGGING DOWN, CLEANING RIG							
Remarks										
00:00-06:00 RIGGING DOWN, WASH RIG, WAIT ON TRUCKS										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade		Depth	Sacks	CMT Top	Packer / SN	TOC Method	
SURFACE	13.38	48	H-40		519.99	545	22.00	-2,145.08	Returns at Surface	
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR		8,064.02			5,398.39		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
HORIZON MUD	1	24.0	72.0							
NEW TECH	1	24.0	72.0							
ENVIRONMENTAL DRILLING S	2	24.0	72.0							
PIONEER DRILLING	11	24.0	72.0							
SDS	2	0.0	0.0							
Total:	17	96.0	288.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)		Casing 10/12/2014 / 1,500.00 (psi)		Last BOP Test 10/12/2014	Next BOP Test 11/2/2014				
BULKS										
Product			QTY							
DIESEL, MUD			0.0							
DIESEL, RIG FUEL			3,458.0							



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR			5,865			NIPPLE DOWN
70017	CONTRACT LABOR			600			TRAILER HOUSE CLEANING 2
70017	CONTRACT LABOR	9,000	0	6,465	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	30,590	23,000	53,590	35,410	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	4,655	3,500	8,155	71,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		15,960	0	15,960		
70025	DRILLING FLUIDS	10,000	2,668	79,983	82,651	-72,651	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			400			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			80			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			273			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			605			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			2,875			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			DD HOUSE
70031	EQUIPMENT RENTAL			300			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			100			H2S MONITORING
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			400			PRE-MIX TANK
70031	EQUIPMENT RENTAL	215,890	10,591	7,823	18,414	197,476	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	0	11,789	11,789	289,211	RIG FUEL
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE			2,258			SHAKER SCREENS
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	0	395	395	285,545	CASING AND CUTOFFS
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	261,076	135,214	396,289	4,514,190	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	



APACHE CORPORATION

Daily Land - Orig Comp Report

71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY			2,060			WELL CAP ASSEMBLY
71056	WELLHEAD ASSEMBLY			6,323			WELL CAP,2" PIPE NIPPLE, BALL VALV
71056	WELLHEAD ASSEMBLY	35,000	0	8,383	8,383	26,617	
Total Tangible Cost		472,280	322,682	8,383	331,065	141,215	
Total:		5,382,759	583,758	143,596	727,354	4,655,405	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 10-30-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 4		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 718,133		Daily Costs 114,306		Cumulative Cost 832,439		AFE Remaining 4,550,320		AFE % 15.46
Status		WASHING SUB,DERRICK, AND PITS								
Comment Summary		RIGGING DOWN								
24 HR Forecast		FINISH CLEANING RIG, AND DOING RIG REPAIRS, SPLIT DERRICK AND SUB								
24 HR Operational Comments										
From 12:00AM	To 12:00AM	Duration 24.00	Operation Description RIGGING DOWN AND WASHING RIG TO LOAD OUT FOR SKIDD PACKAGE							
Remarks										
00:00-06:00 WASHING SUB, DERRICK, PITS										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade		Depth	Sacks	CMT Top	Packer / SN	TOC Method	
SURFACE	13.38	48	H-40		519.99	545	22.00	-2,145.08	Returns at Surface	
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR		8,064.02			5,398.39		
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC		16,016.00	2,510	22.00	5,981.16	Returns at Surface	
Personnel										
Company Name	No of People	Hours Today		Cum / Event						
SDS	2	0.0		0.0						
ENVIRONMENTAL DRILLING & CEMENTATION	2	24.0		96.0						
NEW TECH	1	24.0		96.0						
PIONEER DRILLING	11	24.0		96.0						
HORIZON MUD	1	24.0		96.0						
Total:	17	96.0		384.0						
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)		Casing 10/12/2014 / 1,500.00 (psi)		Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product DIESEL, MUD DIESEL, RIG FUEL				QTY 0.0 3,297.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	53,590	23,000	76,590	12,410	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	8,155	3,500	11,655	68,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	89,710	79,983	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			2,875			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			80			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			400			PRE-MIX TANK
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			273			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			85			DD HOUSE
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			300			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			100			H2S MONITORING
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			605			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			400			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL	215,890	14,134	7,823	21,957	193,933	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	387,068	114,306	501,374	4,409,105	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



APACHE CORPORATION

Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	718,133	114,306	832,439	4,550,320	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 10-31-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 5		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 798,171		Daily Costs 6,205		Cumulative Cost 804,376		AFE Remaining 4,578,383		AFE % 14.94
Status WASHING RIG										
Comment Summary RIGGING DOWN AND CLEANING RIG										
24 HR Forecast LOAD OUT SUB AND CROWN TO BE SENT HOUSTON, START RIG REPAIRS										
24 HR Operational Comments										
From 12:00AM	To 12:00AM	Duration 24.00	Operation Description REMOVE DERRICK FROM FLOOR, TAKE BLOCK OUT OF DERRICK, REMOVE DRAWWORKS, AND FLOOR FROM SUB, SET ALL OTHER RIG EQUIPMENT ASIDE TO BE INSPECTED, LOADED OUT SHAKERS, SHAKER TANK, TO BE SENT TO HOUSTON, STARTED WASHING SUB, TO BE SENT TO HOUSTON.							
Remarks										
00:00-06:00 WASHING RIG										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
PIONEER DRILLING	11	24.0	120.0							
NEW TECH	1	24.0	120.0							
SDS	2	0.0	0.0							
HORIZON MUD	1	24.0	120.0							
Total:	15	72.0	360.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				2,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	11,655	3,500	15,155	64,845	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL	215,890	16,439	2,705	19,144	196,746	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	467,106	6,205	473,311	4,437,168	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



APACHE CORPORATION

Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	798,171	6,205	804,376	4,578,383	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-01-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 6		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 804,376		Daily Costs 6,205		Cumulative Cost 810,581		AFE Remaining 4,572,178		AFE % 15.06
Status CLEANING RIG, AND RIG REPAIRS										
Comment Summary TAKE CROWN SECTION OFF DERRICK TO BE SENT TO HOUSTON, RIG REPAIR, WASH AND CLEAN RIG										
24 HR Forecast RIG REPAIRS										
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	WASH ON SUB, DERRICK, FLOOR,							
06:00AM	01:30PM	7.50	LOAD OUT CROWN SECTION TO BE SENT HOUSTON, RELEASED TRUCKS AT CRANES AT 14:00							
01:30PM	12:00AM	10.50	WASH ON SUB AND PRPAIR RIG TO INSTALL SKID PACKAGE							
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
SDS	2	0.0	0.0							
PIONEER DRILLING	11	24.0	144.0							
NEW TECH	1	24.0	144.0							
HORIZON MUD	1	24.0	144.0							
Total:	15	72.0	432.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				2,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	15,155	3,500	18,655	61,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL	215,890	19,144	2,705	21,849	194,041	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	473,311	6,205	479,516	4,430,963	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



APACHE CORPORATION

Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	804,376	6,205	810,581	4,572,178	



APACHE CORPORATION

Page 1 of 4

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-02-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 7		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 810,581		Daily Costs 6,205		Cumulative Cost 816,786		AFE Remaining 4,565,973		AFE % 15.17
Status		RIG REPAIR								
Comment Summary		RIG REPAIR								
24 HR Forecast		RIG REPAIR								
24 HR Operational Comments										
From 12:00AM	To 11:00PM	Duration 24.00	Operation Description FINISH CLEANING SUB, LOAD OUT SUB, RIG REPAIRS							
Remarks										
00										
00:00 - 06:00 WASH RIG AND DO RIG REPAIRS										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
NEW TECH	1	24.0	168.0							
HORIZON MUD	1	24.0	168.0							
SDS	2	0.0	0.0							
PIONEER DRILLING	11	24.0	168.0							



APACHE CORPORATION

Page 2 of 4

Daily Land - Orig Comp Report

Total:	15	72.0	504.0
--------	----	------	-------

Safety Drills

Rams	Annulars	Casing	Last BOP Test	Next BOP Test
5,000.00 (psi)	1,500.00 (psi)	10/12/2014 / 1,500.00 (psi)	10/12/2014	11/2/2014

BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	2,573.0



APACHE CORPORATION

Page 3 of 4

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	18,655	3,500	22,155	57,845	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL	215,890	21,849	2,705	24,554	191,336	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	479,516	6,205	485,721	4,424,758	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



APACHE CORPORATION

Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	810,581	6,205	816,786	4,565,973	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-03-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 8		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 816,786		Daily Costs 6,205		Cumulative Cost 822,991		AFE Remaining 4,559,768		AFE % 15.29
Status RIG MAINTANCE										
Comment Summary RIG MAINTANCE										
24 HR Forecast RIG MAINTANCE										
24 HR Operational Comments										
From 12:00AM	To 06:00AM	Duration 6.00	Operation Description CLEANING AND POWER WASHING RIG							
06:00AM	06:00PM	12.00	CLEANING RIG,REPLACING MODULES ON #1PUMP,							
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade		Depth	Sacks	CMT Top	Packer / SN	TOC Method	
SURFACE	13.38	48	H-40		519.99	545	22.00	-2,145.08	Returns at Surface	
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR		8,064.02			5,398.39		
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC		16,016.00	2,510	22.00	5,981.16	Returns at Surface	
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
HORIZON MUD	1	24.0	192.0							
SDS	2	0.0	0.0							
PIONEER DRILLING	11	24.0	192.0							
NEW TECH	1	24.0	192.0							
Total:	15	72.0	576.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				2,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	22,155	3,500	25,655	54,345	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL	215,890	24,554	2,705	27,259	188,631	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	485,721	6,205	491,926	4,418,553	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



APACHE CORPORATION

Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	816,786	6,205	822,991	4,559,768	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-04-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 9		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 952,796		Daily Costs 28,380		Cumulative Cost 981,176		AFE Remaining 4,401,583		AFE % 18.23
Status		RIG MAINTANCE								
Comment Summary		RIG MAINTANCE								
24 HR Forecast		RIG MAINTANCE								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	REMOVE #1 & #2 WATER PUMPS, WASH DERRICK AND TOP DRIVE FOR INSPECTION							
06:00AM	12:00PM	6.00	INSTALL LOAD HITCH AND POLES ON KOOMEY SKID,CUT SKID ON TOP DRIVE HOUSE,CUT HOPPER OUT OF HOUSE,CUT HARD LINES OUT OF SUIT CASES, INSTALL HARDLINES ON PUMP							
12:00PM	06:00PM	6.00	CHANGE OUT BRAKE WATER PUMP, PICK UP LOOSE METAL AROUND LOCATION AND TRASH, CHANGE OUT CROSS HEAD PIN ON # 1 PUMP, REMOVE WIRWES FROM TOP DRIVE SUITCASE, CLEAN OUT CHOKE HOUSE							
06:00PM	12:00AM	6.00	REMOVE ROTATING HEAD FROM HYDRILL, PUT ALL NUTS BACK ON DSA AND SPACER SPOIL, CLEAN LOCATION							
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
SDS	2	0.0	0.0							
PIONEER DRILLING	11	24.0	216.0							
NEW TECH	1	24.0	216.0							
HORIZON MUD	1	24.0	216.0							
Total:	15	72.0	648.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product DIESEL, MUD DIESEL, RIG FUEL				QTY 0.0 1,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,165	0	38,165	-29,165	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	139,840	23,000	162,840	-73,840	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	25,655	3,500	29,155	50,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL	215,890	24,284	1,880	26,164	189,726	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	621,731	28,380	650,111	4,260,368	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



APACHE CORPORATION

Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	952,796	28,380	981,176	4,401,583	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-05-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 10		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 981,176		Daily Costs 28,680		Cumulative Cost 1,009,856		AFE Remaining 4,372,903		AFE % 18.76
Status RIG MAINTENANCE										
Comment Summary RIG MAINTENANCE										
24 HR Forecast RIG MAINTENANCE										
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	SLIDE CENTRIFUGE PUMPS FORWARD ON PUMPS AND PUMPHOUSE, CHECKED IMPELLERS-ALL GOOD, CLEAN CHANGE HOUSE, LOAD LIGHTS AND ELECTRICAL COMPONENTS IN CO. MAN CONEX							
06:00AM	12:00PM	6.00	FINISHED JUNK BOX, MOVED BRAKE WATER 3' ON DRAWWORKS, WORK ON # 2 PUMP WITH BRIDGES, FINISH INSPECTING #1 GENERATOR, CUT LOADING HITCH AND SOME FLOOR TO SHORTEN SKID WORK ON BRAKE WATER TANK							
12:00PM	06:00PM	6.00	EXTENDING STAIRS, CUT OFF CHOKE WALLS, CUT KOOMEY SKID TI MAKE HOPPER SKID, CUT WALLS OFF #3 GEN SHED							
06:00PM	12:00AM	6.00	CLEAN KOOMEY,PICK UP TRASH, WASH SUITCASE, REMOVE LIGHT OUT OF GENERATOR #3, DRAIN ANTI-FREEZE OUT OF GENERATORS #2 & #3, INSTALL HEATER CORE IN BRAKE COOLING SYSTEM							
Remarks										
RIG MAINTENANCE										
Directional Information										
Initial Deviation 7,156	Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911						
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
HORIZON MUD	1	24.0	240.0							
NEW TECH	1	24.0	240.0							
PIONEER DRILLING	11	24.0	240.0							
SDS	2	0.0	0.0							
Total:	15	72.0	720.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				1,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,165	300	38,465	-29,465	CLEAN TRAILERS
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	162,840	23,000	185,840	-96,840	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	29,155	3,500	32,655	47,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL	215,890	26,164	1,880	28,044	187,846	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	650,111	28,680	678,791	4,231,688	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



APACHE CORPORATION

Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	981,176	28,680	1,009,856	4,372,903	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-06-2014		
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 11	
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS	
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP	

AFE #:	11-14-0451-CP	AFE Description:					
AFE Costs 5,382,759	Previous Day Cum 996,056	Daily Costs 84,080	Cumulative Cost 1,080,136	AFE Remaining 4,302,623	AFE % 20.07		

Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	12:00PM	12.00	WORK ON BRAKE WATER TANK, FINISH INSTALLING LOAD HITCH, EXTENDING RIG FLOOR STAIRS, EXTEND & REMOVE HOPPER HOUSE ROOF TO EXTEND 4" TO MAKE LEVEL WITH MUD PITS, CUT OFF WALLS TO #3 GENERATOR, INSTALL #3 MODULE ON MUD PUMP #2, INSTALL SUCTION HARD LINES, REPLACING ALL RUBBER WITH HARD LINE.
12:00PM	06:00PM	6.00	WORK ON 4" MUDLINE, REPLACE ALL CENTER STEEL IN SUITCASE, CUT SUITCASE DOWN TO FIT SKID PACKAGE, WORK ON TRIP TANK FLOOR AND HANDRAILS, INSTALL WRIST PINS ON PUMPS AND PONY ROD SEALS, WORK ON #2 GENERATOR, INSTALL #1 RADIATOR, INSPECT BRAKE BANDS, PLUMB PUMPS TO BRAKE WATER TANK
06:00PM	12:00AM	6.00	NEEDLE GUN TOP DOGHOUSE, PRIME STAIRS.

Remarks
RIG MAINTENANCE

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
----------------------------	-----------------------------	---------------------------------

Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
PIONEER DRILLING	11	24.0	264.0
SDS	2	0.0	0.0
NEW TECH	1	24.0	264.0
HORIZON MUD	1	24.0	264.0
Total:	15	72.0	792.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
------------------------	----------------------------	---------------------------------------	-----------------------------	----------------------------

BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	172,040	20,700	192,740	-103,740	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	32,655	3,500	36,155	43,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL	215,890	28,044	1,880	29,924	185,966	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION			58,000			SET RIG OFF HOLE
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	664,991	84,080	749,071	4,161,408	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



APACHE CORPORATION

Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	996,056	84,080	1,080,136	4,302,623	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-07-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 12		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,080,136		Daily Costs 26,830		Cumulative Cost 1,106,966		AFE Remaining 4,275,793		AFE % 20.57
Status		RIG MAINTENANCE								
Comment Summary		RIG MAINTENANCE								
24 HR Forecast		RIG MAINTENANCE								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	NEEDLE GUN TOP DOGHOUSE, PRIME STAIRS.							
06:00AM	12:00PM	6.00	EXND STAIRS, PUT POLES ON HOPPER SKID, WORK ON HAND RAILS AND SOCKETS ON TRIP TANK, PLUM BRAKE TANK, FINISHED LOADIND HITCH AND FLOOR ON WATER TANK, FINISHED SIDE ON EXTENDING WATER TANK, PAINT JUNK BASKET							
12:00PM	06:00PM	6.00	PUT ROOF ON HOPPER SKID, INSTALL MUD LINE IN SUITCASE, PAINT KOOMEY, FINISH OVERHEAD INSPECTION ON #2 GENERATOR, START #3 GEN INSPECTION, PRIME DOGHOUSE FLOOR, PAINT INSIDE WALLS AND ROOF ON DOGHOUSE, INSTALL ROOF ON BRAKE WATER TANK							
06:00PM	12:00AM	6.00	NEEDLE GUN TOP DOGHOUSE, PRIME STAIRS, HELP WELDERS, GET #3 GENERATOR READY TO PULL OUT							
Remarks										
RIG MAINTENANCE										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
PIONEER DRILLING	11	24.0	288.0							
SDS	2	0.0	0.0							
NEW TECH	1	24.0	288.0							
HORIZON MUD	1	24.0	288.0							
Total:	15	72.0	864.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				1,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	192,740	20,700	213,440	-124,440	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	36,155	3,500	39,655	40,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			750			2-TRASH TRL DISPOSAL
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL	215,890	29,924	2,630	32,554	183,336	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	749,071	26,830	775,901	4,134,578	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	



APACHE CORPORATION

Daily Land - Orig Comp Report

71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,080,136	26,830	1,106,966	4,275,793	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-08-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 13		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,106,966		Daily Costs 26,080		Cumulative Cost 1,133,046		AFE Remaining 4,249,713		AFE % 21.05
Status		RIG MAINTENANCE								
Comment Summary		RIG MAINTENANCE								
24 HR Forecast		RIG MAINTENANCE								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	CLEAN AND CHASE ALL STUDS ON STACK AND HYDRILL, REMOVE POP OFFS AND 4" VALVE ON MUD PUMPS							
06:00AM	12:00PM	6.00	DO OVERHEAD INSPECTION ON PROTEC, WORK ON INSPECTION #3 GENERATOR, CHANGE VALVES ON SUCTION TAN AND HOPPER, FINISH ROOF ON BRAKE WATER TANK, CLEAN LOCATION							
12:00PM	06:00PM	6.00	WORK ON CHANGING MUD PUMP GAUGES TO FLANGE STYLE INSTAED OF THREADED, CHANGE OUT 4" VALVES ON BOTH MUD PUMPS, FINISH ROOF ON HOPPER HOUSE, FINISH #3 OVERHEAD INSPECTION ON #3 GENERATOR, START ON GAS BUSTER SKID, START WORKING ON HAND RAILS FOR HOPPER HOUSE.							
06:00PM	12:00AM	6.00	CLEAN OUT JUNK BOX, HELP WELDERS							
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
HORIZON MUD	1	24.0	312.0							
SDS	2	0.0	0.0							
NEW TECH	1	24.0	312.0							
PIONEER DRILLING	11	24.0	312.0							
Total:	15	72.0	936.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				1,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	213,440	20,700	234,140	-145,140	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	39,655	3,500	43,155	36,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL	215,890	32,554	1,880	34,434	181,456	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	775,901	26,080	801,981	4,108,498	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



APACHE CORPORATION

Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,106,966	26,080	1,133,046	4,249,713	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-09-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 14		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,133,046		Daily Costs 26,080		Cumulative Cost 1,159,126		AFE Remaining 4,223,633		AFE % 21.53
Status		RIG MAINTENANCE								
Comment Summary		RIG MAINTENANCE								
24 HR Forecast		RIG MAINTENANCE								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	PICK UP TRASH AND SCRAP METAL, WASH V-DOOR, HELP WELDERS							
06:00AM	12:00PM	6.00	WORK ON HANDRAILS ON HOPPER SKID, FINISHED PLUMMING BRAKE WATER TANK, MOVE DOOR ON DOGHOUSE, WORK ON GENERATOR FILTER STAND, REMOVE STAND AND HEATER FROM WATER TANK, PAINT HAND RAILS, PLUMMING SUITCASES							
12:00PM	06:00PM	6.00	WORK ON LOAD HITCH FOR TRIP TANK, FINISH HANDRAILS ON BRAKE WATER TANK, WORK ON SUCTION ON BOTH PUMPS, WORK ON POP OFFS, CHANGING TO HAMMER UNIONS, CUT OUT FOR DOGHOUSE WINDOW							
06:00PM	12:00AM	6.00	HELP WELDERS, CLEAN UP LOCATION, WASH AND CLEAN OUT WATER TANK							
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
PIONEER DRILLING	11	24.0	336.0							
HORIZON MUD	1	24.0	336.0							
NEW TECH	1	24.0	336.0							
SDS	2	0.0	0.0							
Total:	15	72.0	1,008.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)		Casing 10/12/2014 / 1,500.00 (psi)		Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				1,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	234,140	20,700	254,840	-165,840	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	43,155	3,500	46,655	33,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL	215,890	34,434	1,880	36,314	179,576	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	801,981	26,080	828,061	4,082,418	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



APACHE CORPORATION

Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,133,046	26,080	1,159,126	4,223,633	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-10-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 15		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,159,126		Daily Costs 26,080		Cumulative Cost 1,185,206		AFE Remaining 4,197,553		AFE % 22.02
Status		RIG MAINTENANCE								
Comment Summary		RIG MAINTENANCE								
24 HR Forecast		RIG MAINTENANCE								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	CLEANOUT MUD MIX UNITS, WASH DERRICK STAND, CLEAN FLOWLINE, HELP WELDER, PICK UP SCRAP METAL							
06:00AM	12:00PM	6.00	FINISH TRIP TANK, LAY OUT HEADACHE RACK, PLUM IN 2" WATER LINE ON SIDE OF MUD TANK, PRIME CAGE ON TOP DRIVE HOUSE, MOVE HANDRAILS ON TOP OF MUD TANKS,							
12:00PM	06:00PM	6.00	PRIME HOPPER HOUSE STAIRWAY, V-DOOR, WORK ON WINDOW ON DOGHOUSE, WELD 4" UNION ON MUD LINES, WORK ON WATER SYSTEM ON WATER PUMP							
06:00PM	12:00AM	6.00	HELP WELDERS, PAINTING V-DOOR, WORK ON DOGHOUSE, WORK ON MUD TANKS							
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
SDS	2	0.0	0.0							
NEW TECH	1	24.0	360.0							
PIONEER DRILLING	11	24.0	360.0							
HORIZON MUD	1	24.0	360.0							
Total:	15	72.0	1,080.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				1,573.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	254,840	20,700	275,540	-186,540	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	46,655	3,500	50,155	29,845	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL	215,890	36,314	1,880	38,194	177,696	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	828,061	26,080	854,141	4,056,338	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



APACHE CORPORATION

Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,159,126	26,080	1,185,206	4,197,553	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-11-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTB	RKB/RT 2,665.00	Working Int % 100.00	Report No 16		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,185,206		Daily Costs 27,452		Cumulative Cost 1,212,657		AFE Remaining 4,170,102		AFE % 22.53
Status RIG MAINTENANCE										
Comment Summary RIG MAINTENANCE										
24 HR Forecast RIG MAINTENANCE										
24 HR Operational Comments										
From 12:00AM	To 12:00AM	Duration 24.00	Operation Description WELD ON RIG EQUIPMENT, STAIRS, WATER & FUEL TANKS, DERRICK STD, DOGHOUSE, SUITCASES. PAINT RIG EQUIP, INSTALL CENT PUMPS, C/O VALVES ETC							
Remarks										
RIG MAINTENANCE										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description		Size	Weight	Grade		Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE		13.38	48	H-40		519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1		9.63	40	H-40, HCL-80, L-80 EXR		8,064.02			5,398.39	
PRODUCTION 1		5.50	20	P-110 (HC), P-110 HC, P 110 HC		16,016.00	2,510	22.00	5,981.16	Returns at Surface
Personnel										
Company Name		No of People		Hours Today		Cum / Event				
PIONEER DRILLING		11		24.0		384.0				
SDS		2		0.0		0.0				
HORIZON MUD		1		24.0		384.0				
NEW TECH		1		24.0		384.0				
Total:		15		72.0		1,152.0				
Safety Drills										
Rams 5,000.00 (psi)		Annulars 1,500.00 (psi)		Casing 10/12/2014 / 1,500.00 (psi)		Last BOP Test 10/12/2014		Next BOP Test 11/2/2014		
BULKS										
Product						QTY				
						0.0				
DIESEL, MUD						0.0				
DIESEL, RIG FUEL						1,573.0				



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	275,540	20,700	296,240	-207,240	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	50,155	3,500	53,655	26,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL	215,890	38,194	1,880	40,074	175,816	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	1,372	10,847	275,094	VAC TRUCK SERVICES
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	854,141	27,452	881,593	4,028,886	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



APACHE CORPORATION

Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,185,206	27,452	1,212,657	4,170,102	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-12-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 17		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM / JOHNNY DENNIS		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,212,657		Daily Costs 32,767		Cumulative Cost 1,245,425		AFE Remaining 4,137,334		AFE % 23.14
Status Comment Summary 24 HR Forecast		WAITING ON DAYLIGHT RIG MAINTENANCE RIG MAINTENANCE								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	WINTERIZE BUNK HOUSES,PICK UP SCRAP IORN AROUND LOCATION AND TRASH,FINISH WELDING PARTS HOUSE, FINISH AND PUT NEW FLANGES ON 2" AND 3" LINES ON MUD TANKS.							
06:00AM	10:00AM	4.00	PJSM.CUT AND ROTATE AND WELD GAS BUSTER.BUILD DRILLER COVER, HELP WELDERS AND PAIT DERRICK.							
10:00AM	01:00PM	3.00	INSTALL 4" VALVE ON PUMPS #1 AND #2 INSTALL PUMP PRESSURE GAUGE ON PUMP # 1AND # 2.INSTALL POP OFFS ON PUMP # 1 AND #2. PAINT NEW PARTS HOUSE AND HELP WELDERS.							
01:00PM	06:00PM	5.00	FINISH PAINTING DERRICK, INSTALL VALVES ON MUD PITS ,PICK UP TRASH ON LOCATION, LOAD HOT SHOT TRUCK WITH SCRAP IRON.							
06:00PM	12:00AM	6.00	WAIT ON DAYLIGHT							
Remarks										
0000 - 0600 WAIT ON DAYLIGHT.										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
NEW TECH	1	24.0	408.0							
PIONEER DRILLING	11	24.0	408.0							
HORIZON MUD	1	24.0	408.0							
SDS	2	24.0	24.0							
Total:	15	96.0	1,248.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				3,574.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	300	38,765	-29,765	TRAILER HOUSE CLEANING
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	296,240	20,700	316,940	-227,940	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	53,655	3,500	57,155	22,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL	215,890	40,074	1,880	41,954	173,936	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	6,387	18,177	282,823	RIG FUEL
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	0	10,847	275,094	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	881,593	32,767	914,360	3,996,119	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



APACHE CORPORATION

Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,212,657	32,767	1,245,425	4,137,334	



APACHE CORPORATION

Page 1 of 3

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 11-13-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 18		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM / JOHNNY DENNIS		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,245,947		Daily Costs 26,080		Cumulative Cost 1,272,027		AFE Remaining 4,110,732		AFE % 23.63
Status Comment Summary 24 HR Forecast		WAITING ON DAYLIGHT RIG MAINTENANCE RIG MAINTENANCE								
24 HR Operational Comments										
From	To	Duration	Operation Description							
12:00AM	06:00AM	6.00	WAIT ON DAYLIGHT							
06:00AM	10:00AM	4.00	PJSM.W/ THIRD PARTY LOAD OUT SCRAP METAL ON TRUCKS, HELP WELDERS, REPLACE VALVES ON MUD PITS							
10:00AM	02:00PM	4.00	WELDIESEL LINES,HELP WELDER WELD DRILLERS COVER WELD SHAKERS, WELD WATER LINES IN SUB AND CLEAN UP LOCATION.							
02:00PM	06:00PM	4.00	REPLACE DERRICK SHOE BOLTS AND INSTALL 2" POP OFF LINES ON MUD PUMPS							
06:00PM	12:00AM	6.00	WAITING ON DAY LIGHT.							
Remarks										
0000 - 0600 WAITING ON DAYLIGHT										
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
HORIZON MUD	1	24.0	432.0							
SDS	2	24.0	48.0							
PIONEER DRILLING	11	24.0	432.0							
NEW TECH	1	24.0	432.0							
Total:	15	96.0	1,344.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)			Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS										
Product				QTY						
				0.0						
DIESEL, MUD				0.0						
DIESEL, RIG FUEL				3,574.0						



APACHE CORPORATION

Page 2 of 3

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	316,940	20,700	337,640	-248,640	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	57,155	3,500	60,655	19,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL	215,890	41,954	1,880	43,834	172,056	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	0	10,847	275,094	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
Total Intangible Cost		4,910,479	914,882	26,080	940,962	3,969,517	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



APACHE CORPORATION

Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,245,947	26,080	1,272,027	4,110,732	



APACHE CORPORATION

Page 1 of 2

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 12-05-2014			
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 19		
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor COBY WILHELM / JOHNNY DENNIS		Engineer / Geologist DUSTIN PETRAITIS		
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective	
RIG Name PIONEER 56 /				RIG PHONE NO 432-242-6664		RIG Fax No		Tool Pusher CD KEMP		
AFE #: 11-14-0451-CP		AFE Description:								
AFE Costs 5,382,759		Previous Day Cum 1,272,027		Daily Costs 30,796		Cumulative Cost 1,302,823		AFE Remaining 4,079,936		AFE % 24.20
Status WOF										
Comment Summary		RIH W GR & JB TO 8821', RIH W/ GR,CCL, RCBL TO 8851' LOGGED OOH W/ 2000 PSI. TOC: SURFACE. RU PUMPS TEST LINES, LOAD BS TO 1500 PSI, PUT AWAY 24 BBLs BBLs 15 % HCL. RIH W/ GUNS & PERFORATED @15,897, 15847, 15797, 15,747.								
24 HR Forecast		WOF								
24 HR Operational Comments										
From 01:00PM	To 07:00PM	Duration 6.00	Operation Description PU RIH W 4.625 GR & JB TO 8821',PU RIH W/GAMMA RAY,CCL, RCBL TO 8851' LOGGED TO SURFACE W/ 2000 PSI. TOC: SURFACE. RU PUMPS & W/L. TEST LINES TO 9500#. LOAD BD TO 1500 PSI. TEST CSG 5K/5MIN. TEST CSG 7K/30 MIN. TEST GOOD. BROUGHT PUMPS ONLINE PUT AWAY 24 BBLs BBLs 15 % HCL W/ 360 BBLs TW 5980 PSI @ 18 BPM. PU RIH W/ 3-1/8" SDP 3323-323T, 22.7 gm, 35.10".042 HOLE 6 SPF, GUNS TO 7000'. BROUGHT PUMPS ONLINE, PMP GUNS DWN W/ 18 BPM @ 6200 PSI. PERFORATED @ 15,897, 15,847, 15797, 15,747.							
Directional Information										
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911					
Casing / Tubing Information										
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method		
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface		
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39			
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface		
Personnel										
Company Name	No of People	Hours Today	Cum / Event							
SDS	2	24.0	72.0							
PIONEER DRILLING	11	24.0	456.0							
NEW TECH	1	24.0	456.0							
HORIZON MUD	1	24.0	456.0							
Total:	15	96.0	1,440.0							
Safety Drills										
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014		Next BOP Test 11/2/2014					
BULKS										
Product			QTY							
			0.0							
DIESEL, MUD			0.0							
DIESEL, RIG FUEL			3,574.0							



APACHE CORPORATION

Page 2 of 2

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	1,000	1,000	4,000	CHARLES GRAVES
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	337,640	0	337,640	-248,640	
70021	CONTRACT SUPERVISION	80,000	60,655	0	60,655	19,345	
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	
70031	EQUIPMENT RENTAL	215,890	43,834	3,500	47,334	168,556	PEAK
70034	FORMATION STIMULATION	2,771,919	0	7,329	7,329	2,764,590	PETROPLEX
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		
70049	LOGGING	298,000	0	18,967	18,967	279,033	RENEGADE
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	0	10,847	275,094	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
Total Intangible Cost		4,910,479	940,962	30,796	971,758	3,938,721	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,272,027	30,796	1,302,823	4,079,936	



APACHE CORPORATION

Page 1 of 2

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 03-25-2015		
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 20	
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor CHARLES GRAVES		Engineer / Geologist MICHAEL LYON	
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective
RIG Name				RIG PHONE NO		RIG Fax No		Tool Pusher	
AFE #: 11-14-0451-CP		AFE Description:							
AFE Costs 5,382,759		Previous Day Cum 1,318,203		Daily Costs 6,201		Cumulative Cost 1,324,404		AFE Remaining 4,058,355	AFE % 24.60
Status WOF		Comment Summary MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO							
24 HR Forecast WOF									
24 HR Operational Comments									
From 07:00AM	To 09:00AM	Duration 2.00	Operation Description MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO						
Directional Information									
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911				
Casing / Tubing Information									
Description	Size	Weight	Grade		Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40		519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR		8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC		16,016.00	2,510	22.00	5,981.16	Returns at Surface
Personnel									
Company Name	No of People	Hours Today	Cum / Event						
HORIZON MUD	1	24.0	480.0						
NEW TECH	1	24.0	480.0						
SDS	2	24.0	96.0						
PIONEER DRILLING	11	24.0	480.0						
Total:	15	96.0	1,536.0						
Safety Drills									
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)		Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS									
Product				QTY					
				0.0					
DIESEL, MUD				0.0					
DIESEL, RIG FUEL				3,574.0					



APACHE CORPORATION

Page 2 of 2

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70007	CHEMICALS (WSS)			1,500			BIO, SCALE, CORROSION
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	1,000	500	1,500	3,500	CHARLES GRAVES
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	337,640	0	337,640	-248,640	
70021	CONTRACT SUPERVISION	80,000	60,655	0	60,655	19,345	
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	
70031	EQUIPMENT RENTAL			50			FRAC TANK
70031	EQUIPMENT RENTAL			145			MASTER VALVE
70031	EQUIPMENT RENTAL	215,890	47,334	195	47,529	168,361	
70034	FORMATION STIMULATION	2,771,919	7,329	0	7,329	2,764,590	
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		
70046	LAND AND SITE RECLAMATION		15,381	0	15,381		
70049	LOGGING	298,000	18,967	0	18,967	279,033	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	700	11,547	274,394	WINCH TRUCK
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
70187	PUMP TRUCK SERVICE			3,306			PETROPLEX
Total Intangible Cost		4,910,479	987,139	6,201	993,340	3,917,139	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,318,203	6,201	1,324,404	4,058,355	



APACHE CORPORATION

Page 1 of 2

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM							DATE 03-25-2015		
Operator APACHE CORPORATION		API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 20	
Region PERMIAN		District SE DISTRICT - TX CZ		License		Well Supervisor CHARLES GRAVES		Engineer / Geologist MICHAEL LYON	
Field SPRAYBERRY		State		County		Event Code LCM		Event Type LAND-ORIG COMP	Objective
RIG Name				RIG PHONE NO		RIG Fax No		Tool Pusher	
AFE #: 11-14-0451-CP		AFE Description:							
AFE Costs 5,382,759		Previous Day Cum 1,318,203		Daily Costs 2,750		Cumulative Cost 1,320,953		AFE Remaining 4,061,806	AFE % 24.54
Status WOF		Comment Summary MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO							
24 HR Forecast WOF									
24 HR Operational Comments									
From 07:00AM	To 09:00AM	Duration 2.00	Operation Description MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO						
Directional Information									
Initial Deviation 7,156		Max Dev 94.0deg at 9,068			Max Dogleg 18.9 deg at 8,911				
Casing / Tubing Information									
Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method	
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface	
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39		
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface	
Personnel									
Company Name	No of People	Hours Today	Cum / Event						
HORIZON MUD	1	24.0	480.0						
NEW TECH	1	24.0	480.0						
SDS	2	24.0	96.0						
PIONEER DRILLING	11	24.0	480.0						
Total:	15	96.0	1,536.0						
Safety Drills									
Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)		Last BOP Test 10/12/2014		Next BOP Test 11/2/2014			
BULKS									
Product				QTY					
				0.0					
DIESEL, MUD				0.0					
DIESEL, RIG FUEL				3,574.0					



APACHE CORPORATION

Page 2 of 2

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70007	CHEMICALS (WSS)			1,500			BIO, SCALE, CORROSION
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	1,000	500	1,500	3,500	CHARLES GRAVES
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	337,640	0	337,640	-248,640	
70021	CONTRACT SUPERVISION	80,000	60,655	0	60,655	19,345	
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	
70031	EQUIPMENT RENTAL	215,890	47,334	50	47,384	168,506	FRAC TANK
70034	FORMATION STIMULATION	2,771,919	7,329	0	7,329	2,764,590	
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		
70046	LAND AND SITE RECLAMATION		15,381	0	15,381		
70049	LOGGING	298,000	18,967	0	18,967	279,033	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	700	11,547	274,394	WINCH TRUCK
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
70187	PUMP TRUCK SERVICE			0			PETROPLEX
Total Intangible Cost		4,910,479	987,139	2,750	989,889	3,920,590	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,318,203	2,750	1,320,953	4,061,806	



APACHE PARTNER REPORT

Page 1 of 1

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM

API/UWI: 4238338757

Rig: PIONEER 56, 10/1/2014 12:00

Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY

Field Name: SPRAYBERRY

Target Depth (ftKB): 16,400

Operator: APACHE CORPORATION

District: SE District

State/Province: TEXAS

Target Formation: WOLFCAMP (HORIZONTAL)

Working Interest (%):

County: REAGAN

Spud Date: 10/1/2014

AFE Number: 11-14-0451-CP

Supplemental AFE Number:

AFE Description:

Total AFE + Supp Amount (Cost): \$5,382,759

Report Start Date: 7/27/2015

Report Number: 32

End Depth (ftKB): 0

End Depth (TVD) (ftKB):

Days From Spud (days): 299.50

Job Day (days): 274.0

Depth Progress (ft):

Rotating Time (hr):

Last Mud Check Density (lb/gal):

Daily Field Est Total (Cost): \$31,520

Cum Field Est To Date (Cost): \$3,796,220

Current Status:

24 Hour Forecast: DRILL OUT PLUGS

24 Hour Summary: MIRU WOU AND ALL OTHER SERVICES FOR DRILL OUT.

Operations Summary

Start Time	End Time	Dur (hr)	Phase	Op Code	Op Type	Operation Details
00:00	07:00	7.00		WOD	PP	WODL
07:00	08:00	1.00		RU_RD	PP	HELD SSAFETY MEETING.
08:00	14:00	6.00		MEASUR	PP	MIRU GLOBE WOR. NU BOP, HYDRIL. TESTED TO 2,500#. MI W/ WORKSTRING AND OFF LOAD TO RACKS. COUNT ALL AND TALLY TOP LAYER. 532 JOINTS TOTAL.
14:00	19:00	5.00		RIH	PP	PU (1) .46 X 4 5/8 JZ BIT (1) 1.82 X 3 5/8 BIT SUB (1) 1.77 X 3 5/8 FLOAT NIPPLE (1) 31.68 X 2 7/8 SPACER JOINT (1) 1.92 X 3 5/8 FLOAT NIPPLE. PU AND RIH W/ WORKSTRING.
19:00	20:00	1.00		MEASUR	PP	TALLY 2ND LAWYER OF TUBING, CONTINUE RIH.
20:00	22:00	2.00		RIH	PP	CONTINUE IN HOLE W/ WORKSTRING. TAG CAP PLUG @ 7,878' W/ JOINT # 254
22:00	22:30	0.50		RU_RD	PP	PICK UP SWIVEL.
22:30	23:00	0.50		DOPS	PP	TAG CAP PLUG @ 7,878' W/ JOINT # 254 DOT = 7 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,800 PSI WHP = 700 PSI TORQU = 1,900 FT LBS. SEND 5 BBL SWEEP. CIH
23:00	00:00	1.00		RIH	PP	LAY DOWN SWIVEL AND CONTINUE IN HOLE W/ WORKSTRING TO PLUG # 1



APACHE PARTNER REPORT

Page 1 of 2

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM					
API/UWI: 4238338757		Operator: APACHE CORPORATION		Working Interest (%):	
Rig: PIONEER 56, 10/1/2014 12:00		District: SE District			
Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY					
Field Name: SPRAYBERRY		State/Province: TEXAS		County: REAGAN	
Target Depth (ftKB): 16,400		Target Formation: WOLFCAMP (HORIZONTAL)		Spud Date: 10/1/2014	
AFE Number: 11-14-0451-CP			Supplemental AFE Number:		AFE Description:
Total AFE + Supp Amount (Cost): \$5,382,759					

Report Start Date: 7/28/2015 **Report Number:** 33
End Depth (ftKB): 0 **End Depth (TVD) (ftKB):** **Days From Spud (days):** 300.50 **Job Day (days):** 275.0
Depth Progress (ft): **Rotating Time (hr):** **Last Mud Check Density (lb/gal):**
Daily Field Est Total (Cost): \$25,482 **Cum Field Est To Date (Cost):** \$3,821,702
Current Status: DRILL OUT PLUG 8 OF 31
24 Hour Forecast: DRILL OUT PLUGS
24 Hour Summary: DRILL OUT PLUGS

Operations Summary

Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
00:00	00:30	0.50	Drill Out, STAGE 31, DRILL-OUT	DOPS	PP	TAG PLUG # 1 @ 9,126' W/ JOINT # 290 DOT = 9 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 800 PSI WHP = 800 PSI TORQUE = 2,200 FT LBS. SEND 5 BBL SWEEP. CIH
00:30	01:00	0.50	Drill Out, STAGE 31, DRILL-OUT	DOPS	PP	TAG PLUG # 2 @ 9,310' W/ JOINT # 296 DOT = 8 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 800 PSI WHP = 800 PSI TORQUE = 3,000 FT LBS. SEND 5 BBL SWEEP. CIH
01:00	01:30	0.50	Drill Out, STAGE 31, DRILL-OUT	DOPS	PP	TAG PLUG # 3 @ 9,505' W/ JOINT # 303 DOT = 8 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 900 PSI WHP = 550 PSI TORQUE = 3,000 FT LBS. SEND 5 BBL SWEEP. CIH
01:30	02:30	1.00	Drill Out, STAGE 28, DRILL-OUT	DOPS	PP	TAG PLUG # 4 @ 9,713' W/ JOINT # 309 DOT = 9 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,000 PSI WHP = 550 PSI TORQUE = 3,000 FT LBS. SEND 5 BBL SWEEP. CIH
02:30	03:30	1.00	Drill Out, STAGE 27, DRILL-OUT	DOPS	PP	TAG PLUG # 5 @ 9,912' W/ JOINT # 316 DOT = 11 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,000 PSI WHP = 550 PSI TORQUE = 3,000 FT LBS. SEND 5 BBL SWEEP. CIH
03:30	04:00	0.50	Drill Out, STAGE 27, DRILL-OUT	DOPS	PP	TAG PLUG # 6 @ 10,110' W/ JOINT # 322 DOT = 20 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,500 PSI WHP = 650 PSI TORQUE = 3,100 FT LBS. SEND 5 BBL SWEEP. CIH
04:00	05:00	1.00	Drill Out, STAGE 25, DRILL-OUT	DOPS	PP	TAG PLUG # 7 @ 10,304' W/ JOINT # 328 DOT = 15 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,600 PSI WHP = 650 PSI TORQUE = 3,100 FT LBS. SEND 5 BBL SWEEP. CIH
05:00	06:00	1.00	Drill Out, STAGE 24, DRILL-OUT	DOPS	PP	TAG PLUG # 8 @ 10,510' W/ JOINT # 335 DOT = 12 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,600 PSI WHP = 650 PSI TORQUE = 3,100 FT LBS. SEND 20 BBL SWEEP. START FULL CIRCULATION
06:00	07:00	1.00	Drill Out, STAGE 31, DRILL-OUT	CIRC	PP	CIRCULATE HOLE CLEAN W/ 215 BBLs. SWEEP TO SURFACE. CIH
07:00	08:30	1.50	Drill Out, STAGE 23, DRILL-OUT	DOPS	PP	TAG PLUG # 9 @ 10,716' W/ JOINT # 341 DOT = 23 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,600 PSI WHP = 650 PSI TORQUE = 3,100 FT LBS. SEND 5 BBL SWEEP. CIH
08:30	09:30	1.00	Drill Out, STAGE 31, DRILL-OUT	DOPS	PP	TAG PLUG # 10 @ 10,956' W/ JOINT # 349 DOT = 14 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,675 PSI WHP = 750 PSI TORQUE = 3,600 FT LBS. SEND 5 BBL SWEEP. CIH
09:30	10:30	1.00	Drill Out, STAGE 21, DRILL-OUT	DOPS	PP	TAG PLUG # 11 @ 11,178' W/ JOINT # 356 DOT = 16 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 700 PSI TORQUE = 3,750 FT LBS. SEND 5 BBL SWEEP. CIH

**APACHE PARTNER REPORT**

Page 2 of 2

**REGION: Permian
TYPE: OPERATED**

Operations Summary						
Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
10:30	11:30	1.00	Drill Out, STAGE 20, DRILL-OUT	DOPS	PP	TAG PLUG # 12 @ 11,381' W/ JOINT # 362 DOT = 18 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 700 PSI TORQUE = 3,750 FT LBS. SEND 5 BBL SWEEP. CIH
11:30	12:30	1.00	Drill Out, STAGE 19, DRILL-OUT	DOPS	PP	TAG PLUG # 13 @ 11,585' W/ JOINT # 369 DOT = 16 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 750 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
12:30	13:30	1.00	Prep, EVALUATION, LOGGING	DOPS	PP	TAG PLUG # 14 @ 11,783' W/ JOINT # 375 DOT = 10 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 750 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
13:30	14:30	1.00	Drill Out, STAGE 17, DRILL-OUT	DOPS	PP	TAG PLUG # 15 @ 12,051' W/ JOINT # 384 DOT = 20 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 750 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
14:30	15:30	1.00	Drill Out, STAGE 16, DRILL-OUT	DOPS	PP	TAG PLUG # 16 @ 12,334' W/ JOINT # 393 DOT = 21 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,800 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
15:30	17:00	1.50	Drill Out, STAGE 15, DRILL-OUT	DOPS	PP	TAG PLUG # 17 @ 12,526' W/ JOINT # 399 DOT = 23 MINUTES. RR = 3.6 BPM PR = 3.8 BPM PP = 1,650 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
17:00	19:00	2.00	Drill Out, STAGE 14, DRILL-OUT	CIRC	PP	DRILLED PLUG 17 PUMPED 20 BBL SWEEP CIRCULATE WELL CLEAN.
19:00	20:00	1.00	Prep, EVALUATION, LOGGING	DOPS	PP	TAG PLUG # 18 @ 12,800' W/ JOINT # 408 DOT = 13 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,650 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
20:00	21:00	1.00	Drill Out, STAGE 13, DRILL-OUT	DOPS	PP	TAG PLUG # 19 @ 13,067' W/ JOINT # 416 DOT = 18 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,600 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
21:00	22:00	1.00	Drill Out, STAGE 12, DRILL-OUT	DOPS	PP	TAG PLUG # 20 @ 13,349' W/ JOINT # 425 DOT = 20 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,650 PSI WHP = 800 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
22:00	23:00	1.00	Drill Out, STAGE 11, DRILL-OUT	DOPS	PP	TAG PLUG # 21 @ 13,539' W/ JOINT # 432 DOT = 18 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,700 PSI WHP = 800 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
23:00	00:00	1.00	Drill Out, STAGE 10, DRILL-OUT	DOPS	PP	TAG PLUG # 22 @ 13,749' W/ JOINT # 438 DOT = 25 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,700 PSI WHP = 800 PSI TORQUE = 3,900 FT LBS. SEND 20 BBL SWEEP. START FULL CIRCULATION.



APACHE PARTNER REPORT

Page 1 of 2

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM					
API/UWI: 4238338757		Operator: APACHE CORPORATION		Working Interest (%):	
Rig: PIONEER 56, 10/1/2014 12:00		District: SE District			
Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY					
Field Name: SPRAYBERRY		State/Province: TEXAS		County: REAGAN	
Target Depth (ftKB): 16,400		Target Formation: WOLFCAMP (HORIZONTAL)		Spud Date: 10/1/2014	
AFE Number: 11-14-0451-CP		Supplemental AFE Number:		AFE Description:	
Total AFE + Supp Amount (Cost): \$5,382,759					

Report Start Date: 7/29/2015 **Report Number:** 34
End Depth (ftKB): 0 **End Depth (TVD) (ftKB):** **Days From Spud (days):** 301.50 **Job Day (days):** 276.0
Depth Progress (ft): **Rotating Time (hr):** **Last Mud Check Density (lb/gal):**
Daily Field Est Total (Cost): \$25,201 **Cum Field Est To Date (Cost):** \$3,846,903
Current Status: DRILL OUT ALL PLUGS. START FULL CIRC.
24 Hour Forecast: DRILL OUT PLUGS
24 Hour Summary: DRILL OUT PLUGS

Operations Summary

Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
00:00	01:30	1.50	Prep, EVALUATION, LOGGING	CIRC	PP	CIRCULATE HOLE CLEAN W/ 290 BBLs.
01:30	02:30	1.00	Drill Out, STAGE 9, DRILL-OUT	DOPS	PP	TAG PLUG # 23 @ 14,020' W/ JOINT # 447 DOT = 20 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,700 PSI WHP = 800 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
02:30	03:30	1.00	Drill Out, STAGE 8, DRILL-OUT	DOPS	PP	TAG PLUG # 24 @ 14,216' W/ JOINT # 453 DOT = 20 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,700 PSI WHP = 700 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
03:30	04:30	1.00	Drill Out, STAGE 8, DRILL-OUT	DOPS	PP	TAG PLUG # 25 @ 14,490' W/ JOINT # 462 DOT = 25 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,700 PSI WHP = 750 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
04:30	06:30	2.00	Drill Out, STAGE 6, DRILL-OUT	DOPS	PP	TAG PLUG # 26 @ 14,682' W/ JOINT # 468 DOT = 27 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,900 PSI WHP = 750 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
06:30	08:00	1.50	Drill Out, STAGE 5, DRILL-OUT	CIRC	PP	TAG PLUG # 27 @ 14,890' W/ JOINT # 474 PUMPED 20 BBL SWEEP CRICULATE WELL CLEAN.
08:00	10:00	2.00	Drill Out, STAGE 4, DRILL-OUT	DOPS	PP	TAG PLUG # 27 @ 14,890' W/ JOINT # 474 DOT = 50 MINUTES. RR = 3.7 BPM PR = 3.3 BPM PP = 1,850 PSI WHP = 750 PSI TORQUE = 3,980 FT LBS. SEND 5 BBL SWEEP. CIH
10:00	12:00	2.00	Drill Out, STAGE 3, DRILL-OUT	DOPS	PP	TAG PLUG # 28 @ 15,090' W/ JOINT # 481 DOT = 65 MINUTES. RR = 3.6 BPM PR = 3.2 BPM PP = 1,800 PSI WHP = 800 PSI TORQUE = 3,990 FT LBS. SEND 5 BBL SWEEP. CIH
12:00	14:00	2.00	Drill Out, STAGE 2, DRILL-OUT	DOPS	PP	TAG PLUG # 29 @ 15,280' W/ JOINT # 487 DOT = 1.20 MINUTES. RR = 3.6 BPM PR = 3.2 BPM PP = 1,800 PSI WHP = 800 PSI TORQUE = 3,990 FT LBS. SEND 5 BBL SWEEP. CIH
14:00	16:00	2.00	Drill Out, STAGE 1, DRILL-OUT	DOPS	PP	TAG PLUG # 30 @ 15,495' W/ JOINT # 493 DOT = 55 MINUTES. RR = 3.5 BPM PR = 3.2 BPM PP = 1,900 PSI WHP = 746 PSI TORQUE = 3,990 FT LBS. SEND 5 BBL SWEEP. CIH
16:00	18:00	2.00	Drill Out, STAGE 1, DRILL-OUT	DOPS	PP	TAG PLUG # 31 @ 15,693' W/ JOINT # 500 DOT = 80 MINUTES. RR = 3.5 BPM PR = 3.2 BPM PP = 2000 PSI WHP = 7600 PSI TORQUE = 4,000 FT LBS. SEND 5 BBL SWEEP. CIH
18:00	21:00	3.00	Prep, EVALUATION, LOGGING	CIRC	PP	TAGGED ORIO @ 15,922' W/ JOINT # 507 PUMPED 2- 20 BBL SWEEPS 10 BBL SPACER CIRCULATE WELL CLEAN.
21:00	21:30	0.50	Prep, EVALUATION, LOGGING	RU_RD	PP	SHUT DOWN PUMP AND RIG DOWN SWIVEL.



APACHE PARTNER REPORT

Page 2 of 2

REGION: Permian
TYPE: OPERATED

Operations Summary

Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
21:30	23:30	2.00	Prep, EVALUATION, LOGGING	POOH	PP	POOH W/ WORK STRING LAYING DOWN TO RACKS. STOP W/ EOT @ 11,985" SLIPS ON RIG BROKE. DID NOT HAVE SPARE SET. CALL FOR NEW SLIPS AND STAND BY.
23:30	00:00	0.50	Prep, EVALUATION, LOGGING	WOO	CN	STAND BY FOR NEW SLIPS.



APACHE PARTNER REPORT

Page 1 of 1

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM

API/UWI: 4238338757

Rig: PIONEER 56, 10/1/2014 12:00

Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY

Field Name: SPRAYBERRY

Target Depth (ftKB): 16,400

Operator: APACHE CORPORATION

District: SE District

State/Province: TEXAS

Target Formation: WOLFCAMP (HORIZONTAL)

Working Interest (%):

County: REAGAN

Spud Date: 10/1/2014

AFE Number: 11-14-0451-CP

Supplemental AFE Number:

AFE Description:

Total AFE + Supp Amount (Cost): \$5,382,759

Report Start Date: 7/30/2015

Report Number: 35

End Depth (ftKB): 0

End Depth (TVD) (ftKB):

Days From Spud (days): 302.50

Job Day (days): 277.0

Depth Progress (ft):

Rotating Time (hr):

Last Mud Check Density (lb/gal):

Daily Field Est Total (Cost): \$24,240

Cum Field Est To Date (Cost): \$3,871,143

Current Status: POOH W/ WORKSTRING

24 Hour Forecast: RUN PROD. TBG NU TREE

24 Hour Summary: POOH W/ WORKSTRING

Operations Summary

Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
00:00	01:00	1.00	Prep, EVALUATION, LOGGING	WOO	PN	STAND BY FOR NEW SLIPS.
01:00	03:00	2.00	Prep, EVALUATION, LOGGING	POOH	PP	NEW SLIPS ON LOCATION. REPLACE AND CONTINUE POOH W/ WORKSTRING. W/ EOT @ 9,130' STOP AND RU TO CIRCULATE FROM THE CURVE.
03:00	04:00	1.00	Prep, EVALUATION, LOGGING	CIRC	PP	SEND 20 BBL SWEEP. CIRCULATE HOLE CLEAN FROM 9,130' SWEEPS UP. SHUT DOWN AND PREP TO CONTINUE OOH W/ WORKSTRING.
04:00	06:00	2.00	Prep, EVALUATION, LOGGING	POOH	PP	CONTINUE POOH W/ WORKSTRING LAYING DOWN TO RACKS. STOP W/ EOT @ 3,163' RU AND PREP TO PUMP MUD.
06:00	06:30	0.50	Prep, EVALUATION, LOGGING	KILLOP	PP	RU AND PUMP 95 BBLS 14.5 # MUD. SHUT DOWN WELL DEAD.
06:30	10:30	4.00	Prep, EVALUATION, LOGGING	POOH	PP	OOH WITH WORK STRING.
10:30	00:00	13.50			PP	SEE LEQ

Printed Date: 7/31/2015

Printed Time: 9:46 AM