

	DAILY COMPLETION REPORT													
								RT						
	WELL N	IAME		AFE#	REPORT #	DATE		COMPLETION SUPERVISOR [S]						
UL M.	S HZ Blk 6	6 Unit #4106	D-2	2016-009 1		1-Feb-17		J	ames B/ Ben	K/ Kola A/ Tyn	agus J			
PBTD:		16,673	KB - GROU	ND DISTANCE:	22	PROD.	CASING	DAILY COST	ESTIMATE:		\$0			
MARKER JO	INT:	8,586	COUNTY A	ND STATE:	Martin, TX	SIZE:	5.50	CUMULATIV	E COST (TOT	4 <i>L):</i>	\$0			
кор:		7,774	COMPL. ST	ART DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO REC	COVER (BBLS	:):	469,472			
			•		SAFETY INC	IDENTS		•						
DATE	TYPE	COMMENTS												
1-Feb-17	None	No incidents, accid	ents or spills.											
		, , , , , , , , , , , , , , , , , , , ,			SERVICES AI	VD COST								
	СОМР	LETION SERVICES		СОМР		COUNT	REG. HRS	CUM. HRS	NPT HRS	CUM. NPT	DAILY COST			
Onsite Supervi				Bedrock Consulting										
Trailer Houses		railers		Oil Patch Trailers										
		IL, PP, Transf pumps)		Sunbelt Rentals										
Frac Tank / OT				Lone Star Rentals										
Crane				Circle 8										
Test Pump and	l Hydraulic	wrenches		WS Energy										
Stimulation or	Frac			FracTech										
Frac Stack / Zij	per Manif	fold / Choke		Spartan										
Others				AJ Logistics (Restrain	9,									
Plugs or Packe	rs			Schlumberger Plugs										
Wireline or Slice	kline			ProOilfield (Wireline						<u></u>				
Wireline or Slice	kline			KLX (Wireline & Pres	s Control)									
Vacuum Truck	s or Fluid D	isposal		BRT / Basic / Key Ene	ergy						1			
Water Transfe	r			Big D Water Transfe	r						ļ			
Others				Spectrum (Tracer)							<u> </u>			
Rig (Workover	Rig, Drillin	ıg Rig, etc)		Blackhawk							<u> </u>			
Completion Flu	ıids			UDS - Mixing Plant							 			
Workstring				Knight Oil Tools (Pipe	e & BOPs)						 			
Trucking or Ho	t Shot			ACME, others							1			
Others				Big Daddys (Catering		1								
	•	its, Motors etc.)		Spartan (4.75" JZ Bit	1									
Well Testing /	Flow Back			Spartan										
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24 Hrs Summary: MIRU Frac Stack, Wireline and pumpdown. Ran CBL log on WL. Tested prod csg and annulus. Opened toe sleeves and established injection rate. Current Operation: Prepare to pump acid and breakdown formation.

Total:

24 Hrs Forecast: Pump 7.5% acid, displace and breakdown formation. PU guns for Stage 1. Perforate Stage 1. MIRU FTSI frac equipment and associated equipment.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	PREP	STBY	PT	Standby for equipment to AOL.
12:00 PM	PREP	PJSM	PT	Held PJSM with all crew. Discussed nippling up, crane ops, high pressure pumping, forklift and manlift safety, backing up, speed on location etc
12:30 PM	PREP	NU		NU frac stack: 7 1/16" 10M x 15M adapter, 7 1/16" 15M (manual) lower master valve, 7 1/16" 15M (hydraulic) upper master valve, flow cross (with 2 1/16" manual & hyd valves on both sides). Installed tubing hanger w/ 2-way check. Dressed off location & Spot frac tanks.
6:00 PM	PREP	P-TEST	PT	Pressure test stack to 300 / 9,000 psi for 5 / 10 mins. Chart record test. Good test. Pulled hanger and 2-way check.

7:15 PM	PREP	NU	PT	NU 7-1/16" Goathead (6 ports) and 7-1/16" (manual) crown valve. Test the full stack to 300 / 9,000 psi for 5 / 10 mins. RU Spartan
9:30 PM	PREP	MIRU	PT	flowback equipment. RU KLX Wireline and pressure control equipment. PU Cement bond log tools. FTSI RU pumpdown pumps and boost pump.
12:45 AM	PREP	RIH	PT	Test lubricator & BOPs to 300 / 9,000 psi for 5 / 10 mins. Open well and RIH with CBL_VDL tools. OWHP 0 psi.
2:30 AM	PREP	LOG	PT	Log CBL_VDL from 8,968' to 2000'. Repeat pass on free pipe from 2,500' to surface. Estimated top of cement found at 6,440'.
4:15 AM	PREP	P-TEST	PT	Pressure test pumpdown lines to 300 / 9,000 psi for 5 / 10 mins. Good test.
4:30 AM	PREP	P-TEST	PT	Pressure test prod csg annulus to 1,500 psi for 10 mins. Good test.
5:00 AM	PREP	P-TEST	PT	Load well with 2% KCl treated with 0.25 gpt Biocide. Pressure tested 5-1/2" prod csg to 7,000 psi for 15 minutes. Good test.
5:45 AM	PREP	SLEEVE	PT	Pressure up to 8,000 psi to open toe sleeve. Pressure dropped to 3,400 psi. Established injection rate up to 12 bpm, 6,700 psi. Total 61
6:00 AM	PREP	INJECT	PT	bbls pumped. Swapping to 7.5% HCl acid to break down formation.
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	WELL N	IANAE			AFE#	REPORT#	D/	\TE		COMPLETIO	ON SUPERVISOR	IC1
111 N) <i>C</i>			_					K/ Kola A/ Tyna	-
	IS HZ BIK (6 Unit #410			2016-009	2		b-17			K/ KOIG A/ TYTIG	
PBTD:		16,6			ND DISTANCE:	22		CASING	DAILY COST E		_	\$0
MARKER JC	DINT:	8,58	36	COUNTY A	ND STATE:	Martin, TX	SIZE:	5.50	CUMMULATI	VE COST (TO	OTAL):	\$0
кор:		7,77	74	COMPL. ST	ART DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO REC	OVER (BBL	5):	469,472
						SAFETY INC	IDENTS					
DATE	TYPE	COMMENT	rs									
2-Feb-17	None	No inciden	ts, accide	nts or spills.								
						SERVICES AI	ND COST					
	СОМРІ	ETIONS SER	VICES		СОМР	ANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST
Onsite Superv	ision				Bedrock Consulting							
Trailer Houses	s / Safety Ti	railers			Oil Patch Trailers							
Rentals (Trail	er, LP, FL, N	IL, PP, Transf	pumps)		Sunbelt Rentals							
Frac Tank / O	TT / Acid To	ınks			Lone Star Rentals							
Crane					Circle 8							
Test Pump an	d Hydraulic	wrenches			WS Energy							
Stimulation o	r Frac				FracTech							
Frac Stack / Z	ipper Manij	fold / Choke			Spartan							
Others					AJ Logistics (Restrair	nts & Containment	9					
Plugs or Pack	ers				Schlumberger Plugs							
Wireline or Sli	ickline				ProOilfield (Wireline	& Press Control)						
Wireline or Sli	ickline				KLX (Wireline & Pres	s Control)						
Vacuum Truck	ks or Fluid D	isposal			BRT / Basic / Key Ene	ergy						
Water Transfe	er				Big D Water Transfe	r						
Others					Spectrum (Tracer)							
Rig (Workove	r Rig, Drillir	g Rig, etc)			Blackhawk							
Completion Fluids					UDS - Mixing Plant							
Workstring					Knight Oil Tools (Pipe	e & BOPs)						
Trucking or H	ot Shot				ACME, others							
Others					Big Daddys (Catering	g)						
Downhole To	ol Rental (B	its, Motors et	tc.)		Spartan (4.75" JZ Bit)						
Well Testing /	Flow Back				Spartan							
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		Duma 7.50	/ ooid a!!	nloss and to	eakdown formation.	Total:	I dougn sum =	for Store 1	Dorforoto Cto :	1 MIDLL CT	El fron ogginner	and appaciated
24 Hrs Sum	mary:	equipment		spiace and br	eaкdown formation.	PU ana pumpea	aown guns	for Stage 1.	Репогате Stage	1. MIRU FTS	si trac equipment a	and associated
Current Operation: FTSI 80% rigged up.												
24 Hrs Forc	ast:	FTSI need	to RU 4 i	more pumps,	risers, install restrai	nts, pressure tes	t lines and se	et pop-off. Fi	ll frac tanks with	water. Comr	nence frac ops.	
Time	Phase	Ops Code	Status			Activ	ities in the P	ast 24 hrs in	Chronoloaical	Order		
6:00 AM	PREP	PJSM	PT	Held PJSM	Activities in the Past 24 hrs in Chronological Order Held PJSM with day crew.							
6:30 AM	PREP	INJECT	PT		umped 70 bbl 7.5% HCl acid at 10 bpm 5213 psi, displaced with 2% KCL treated with 0.25 gpt Biocide. Slowed down rate to 5 bpm splacing thru the lateral to clean casing. Increased rate to 15 bpm with acid at the sleeve. Got 1,300 psi break with acid.							
7:15 AM	PREP	INJECT	PT		m, pumped total of 4							
				Shut in well.					•	•		·
8:00 AM	PREP	PU	PT FTSI MIRU frac equipment. PU guns for Stage 1. Test lubricator to 250 psi low and 9,000 psi high. Good test.									

9:00 AM	PREP	PERF	PT	Open well (OWHP 1200 psi). RIH with perf guns, pumped down to 16,570'. Perforated toe stage (Stage 1) from 16,540' to 16,424'. Had
10:45 AM	PREP	РООН	PT	good indications the ASF. POOH to confirm. POOH, logging CCL to surface.
12:30 PM	PREP	RDMO	PT	OOH with WL. Confirmed all shots fired. SICP - 1065 psi. RDMO KLX wireline and associated equipment.
1:00 PM	STIM	MIRU	PT	Continue to MIRU FTSI frac equipment. Offload sand in kings. Backside equipment rigged up.
5:30 PM	STIM	PJSM	PT	Held PJSM with night crew.
4:45 PM	STIM	MIRU	PT	MIRU missile and frac pumps. Bucket test blender and performed sand sieve analysis. Offloaded acid.
6:00 AM	STIM	RU	PT	FTSI 75% rigged up. 14 pumps currently rigged up, awaiting 4 more pumps. Need to RU risers to Goathead and install restraints, pressure
				test lines and set pop-off. Water transfer fully rigged up, preparing to start sending water.
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	WELL N	IAME			AFE#	REPORT #	DA	\TE		COMPLETIC	N SUPERVISOR	rs1
UL M	S HZ Blk 6	5 Unit #410	6	D	2016-009	3	3-Fe	b-17			K/ Kola A/ Tynad	
PBTD:		16,6	73	KB - GROU	ND DISTANCE:	22	PROD.	CASING	DAILY COST E	•		\$0
MARKER JO	INT:	8,58		COUNTY AND STATE:		Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):		ΤΔΙ).	\$0
кор:		7,77			ART DATE:	1-Feb-17	WEIGHT:		LOAD TO REC		•	469,472
		7,77	<u>'</u>	COMM 2. 07	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SAFETY INC		17 PPJ	20/12 / 0 / 120	0 1 Z.N (DD20	7.	403,472
DATE	TYPE	COMMENT	·c			57.11.277.770	1521115					
3-Feb-17	None	No incident		nts or spills								
3-160-17	None	No meident	.s, ucciue	itis or spins.		SERVICES AI	VD COST					
	COMPI	ETIONS SER	VICES		СОМР		COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY CO
Onsite Supervi		L TIONS SER	VICES				1 00011	NEO. TINO	COMMITMS	141 7 71113	COMM. NO	DAILI
•		milers			Bedrock Consulting Oil Patch Trailers							
railer Houses / Safety Trailers entals (Trailer, LP, FL, ML, PP, Transf pumps)					Sunbelt Rentals							
Frac Tank / O1			, <i>puj</i>		Lone Star Rentals							
Crane	· ·											
Test Pump and	l Hydraulic	wrenches			Circle 8 WS Energy							
Stimulation or	Frac				FracTech							
rac Stack / Zij	per Manif	old / Choke			Spartan							
Others					AJ Logistics (Restrain	nts & Containment	9					
Plugs or Packe	rs				Schlumberger Plugs							
Nireline or Slic	kline				ProOilfield (Wireline							
Nireline or Slic	kline				KLX (Wireline & Pres.	s Control)						
Vacuum Truck	s or Fluid D	isposal			BRT / Basic / Key Ene	ergy						
Water Transfe	r				Big D Water Transfe	r						
Others					Spectrum (Tracer)							
Rig (Workover		g Rig, etc)			Blackhawk							
Completion Flu	ıids				UDS - Mixing Plant							
Workstring					Knight Oil Tools (Pipe							
Trucking or Ho	t Shot				ACME, others							
Others	10 110				Big Daddys (Catering							
Downhole Too		its, iviotors et	с.)		Spartan (4.75" JZ Bit, Spartan)						
Well Testing /	FIOW BUCK				Spartan							
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24 Hrs Sumr	nary:	Continue to			nent (FTSI had sever	Total: ral equipment pro	oblems and ii	nadequate p	ersonnel on loca	ation). Pressu	re tested lines and	I set pop-off.
	ration:	Currently from										
Current Ope		24 Hrs Forcast: Continue frac and WL ops.										
		Continue fra	ac and W	/L ops.								

FTSI continued to RU frac spread. Swapped out flowcross and pressure tested frac stack to 250 psi low and 9000 psi high. Good test.

FTSI RU ground line and 4 additional pumps. NOTE: FTSI did not have adequate personnel on location, had 6 equipment operators working on day shift. FTSI brought out wrong KCI, swapped out KCI in ISO tank.

RU ProOilfield WL-bops and function test (good test), while FTSI contuined to RU frac iron. Installed safety restraints.

6:00 AM

6:30 AM

8:30 AM

12:00 PM

PREP

STIM

STIM

STIM

PJSM

RU

RU

RU

PT

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PΤ

Held PJSM with day crew.

Water tranfer filled up water tanks.

6:00 PM	STIM	RU	PT	Continue to RU FTSI pumps. Installed restraints on remaining frac iron. RU transducer and mechnical pop-off on the backside. Set backside pop-off to 2,000 psi. RU nitrogen bottles for the pop-off. NOTE: FTSI had 5 equipment operators working on night shift.
11:30 PM	STIM	P-TEST	NPT	FTSI started turning on pump. Had problems getting pumps started, unable to record pump pressure in the data van. Fixed leaks on low-pressure side of missile. Primed up pumps and attempted to pressure test line, found leak on 2 pumps. Fixed leaks.
2:00 AM	STIM	P-TEST	NPT	Attempted to test frac lines, found leak at 1 pump packing. Unable to read pressure on 1 pump. Unable to start stage due to inadequate pumps. Worked on pumps. 2 backup pumps on staging pad are needing work done to the fluid ends.
2:45 AM	STIM	P-TEST	NPT	Waited on FTSI to get pumps ready.
3:45 AM	STIM	P-TEST	NPT	Attempted to test frac lines, found leak at the pressure transducer. Fixed leak. Ready to start fracing with 17 pumps rigged up.
4:00 AM	STIM	P-TEST	PT	Pressure tested lines to 9,000 psi. Set pop-off to 8500 psi.
4:15 AM	STIM	FRAC	PT	Started Stage #1 frac. OWHP 458 psi.
6:00 AM	STIM	FRAC	PT	Currently fracing Stage #1.
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WELL N	4 <i>ME</i>	AFE #	REPORT # DATE		COMPLETION SUPERVISOR [S]			
UL MS HZ Blk 6 Unit #4106		D-2016-009	4	4-Feb-17		James B/ Ben K/ Kola A/ Tynagus J		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE: 5.50		CUMMULATIVE COST (TOTAL):	<i>\$0</i>	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT: 17 ppf		LOAD TO RECOVER (BBLS):	469,472	

SAFFTY INCIDENTS

	SAFELT INCIDENTS								
DATE	TYPE	MENTS							
4-Feb-17	None	No incidents, accidents or spills.							

SERVICES AND COST									
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST		
Onsite Supervision	Bedrock Consulting								
Trailer Houses / Safety Trailers	Oil Patch Trailers								
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals								
Frac Tank / OTT / Acid Tanks	Lone Star Rentals								
Crane	Circle 8								
Test Pump and Hydraulic wrenches	WS Energy								
Stimulation or Frac	FracTech								
Frac Stack / Zipper Manifold / Choke	Spartan								
Others	AJ Logistics (Restraints & Containments								
Plugs or Packers	Schlumberger Plugs								
Wireline or Slickline	ProOilfield (Wireline & Press Control)								
Wireline or Slickline	KLX (Wireline & Press Control)								
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy								
Water Transfer	Big D Water Transfer								
Others	Spectrum (Tracer)								
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk								
Completion Fluids	UDS - Mixing Plant								
Workstring	Knight Oil Tools (Pipe & BOPs)								
Trucking or Hot Shot	ACME, others								
Others	Big Daddys (Catering)								
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)								
Well Testing / Flow Back	Spartan								
	1								
	Total:								

24 Hrs Summary: Frac Stage 2, 3, 4. P/P Stage 2, 3, 4, 5.

Current Operation: Prepare to frac Stage #5.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew
6:30 AM	STIM	FRAC	PT	Stage #1 Completed.
7:00 AM	STIM	PU	PT	Pick up guns for Stage #2. Test Lubricator to 9000 psi. Good test
7:30 AM	STIM	PERF	PT	RIH with P&P Stage #2. OWHP 400 psi. Pumpdown, set plug & perforate stage. POOH.

10:45 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP 800 psi.
11:00 AM	STIM	FRAC	NPT	Frac pressure test equipment. Found and fixed leaks
11:30 AM	STIM	FRAC	PT	Frac Stage #2. OWHP 680 psi
2:00 PM	STIM	FRAC	PT	Stage #2 Completed. All sand pumped. SICP 1130 psi.
2:30 PM	STIM	PERF	PT	RIH with P&P Stage #3. OWHP 1000 psi. Pumpdown, set plug & perforate stage. POOH.
5:30 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP 840 psi.
6:15 PM	STIM	FRAC	PT	Frac Stage #3. OWHP 788 psi
8:30 PM	STIM	FRAC	PT	Stage #3 Completed. All sand pumped. SICP 1092 psi.
8:45 PM	STIM	PERF	PT	RIH with P&P Stage #4. OWHP 1000 psi. Pumpdown, set plug & perforate stage. POOH.
11:15 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP 800 psi.
11:30 PM	STIM	FRAC	PT	Frac Stage #4. OWHP 908 psi
1:45 AM	STIM	FRAC	PT	Stage #4 Completed. All sand pumped. SICP 1164 psi.
2:00 AM	STIM	PERF	PT	RIH with P&P Stage #5. OWHP 870 psi. Pumpdown, set plug & perforate stage. POOH.
4:30 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP 1100 psi.
4:45 AM	STIM	GREASE	PT	Grease frac stack. WL rehead.
6:00 AM	STIM	FRAC	PT	Prepare to frac Stage #5.
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WELL NA	AME	AFE#	REPORT #	DA	TE	COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6 Unit #4106		D-2016-009	5	5-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	\$0	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT: 17 ppf		LOAD TO RECOVER (TOTAL):	469,472	

SAFFTY INCIDENTS

ı		SAFELT INCIDENTS								
	DATE	TYPE	COMMENTS							
	5-Feb-17	None	No incidents, accidents or spills.							

SERVICES AND COST									
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST		
Onsite Supervision	Bedrock Consulting								
Trailer Houses / Safety Trailers	Oil Patch Trailers								
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals								
Frac Tank / OTT / Acid Tanks	Lone Star Rentals								
Crane	Circle 8								
Test Pump and Hydraulic wrenches	WS Energy								
Stimulation or Frac	FracTech								
Frac Stack / Zipper Manifold / Choke	Spartan								
Others	AJ Logistics (Restraints & Containments								
Plugs or Packers	Schlumberger Plugs								
Wireline or Slickline	ProOilfield (Wireline & Press Control)								
Wireline or Slickline	KLX (Wireline & Press Control)								
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy								
Water Transfer	Big D Water Transfer								
Others	Spectrum (Tracer)								
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk								
Completion Fluids	UDS - Mixing Plant								
Workstring	Knight Oil Tools (Pipe & BOPs)								
Trucking or Hot Shot	ACME, others								
Others	Big Daddys (Catering)								
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)								
Well Testing / Flow Back	Spartan								
	Total:								

24 Hrs Summary: Frac Stage 5, 6, 7, 8. P/P Stage 6, 7, 8.

Current Operation: Currently RIH with P/P Stage #9.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew
6:45 AM	STIM	FRAC	PT	Frac Stage #5. OWHP-890 psi
9:00 AM	STIM	P&P	PT	Stage #5 Completed. All sand pumped. SICP 1280 psi
9:00 AM	STIM	P&P	PT	RIH with P&P Stage #6. OWHP psi. Pumpdown, set plug & perforate stage. POOH.

12:00 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1000 psi.
12:30 PM	STIM	P-TEST	PT	Prime up pumps & Pressure test iron 9000 psi
1:00 PM	STIM	FRAC	PT	Frac Stage #6 OWHP-840 psi
3:00 PM	STIM	FRAC	PT	Stage #6 Completed. All sand pumped. SICP 1216 psi.
5:30 PM	STIM	PERF	PT	RIH with P&P Stage #7. OWHP 1000 psi. Pumpdown, set plug & perforate stage. POOH.
5:45 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1000 psi.
6:00 PM	STIM	WOE	NPT	Waited on FTSI to complete pumps maintenance. Prime up pumps & Pressure test iron 9000 psi
6:45 PM	STIM	FRAC	PT	Frac Stage #7 OWHP-973 psi
9:00 PM	STIM	FRAC	PT	Stage #7 Completed. All sand pumped. SICP 1223 psi.
9:15 PM	STIM	PERF	PT	RIH with P&P Stage #8. OWHP 1160 psi. Pumpdown, set plug & perforate stage. POOH.
11:15 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1100 psi.
11:30 PM	STIM	FRAC	PT	Frac Stage #8 OWHP-870 psi
1:45 AM	STIM	FRAC	PT	Stage #8 Completed. All sand pumped. SICP 1120 psi.
2:00 AM	STIM	REHEAD	NPT	While picking up plug & guns for Stage #9, found high-strand on e-line. LD lubricator. Cut-off 250 ft of e-line and rehead. Had difficulty
5:00 AM	STIM	PERF	PT	pulling e-line through the greasehead. Broke down greasehead and cleaned flow tubes. PU lubricator & gun string. RIH with P&P Stage #9. OWHP 1060 psi.
6:00 AM	STIM	RIH	PT	Currently RIH with P/P Stage #9.
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WELL NAME			AFE #	REPORT #	DA	TE	COMPLETION SUPERVISO	R [S]
UL M	S HZ Blk 6	5 Unit #4106	D-2016-009	6	6-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T	
PBTD:		16,673	KB - GROUND DISTANCE:	22	PROD. CASING		DAILY COST ESTIMATE:	\$0
MARKER JOI	NT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50 CUMMULATIVE COST (TOTAL):		\$0
кор:		7,774	COMPL. START DATE:	1-Feb-17	WEIGHT:	WEIGHT: 17 ppf LOAD TO RECOVER (TOTAL):		469,472
	SAFETY INCIDENTS							
DATE TYPE COMMENTS								

DATE TYPE COMMENTS 6-Feb-17 None No incidents, accidents or spills. SERVICES AND COST COMPLETIONS SERVICES COMPANY COUNT REG. HRS CUMM. HRS NPT HRS CUMM. NPT DAILY COST

SERVICES AIND COST								
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST	
Onsite Supervision	Bedrock Consulting							
Trailer Houses / Safety Trailers	Oil Patch Trailers							
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals							
Frac Tank / OTT / Acid Tanks	Lone Star Rentals							
Crane	Circle 8							
Test Pump and Hydraulic wrenches	WS Energy							
Stimulation or Frac	FracTech							
Frac Stack / Zipper Manifold / Choke	Spartan							
Others	AJ Logistics (Restraints & Containments							
Plugs or Packers	Schlumberger Plugs							
Wireline or Slickline	ProOilfield (Wireline & Press Control)							
Wireline or Slickline	KLX (Wireline & Press Control)							
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy							
Water Transfer	Big D Water Transfer							
Others	Spectrum (Tracer)							
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk							
Completion Fluids	UDS - Mixing Plant							
Workstring	Knight Oil Tools (Pipe & BOPs)							
Trucking or Hot Shot	ACME, others							
Others	Big Daddys (Catering)							
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)							
Well Testing / Flow Back	Spartan							
	Total:				_			
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24 Hrs Summary: Frac Stage 9, 10, 11, 12. P/P Stage 9, 10, 11, 12, 13.

Current Operation: Fracing Stage #13.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew
6:30 AM	STIM	PERF	PT	RIH with P&P Stage #9. OWHP psi. Pumpdown, set plug & perforate stage. POOH.
7:15 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1000 psi.
7:30 AM	STIM	FRAC	PT	Frac Stage #9 OWHP-1024 psi

9:45 AM	STIM	FRAC	PT	Stage #9 Completed. All sand pumped. SICP 1213 psi.
10:15 AM	STIM	PERF	PT	RIH with P&P Stage #10. OWHP 1120 psi. Pumpdown, set plug & perforate stage. POOH.
1:00 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1000 psi.
1:15 PM	STIM	FRAC	PT	Frac Stage #10 OWHP-1246 psi
3:15 PM	STIM	FRAC	PT	Stage #10 Completed. All sand pumped. SICP 1831 psi.
3:30 PM	STIM	PERF	PT	RIH with P&P Stage #11. OWHP 1200psi. Pumpdown, set plug & perforate stage. POOH.
5:45 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-900 psi.
6:00 PM	STIM	FRAC	PT	Frac Stage #11 OWHP-751 psi
8:15 PM	STIM	FRAC	PT	Stage #11 Completed. All sand pumped. SICP 1094 psi.
8:30 PM	STIM	PERF	PT	RIH with P&P Stage #12. OWHP 1170 psi. Pumpdown, set plug & perforate stage. POOH.
10:30 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1050 psi.
10:45 PM	STIM	GREASE	PT	Greased frac stack.
11:15 PM	STIM	FRAC	PT	Frac Stage #12. OWHP-873 psi
1:30 AM	STIM	FRAC	PT	Stage #12 Completed. All sand pumped. SICP 1185 psi.
1:45 AM	STIM	PERF	PT	RIH with P&P Stage #13. OWHP 1200 psi. Pumpdown, set plug & perforate stage. POOH.
3:45 AM	STIM	PERF	PT	ООН. Plug set & ASF. SICP-1100 psi.
4:00 AM	STIM	OTHER	NPT	Waited on FTSI to finish pumps maintenance.
4:30 AM	STIM	FRAC	PT	Frac Stage #13. OWHP-982 psi
6:00 AM	STIM	FRAC	PT	Fracing Stage #13.
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WELL N	AME	AFE#	REPORT #	DA	ATE COMPLETION SUPERVISOR [S]				
UL MS HZ Blk 6	Unit #4106	D-2016-009	7	7-Feb-17 James B/ Ben K/ Kola A/ Tynagus J/ Ti			J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0		
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	<i>\$0</i>		
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT: 17 ppf		LOAD TO RECOVER (TOTAL): 469,472			

SAFETY INCIDENTS

	SALETT MODERTS							
DATE	TYPE	COMMENTS						
7-Feb-17	None	No incidents, accidents or spills.						

SERVICES AND COST									
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST		
Onsite Supervision	Bedrock Consulting								
Trailer Houses / Safety Trailers	Oil Patch Trailers								
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals								
Frac Tank / OTT / Acid Tanks	Lone Star Rentals								
Crane	Circle 8								
Test Pump and Hydraulic wrenches	WS Energy								
Stimulation or Frac	FracTech								
Frac Stack / Zipper Manifold / Choke	Spartan								
Others	AJ Logistics (Restraints & Containments								
Plugs or Packers	Schlumberger Plugs								
Wireline or Slickline	ProOilfield (Wireline & Press Control)								
Wireline or Slickline	KLX (Wireline & Press Control)								
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy								
Water Transfer	Big D Water Transfer								
Others	Spectrum (Tracer)								
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk								
Completion Fluids	UDS - Mixing Plant								
Workstring	Knight Oil Tools (Pipe & BOPs)								
Trucking or Hot Shot	ACME, others								
Others	Big Daddys (Catering)								
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)								
Well Testing / Flow Back	Spartan								
	Total:								

24 Hrs Summary: Frac Stage 13, 14, 15, 16, 17. P/P Stage 14, 15, 16, 17, 18.

Current Operation: Currently fracing Stage #18.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order				
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew				
6:30 AM	STIM	FRAC	PT	Stage #13 Completed. All sand pumped. SICP 1063 psi.				
7:00 AM	STIM	PERF	PT	RIH with P&P Stage #14. OWHP 1000 psi. Pumpdown, set plug & perforate stage. POOH.				
9:30 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1040 psi.				

9:45 AM	STIM	REPAIR	NPT	FTSI worked on pumps. Greased frac stack while FTSI worked on pumps.
10:15 AM	STIM	FRAC	PT	Frac Stage #14. OWHP-850 psi
12:30 PM	STIM	FRAC	PT	Stage #14 Completed. All sand pumped. SICP 1157 psi.
12:45 PM	STIM	PERF	PT	RIH with P&P Stage #15. OWHP 1000 psi. Pumpdown, set plug & perforate stage. POOH.
3:00 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1000 psi.
3:15 PM	STIM	FRAC	PT	Frac Stage #15. OWHP-850 psi
5:30 PM	STIM	FRAC	PT	Stage #15 Completed. All sand pumped. SICP 1185 psi.
6:00 PM	STIM	PERF	PT	RIH with P&P Stage #16. OWHP 1030 psi. Pumpdown, set plug & perforate stage. POOH.
7:45 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1000 psi.
8:00 PM	STIM	FRAC	PT	Frac Stage #16. OWHP-886 psi
10:00 PM	STIM	FRAC	PT	Stage #16 Completed. All sand pumped. SICP 1230 psi.
10:15 PM	STIM	PERF	PT	RIH with P&P Stage #17. OWHP 1200 psi. Pumpdown, set plug & perforate stage. POOH.
12:00 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1060 psi.
12:15 AM	STIM	FRAC	PT	Frac Stage #17. OWHP-942 psi
2:30 AM	STIM	FRAC	PT	Stage #17 Completed. All sand pumped. SICP 1183 psi.
2:45 AM	STIM	PERF	PT	RIH with P&P Stage #18. OWHP 1160 psi. Pumpdown, set plug & perforate stage. POOH.
4:30 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1100 psi.
4:45 AM	STIM	FRAC	PT	Frac Stage #18. OWHP-928 psi
6:00 AM	STIM	FRAC	PT	Currently fracing Stage #18.



DAILY COMPLETION REPORT												
	WELL N	IAME		AFE#	REPORT #	D/	TE	COMPLETION SUPERVISOR [S]				
UL MS HZ Blk 6 Unit #4106			D-2	2016-009	8	8-Feb-17		James B/ Ben K/ Kola A/ Tynagus J			J/ Travis T	
PBTD:		16,673	KB - GROUI	ND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:		IMATE: \$0		
MARKER JO	INT:	8,586	COUNTY A	ND STATE:	Martin, TX	TX SIZE: 5.50 CUMMULATIVE COST (TOTA		VE COST (TOTAL): \$0		\$0		
KOP: 7,774		COMPL. ST.	ART DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO RECOVER (TOTAL):		AL):	469,472		
					SAFETY INC	IDENTS						
DATE	TYPE	COMMENTS										
8-Feb-17	None	No incidents, acci	dents or spills.									
	_				SERVICES A	ND COST						
	COMPLETIONS SERVICES COMPANY COUNT REG. HRS CUMM. HRS NPT HRS CUMM. NPT DAILY COST											

	SERVICES AN	ID COST					
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST
Onsite Supervision	Bedrock Consulting						
Trailer Houses / Safety Trailers	Oil Patch Trailers						
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals						
Frac Tank / OTT / Acid Tanks	Lone Star Rentals						
Crane	Circle 8						
Test Pump and Hydraulic wrenches	WS Energy						
Stimulation or Frac	FracTech						
Frac Stack / Zipper Manifold / Choke	Spartan						
Others	AJ Logistics (Restraints & Containments						
Plugs or Packers	Schlumberger Plugs						
Wireline or Slickline	ProOilfield (Wireline & Press Control)						
Wireline or Slickline	KLX (Wireline & Press Control)						
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy						
Water Transfer	Big D Water Transfer						
Others	Spectrum (Tracer)						
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk						
Completion Fluids	UDS - Mixing Plant						
Workstring	Knight Oil Tools (Pipe & BOPs)						
Trucking or Hot Shot	ACME, others						
Others	Big Daddys (Catering)						
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)						
Well Testing / Flow Back	Spartan						
	Total:						

24 Hrs Summary:	Frac Stage 18, 19, 20, 21, 22, 23. P/P Stage 19, 20, 21, 22, 23.
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Current Operation: Completed Stage #23 frac.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order				
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew				
6:30 AM	STIM	FRAC	PT	Stage #18 Completed. All sand pumped. SICP 1150 psi.				
7:00 AM	STIM	PERF	PT	RIH with P&P Stage #19. OWHP 1100 psi. Pumpdown, set plug & perforate stage. POOH.				
9:00 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-940 psi.				

9:15 AM	STIM	GREASE	PT	Greased frac stack.
10:15 AM	STIM	FRAC	PT	Frac Stage #19. OWHP-870 psi
12:30 PM	STIM	FRAC	PT	Stage #19 Completed. All sand pumped. SICP 1200 psi.
12:45 PM	STIM	PERF	PT	RIH with P&P Stage #20. OWHP 1100 psi. Pumpdown, set plug & perforate stage. POOH.
2:45 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1000 psi.
3:00 PM	STIM	FRAC	PT	Frac Stage #20. OWHP-945 psi
5:15 PM	STIM	FRAC	PT	Stage #20 Completed. All sand pumped. SICP- 1241 psi.
5:30 PM	STIM	PJSM	PT	Held PJSM with night crew
5:45 PM	STIM	PERF	PT	RIH with P&P Stage #21. OWHP 1200 psi. Pumpdown, set plug & perforate stage. POOH.
7:30 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1040 psi.
7:45 PM	STIM	FRAC	PT	Frac Stage #21. OWHP-1045 psi
9:45 PM	STIM	FRAC	PT	Stage #21 Completed. All sand pumped. SICP- 1190 psi.
10:00 PM	STIM	PERF	PT	RIH with P&P Stage #22. OWHP 1200 psi. Pumpdown, set plug & perforate stage. POOH.
11:30 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1040 psi.
11:45 PM	STIM	FRAC	PT	Frac Stage #22. OWHP-983 psi
1:45 AM	STIM	FRAC	PT	Stage #22 Completed. All sand pumped. SICP- 1198 psi.
2:00 AM	STIM	PERF	PT	RIH with P&P Stage #23. OWHP 1090 psi. Pumpdown, set plug & perforate stage. POOH.
3:45 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1090 psi.
4:00 AM	STIM	FRAC	PT	Frac Stage #23. OWHP-981 psi
6:00 AM	STIM	FRAC	PT	Stage #23 Completed. All sand pumped. SICP- 1200 psi.
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WELL N.	AME	AFE #	REPORT # DATE			COMPLETION SUPERVISOR [S]				
UL MS HZ Blk 6	Unit #4106	D-2016-009	9	9 9-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T				
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0			
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	<i>\$0</i>			
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO RECOVER (TOTAL):	469,472			
	SAFFTY INCIDENTS									

IL	SAFELL INCIDENTS									
	DATE	DATE TYPE COMMENTS								
	9-Feb-17	None	No incidents, accidents or spills.							

	SERVICES AND COST								
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST		
Onsite Supervision	Bedrock Consulting								
Trailer Houses / Safety Trailers	Oil Patch Trailers								
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals								
Frac Tank / OTT / Acid Tanks	Lone Star Rentals								
Crane	Circle 8								
Test Pump and Hydraulic wrenches	WS Energy								
Stimulation or Frac	FracTech								
Frac Stack / Zipper Manifold / Choke	Spartan								
Others	AJ Logistics (Restraints & Containments								
Plugs or Packers	Schlumberger Plugs								
Wireline or Slickline	ProOilfield (Wireline & Press Control)								
Wireline or Slickline	KLX (Wireline & Press Control)								
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy								
Water Transfer	Big D Water Transfer								
Others	Spectrum (Tracer)								
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk								
Completion Fluids	UDS - Mixing Plant								
Workstring	Knight Oil Tools (Pipe & BOPs)								
Trucking or Hot Shot	ACME, others								
Others	Big Daddys (Catering)								
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)								
Well Testing / Flow Back	Spartan								
	Total:								

24 Hrs Summary: Frac Stage 24, 25, 26, 27. P/P Stage 24, 25, 26, 27.

Current Operation: Currently RIH to P&P Stage #28.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order				
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew				
6:30 AM	STIM	PERF	PT	RIH with P&P Stage #24. OWHP 1200 psi. Pumpdown, set plug & perforate stage. POOH.				
8:30 AM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-1040 psi.				
9:00 AM	STIM	FRAC	PT	Frac Stage #24. OWHP-970				

11:00 AM	STIM	FRAC	PT	Stage #24 Completed. All sand pumped. SICP 1075 psi.
11:30 AM	STIM	PERF	PT	RIH with P&P Stage #25. OWHP-1045 psi. Pumpdown, set plug & perforate stage. POOH.
12:45 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP-911 psi.
1:15 PM	STIM	GREASE	PT	Greased Frac stack
1:30 PM	STIM	FRAC	PT	Frac Stage #25. OWHP-970 psi
3:30 PM	STIM	FRAC	PT	Stage #25 Completed. All sand pumped. SICP 1075 psi.
3:45 PM	STIM	PERF	PT	RIH with P&P Stage #26. OWHP - 1127 psi. Pumpdown, set plug and perforate stage. POOH
5:30 PM	STIM	PERF	PT	OOH. Plug set & ASF. SICP -1400 psi
6:30 PM	STIM	FRAC	PT	Frac Stage #26. OWHP-948 psi
8:15 PM	STIM	FRAC	PT	Stage #26 Completed. All sand pumped. SICP 1161 psi.
8:30 PM	STIM	PERF	NPT	RIH with P&P Stage #27 (1st attempt). OWHP - 1150 psi. Pumpdown, set plug, but unable to shoot guns, no indication that gun fired,
10:30 PM	STIM	PERF	NPT	observed short circuit. POOH with live guns to check. OOH, checked gun string. Observed 1st gun fired and the switch on the 2nd gun had blown up. It appeared that the 1st gun fired
10:45 PM	STIM	PERF	NPT	simultaneously when the plug was set. Changed out 2nd gun switch and metered the rest of the guns okay. RIH with 6 guns to perforate Stage #27 (2nd attempt). OWHP - 1040 psi. Pumpdown and attempted to shoot guns, no indication that gun
12:30 AM	STIM	PERF	NPT	fired, short circuit observed. POOH with live guns to check. OOH. Found 2 guns had fired, even though we saw no indication while on depth. LD & disarm remaining 4 guns. Rehead e-line and PU
1:15 AM	STIM	PERF	PT	new set of guns to peforate 4 more clusters. RIH with 4 guns to perforate Stage #27. (3rd attempts) OWHP - 960 psi. Pumpdown and perforated 4 more clusters. POOH
2:30 AM	STIM	PERF	PT	OOH. Confirmed ASF. SICP - 980 psi
2:45 AM	STIM	FRAC	PT	Frac Stage #27. OWHP-880 psi
4:45 AM	STIM	FRAC	PT	Stage #27 Completed. All sand pumped. SICP 1195 psi.
5:00 AM	STIM	PERF	PT	RIH with P&P Stage #28. OWHP - 1150 psi.
6:00 AM	STIM	PERF	PT	Currently RIH to P&P Stage #28.
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WELL N	4ME	AFE#	REPORT #	DA	TE	COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6	Unit #4106	D-2016-009	10	10-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	\$0	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT: 17 ppf		LOAD TO RECOVER (TOTAL):	469,472	

SAFFTY INCIDENTS

	SAFETT INCIDENTS										
DATE	TYPE	COMMENTS									
10-Feb-17	None	No incidents, accidents or spills.									

SERVICES AND COST										
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST			
Onsite Supervision	Bedrock Consulting									
Trailer Houses / Safety Trailers	Oil Patch Trailers									
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals									
Frac Tank / OTT / Acid Tanks	Lone Star Rentals									
Crane	Circle 8									
Test Pump and Hydraulic wrenches	WS Energy									
Stimulation or Frac	FracTech									
Frac Stack / Zipper Manifold / Choke	Spartan									
Others	AJ Logistics (Restraints & Containments									
Plugs or Packers	Schlumberger Plugs									
Wireline or Slickline	ProOilfield (Wireline & Press Control)									
Wireline or Slickline	KLX (Wireline & Press Control)									
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy									
Water Transfer	Big D Water Transfer									
Others	Spectrum (Tracer)									
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk									
Completion Fluids	UDS - Mixing Plant									
Workstring	Knight Oil Tools (Pipe & BOPs)									
Trucking or Hot Shot	ACME, others									
Others	Big Daddys (Catering)									
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)									
Well Testing / Flow Back	Spartan									
	Total:									

24 Hrs Summary:	Frac Stage 28, 29,	30, 31.	P/P Stage 28, 29, 30, 31, 32.

Current Operation: Prepare to frac Stage #32.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew
6:30 AM	STIM	PERF	NPT	RIH with P&P Stage #28 (1st attempt). OWHP - 1150 psi. Pumpdown, set plug & fired 2 guns with good indications. Unable to shoot 5 guns, observed short circuit. POOH with live guns to check.
7:30 AM	STIM	PERF	NPT	OOH. Confirmed 2 guns had fired & last 5 guns guns did not fired. LD & disarm remaining 5 guns. Cut 250' ft cable. Broke guns apart, 3rd gun had bad detonator & ground wire in the gun was broke. Rehead e-line and PU new set of guns to peforate 5 more clusters.
10:00 AM	STIM	PERF	PT	RBIH (2nd attempt) to perf Stage #28. OWHP-890 psi. Pumpdown & perforated stage. POOH.

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12:00 PM	STIM	PERF	PT	OOH. Confirmed ASF. SICP -800 psi
12:15 PM	STIM	P-TEST	NPT	FTSI pressure test had iron leak replace iron re test iron to 9000 psi
1:00 PM	STIM	FRAC	PT	Frac Stage #28. OWHP-680 psi
3:00 PM	STIM	FRAC	PT	Stage #28 Completed. All sand pumped. SICP-1200 psi.
3:30 PM	STIM	PERF	PT	RIH with P&P Stage #29. OWHP- 1045 psi. Pumpdown, set plug & perforate stage. POOH.
5:00 PM	STIM	PERF	PT	OOH. Confirmed ASF. SICP -800 psi
5:30 PM	STIM	GREASE	PT	Greased Frac stack
6:00 PM	STIM	FRAC	PT	Frac Stage #29. OWHP-986 psi
7:45 PM	STIM	FRAC	PT	Stage #29 Completed. All sand pumped. SICP-1094 psi.
8:00 PM	STIM	PERF	PT	RIH with P&P Stage #30. OWHP- 900 psi. Pumpdown, set plug & perforate stage. POOH.
9:30 PM	STIM	PERF	PT	OOH. Confirmed ASF. SICP - 935 psi
9:45 PM	STIM	FRAC	PT	Frac Stage #30. OWHP-870 psi
11:30 PM	STIM	FRAC	PT	Stage #30 Completed. All sand pumped. SICP-1187 psi.
11:45 PM	STIM	PERF	PT	RIH with P&P Stage #31. OWHP- 900 psi. Pumpdown, set plug & perforate stage. POOH.
1:45 AM	STIM	PERF	PT	OOH. Confirmed ASF. SICP - 934 psi
2:00 AM	STIM	FRAC	PT	Frac Stage #31. OWHP-991 psi
4:00 AM	STIM	FRAC	PT	Stage #31 Completed. All sand pumped. SICP-1148 psi.
4:15 AM	STIM	PERF	PT	RIH with P&P Stage #32. OWHP- 1100 psi. Pumpdown, set plug & perforate stage. POOH.
6:00 AM	STIM	PERF	PT	OOH. Confirmed ASF. SICP - 1000 psi. Prepare for frac.
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WELL NA	AME	AFE#	REPORT # DATE			COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6 Unit #4106		D-2016-009	11	11-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	\$0	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT: 17 ppf		LOAD TO RECOVER (TOTAL):	469,472	

SAFFTY INCIDENTS

	SAPETT INCIDENTS										
DATE	TYPE	COMMENTS									
11-Feb-17	None	No incidents, accidents or spills.									

SERVICES AND COST										
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST			
Onsite Supervision	Bedrock Consulting									
Trailer Houses / Safety Trailers	Oil Patch Trailers									
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals									
Frac Tank / OTT / Acid Tanks	Lone Star Rentals									
Crane	Circle 8									
Test Pump and Hydraulic wrenches	WS Energy									
Stimulation or Frac	FracTech									
Frac Stack / Zipper Manifold / Choke	Spartan									
Others	AJ Logistics (Restraints & Containments									
Plugs or Packers	Schlumberger Plugs									
Wireline or Slickline	ProOilfield (Wireline & Press Control)									
Wireline or Slickline	KLX (Wireline & Press Control)									
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy									
Water Transfer	Big D Water Transfer									
Others	Spectrum (Tracer)									
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk									
Completion Fluids	UDS - Mixing Plant									
Workstring	Knight Oil Tools (Pipe & BOPs)									
Trucking or Hot Shot	ACME, others									
Others	Big Daddys (Catering)									
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)									
Well Testing / Flow Back	Spartan									
	Total:									

24 Hrs Summary: Frac Stage 32, 33, 34, 35, 36. P/P Stage 33, 34, 35, 36, 37.

Current Operation: Pulling OOH after P&P Stage #37.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew
6:30 AM	STIM	FRAC	PT	Frac Stage #32. OWHP-890 psi
8:00 AM	STIM	FRAC	PT	Stage #32 Completed. All sand pumped. SICP-1240 psi.
8:30 AM	STIM	PERF	PT	RIH with P&P Stage #33. OWHP- 1140 psi. Pumpdown, set plug & perforate stage. POOH.

10:00 AM	STIM	PERF	PT	OOH. Confirmed ASF. SICP - 1040 psi
10:30 AM	STIM	FRAC	PT	Frac Stage #32. OWHP- 790psi
10:45 AM	STIM	FRAC	NPT	T belt alternator went down. Replaced alternator & battery
11:00 AM	STIM	FRAC	PT	Resume frac stage #33
11:45 AM	STIM	FRAC	NPT	Blender overheated, also lost discharge pressure. Backup blender un-useable due to re-gen. Attempted to flush with pumpdown pumps, lost packing on 1 pump, could only get 13 bpm. Pressured out to 8500 psi, with total of 215 bbl pumped. Got orders to flow well back.
12:00 PM	STIM	F-BACK	NPT	Flowing well back @ 3.0 bpm on a 28/64 choke. Recovered full wellbore volume of 323 bbl
1:15 PM	STIM	FRAC	PT	Resumed frac stage #33
3:15 PM	STIM	FRAC	PT	Stage #33 Completed. 83% sand pumped away max prop con. 2.00# 30/50 SICP-1050 psi.
3:30 PM	STIM	PERF	PT	RIH with P&P Stage #34. OWHP- 1040 psi. Pumpdown, set plug & perforate stage. POOH.
5:00 PM	STIM	PERF	PT	OOH. Confirmed ASF. SICP - 1040 psi
5:30 PM	STIM	GREASE	PT	Greased frac stack. Held PJSM with night shift.
6:00 PM	STIM	FRAC	PT	Frac Stage #34. OWHP-871 psi
8:00 PM	STIM	FRAC	PT	Stage #34 Completed. All sand pumped. SICP-1212 psi.
8:15 PM	STIM	OTHER	NPT	Attempted to RIH with P&P Stage #35. Crown valve would not open fully. Got 26 turns out of 32. Flushed valve with test pump while working valve. Got valve to open fully. Requested a replacement crown valve from Spartan.
9:15 PM	STIM	PERF	PT	RIH with P&P Stage #35. OWHP- 935 psi. Pumpdown, set plug & perforate stage. POOH.
10:45 PM	STIM	PERF	PT	OOH. Confirmed Plug set & ASF. SICP - 1100 psi
11:00 PM	STIM	GREASE	NPT	Injected grease into crown valve.
11:15 PM	STIM	FRAC	PT	Frac Stage #35. OWHP-957 psi
1:00 AM	STIM	FRAC	PT	Stage #35 Completed. All sand pumped. SICP-1187 psi.
1:15 AM	STIM	PERF	PT	RIH with P&P Stage #36. OWHP- 1240 psi. Pumpdown, set plug & perforate stage. POOH.
2:30 AM	STIM	PERF	PT	OOH. Confirmed Plug set & ASF. SICP - 1160 psi
2:45 AM	STIM	FRAC	PT	Frac Stage #36. OWHP-1067 psi
4:30 AM	STIM	FRAC	PT	Stage #36 Completed. All sand pumped. SICP-1065 psi.
4:45 AM	STIM	PERF	PT	RIH with P&P Stage #37. OWHP- 1050 psi. Pumpdown, set plug & perforate stage. POOH.
6:00 AM	STIM	PERF	PT	Pulling OOH after P&P Stage #37.
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WELL N	AME	AFE#	REPORT #	DA	TE	COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6	Unit #4106	D-2016-009	12	12-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT: 8,586		COUNTY AND STATE:	Martin, TX	SIZE: 5.50		CUMMULATIVE COST (TOTAL):	<i>\$0</i>	
KOP: 7,774		COMPL. START DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO RECOVER (TOTAL):	469,472	
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SAFFTY INCIDENTS

	SAFETY INCIDENTS								
DATE	TYPE	COMMENTS							
12-Feb-17	None	No incidents, accidents or spills.							

SERVICES AND COST									
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST		
Onsite Supervision	Bedrock Consulting								
Trailer Houses / Safety Trailers	Oil Patch Trailers								
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals								
Frac Tank / OTT / Acid Tanks	Lone Star Rentals								
Crane	Circle 8								
Test Pump and Hydraulic wrenches	WS Energy								
Stimulation or Frac	FracTech								
Frac Stack / Zipper Manifold / Choke	Spartan								
Others	AJ Logistics (Restraints & Containments								
Plugs or Packers	Schlumberger Plugs								
Wireline or Slickline	ProOilfield (Wireline & Press Control)								
Wireline or Slickline	KLX (Wireline & Press Control)								
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy								
Water Transfer	Big D Water Transfer								
Others	Spectrum (Tracer)								
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk								
Completion Fluids	UDS - Mixing Plant								
Workstring	Knight Oil Tools (Pipe & BOPs)								
Trucking or Hot Shot	ACME, others								
Others	Big Daddys (Catering)								
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)								
Well Testing / Flow Back	Spartan								
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	Total:								

24 Hrs Summary: Frac Stage 37, 38, 29, 40, 41, 42. P/P Stage 38, 39, 40, 41, 42, 43.

Current Operation: Pulling OOH after P&P Stage #43.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order			
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew			
6:15 AM	STIM	PERF	PT	Stage #37 OOH. Confirmed Plug set & ASF. SICP - 960 psi			
6:30 AM	STIM	FRAC	PT	Frac Stage #37. OWHP-780 psi			
8:30 AM	STIM	FRAC	PT	Stage #37 Completed. All sand pumped. SICP-1240 psi.			

9:00 AM	STIM	PERF	PT	RIH with P&P Stage #38. OWHP- 1050 psi. Pumpdown, set plug & perforate stage. POOH.
10:15 AM	STIM	PERF	PT	Stage #37 OOH. Confirmed Plug set & ASF. SICP - 1000 psi
10:30 AM	STIM	FRAC	PT	Frac Stage #38. OWHP-780 psi
12:00 PM	STIM	FRAC	PT	Stage #38 Completed. 81% sand pumped. SICP-1240 psi. During 1.6# 30/50 pressure was started increasing 500 psi per min cut sand
12:30 PM	STIM	PERF	PT	well flushed total prop 282,000 lbs RIH with P&P Stage #39. OWHP- 1240 psi. Pumpdown, set plug & perforate stage. POOH.
2:00 PM	STIM	PERF	PT	Stage #39 OOH. Confirmed Plug set & ASF. SICP - 850 psi
2:30 PM	STIM	FRAC	PT	Frac Stage #39. OWHP-780 psi
4:15 PM	STIM	FRAC	PT	Stage #39 Completed. All sand pumped. SICP-1260 psi.
4:30 PM	STIM	PERF	PT	RIH with P&P Stage #40. OWHP- 1200 psi. Pumpdown, set plug & perforate stage. POOH.
6:00 PM	STIM	PERF	PT	Stage #40 OOH. Confirmed Plug set & ASF. SICP - 875 psi
6:15 PM	STIM	FRAC	PT	Frac Stage #40. OWHP-948 psi
6:45 PM	STIM	FRAC	NPT	Shut down due to leak on high pressure iron on pump. Had 0.6 ppg 100 mesh in hole. Swapped to pumpdown pumps and flushed wellbore
				volume at 16 bpm. FTSI changed out washed out chicksan.
7:15 PM	STIM	FRAC	PT	Continue fracing Stage #40.
9:00 PM	STIM	FRAC	PT	Stage #40 Completed. All sand pumped. SICP-1264 psi.
9:15 PM	STIM	PERF	PT	RIH with P&P Stage #41. OWHP- 1000 psi. Pumpdown, set plug & perforate stage. POOH.
10:30 PM	STIM	PERF	PT	Stage #41 OOH. Confirmed Plug set & ASF. SICP - 860 psi
10:45 PM	STIM	FRAC	PT	Frac Stage #41. OWHP-884 psi
12:30 AM	STIM	FRAC	PT	Stage #41 Completed. All sand pumped. SICP-1098 psi.
12:45 AM	STIM	PERF	PT	RIH with P&P Stage #42. OWHP- 1000 psi. Pumpdown, set plug & perforate stage. POOH.
2:00 AM	STIM	PERF	PT	Stage #42 OOH. Confirmed Plug set & ASF. SICP - 800 psi
2:15 AM	STIM	FRAC	PT	Frac Stage #42. OWHP-951 psi
4:00 AM	STIM	FRAC	PT	Stage #42 Completed. All sand pumped. SICP-1148 psi.
4:15 AM	STIM	OTHER	NPT	Unable to RIH with P&P Stage #43. Crown valve would not open fully. Got 28 turns out of 32. Flushed valve with test pump while working valve. Got valve to open fully.
4:45 AM	STIM	PERF	PT	RIH with P&P Stage #43. OWHP- 1000 psi. Pumpdown, set plug, had indications 4 guns fired and last 3 guns appeared not to have fired. POOH to confirm.
6:00 AM	STIM	PERF	PT	Pulling OOH after P&P Stage #43.
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WELL N	AME	AFE#	REPORT #	DATE COMPLETION SUPERV			SOR [S]	
UL MS HZ Blk 6 Unit #4106		D-2016-009	13	13-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE: \$0		
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	<i>\$0</i>	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO RECOVER (TOTAL):	469,472	

SAFFTY INCIDENTS

L	SAFETT INCIDENTS									
ſ	DATE	TYPE	OMMENTS							
	13-Feb-17	None	No incidents, accidents or spills.							

SERVICES AND COST									
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST		
Onsite Supervision	Bedrock Consulting								
Trailer Houses / Safety Trailers	Oil Patch Trailers								
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals								
Frac Tank / OTT / Acid Tanks	Lone Star Rentals								
Crane	Circle 8								
Test Pump and Hydraulic wrenches	WS Energy								
Stimulation or Frac	FracTech								
Frac Stack / Zipper Manifold / Choke	Spartan								
Others	AJ Logistics (Restraints & Containments								
Plugs or Packers	Schlumberger Plugs								
Wireline or Slickline	ProOilfield (Wireline & Press Control)								
Wireline or Slickline	KLX (Wireline & Press Control)								
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy								
Water Transfer	Big D Water Transfer								
Others	Spectrum (Tracer)								
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk								
Completion Fluids	UDS - Mixing Plant								
Workstring	Knight Oil Tools (Pipe & BOPs)								
Trucking or Hot Shot	ACME, others								
Others	Big Daddys (Catering)								
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)								
Well Testing / Flow Back	Spartan								
	Total:								

24 Hrs Summary:	Frac Stage 43, 44, 45.	P/P Stage 44, 45. Commenced RDMO frac & associated equipment. FTSI 70% rigged down.

Current Operation: RDMO frac equipment.

24 Hrs Forcast: Finish RDMO frac equipment. Move in WO Rig & associated equipment for drillout.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew
6:30 AM	STIM	PERF	NPT	OOH. Observed 4 guns fired and last 3 guns did not fire. Found bad switches in guns that did not fire. Replaced switches and checked guns on surface.
7:00 AM	STIM	PERF	NPT	RBIH second attempt perf stage # 43 Owhp-1000 psi
7:30 AM	STIM	PERF	PT	OOH asf stage #43 SICP-1033 psi

8:00 AM	STIM	FRAC	PT	Frac Stage #43. OWHP-951 psi
10:00 AM	STIM	FRAC	PT	80% Sand pumped away due to sand king hydraulic issues, unable to get over 1.00 ppg prop conc. Lost hydraulic pump on sand king towards the end of 30/50 white and had to cut sand short.
10:30 AM	STIM	PERF	PT	RIH with P&P Stage #44. OWHP- 1200 psi. Pumpdown, set plug & perforate stage. POOH.
12:00 PM	STIM	PERF	PT	Stage #44 OOH. Confirmed Plug set & ASF. SICP -950 psi
12:15 PM	STIM	REPAIR	NPT	Worked on pumps & Prime up test line 9000 psi
12:45 PM	STIM	FRAC	PT	Frac Stage #44. OWHP-951 psi
2:45 PM	STIM	FRAC	PT	Stage #44 Completed. All sand pumped. SICP-1260 psi.
3:00 PM	STIM	PERF	PT	RIH with P&P Stage #45. OWHP- 1200 psi. Pumpdown, set plug & perforate stage. POOH.
4:45 PM	STIM	PERF	PT	Stage #45 OOH. Confirmed Plug set & ASF. SICP -980 psi
5:00 PM	STIM	wow	PT	Waited on bad weather. Lighting observed ~10 miles from location.
6:15 PM	STIM	FRAC	PT	Frac Stage #45. OWHP-929 psi
8:00 PM	STIM	FRAC	PT	Stage #45 Completed. All sand pumped. SICP-1518 psi.
8:15 PM	STIM	PLUG	PT	RIH with Kill Plug. OWHP- 1240 psi. Set plug at 8,100'. POOH.
9:30 PM	STIM	PLUG	PT	OOH. Confirmed Plug set. Bled down well to 0 psi. Performed negative test and confirmed plug is holding. FTSI cleaned out pumps and prepare for rig down.
9:45 PM	STIM	PJSM	PT	Reviewed JSA on rigging down equipment.
9:45 PM	STIM	RDMO	PT	Commenced RDMO frac & associated equipment. ND frac stack, leaving 7-1/16" 10M lower master valve & flow cross on the well. Consolidating water into 7 frac tanks. Released all equipment not needed for drillout.
6:00 AM	STIM	RDMO	PT	FTSI is 70% rigged down.
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WELL N	4ME	AFE#	REPORT #	DA	TE	COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6 Unit #4106		D-2016-009	14	14-Feb-17		James B/ Ben K/ Kola A/ Tynagus J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	<i>\$0</i>	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO RECOVER (TOTAL):	469,472	

SAFFTY INCIDENTS

L	SAFETT INCIDENTS									
ſ	DATE	TYPE	COMMENTS							
	14-Feb-17	None	No incidents, accidents or spills.							

SERVICES AND COST							
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST
Onsite Supervision	Bedrock Consulting						
Trailer Houses / Safety Trailers	Oil Patch Trailers						
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals						
Frac Tank / OTT / Acid Tanks	Lone Star Rentals						
Crane	Circle 8						
Test Pump and Hydraulic wrenches	WS Energy						
Stimulation or Frac	FracTech						
Frac Stack / Zipper Manifold / Choke	Spartan						
Others	AJ Logistics (Restraints & Containments						
Plugs or Packers	Schlumberger Plugs						
Wireline or Slickline	ProOilfield (Wireline & Press Control)						
Wireline or Slickline	KLX (Wireline & Press Control)						
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy						
Water Transfer	Big D Water Transfer						
Others	Spectrum (Tracer)						
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk						
Completion Fluids	UDS - Mixing Plant						
Workstring	Knight Oil Tools (Pipe & BOPs)						
Trucking or Hot Shot	ACME, others						
Others	Big Daddys (Catering)						
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)						
Well Testing / Flow Back	Spartan						
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	Total:						

24 Hrs Summary: Finish RDMO frac equipment. Move in WO Rig & associated equipment for drillout....

Current Operation: Rigging up WO Rig

24 Hrs Forcast: RIH, drill plugs 1-20.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	STIM	PJSM	PT	Held PJSM with day crew
6:30 AM	STIM	RDMO		FTSI continues to rigged down frac equipment. RU rig BOPs, including 7-1/16" 10M x 7-1/16" 5M adapter spool, 7-/16" 5M Pipe-Slip (dressed w/ 2-7/8 Rams), 7-1/16" 5M Blind Ram, 7-/16" 5M Pipe (dressed w/ 2-7/8 Rams). Tested blind rams to 250/4500 psi.
12:00 PM	DO	MIRU	PT	MIRU WO Rig and associated equipment. FTSI completely RDMO of location.
1:00 PM	DO	RU	PT	Continue to RU mixing plant, flowback equipment and WO rig. Offloaded pipes.

8:00 PM	DO	P-TEST	PT	Pressure tested pipe rams to 250/4500 psi for 10 mins. Good tests.
9:45 PM	DO	RIH	PT	P/U 4.75" JZ rock bit, Bit sub with check tested tubing ram to 4,000 psi, RIH with tubing.
10:00 PM	DO	RIH	PT	RIH, Place first check one joint above bit, RIH with 2 joints, stop and P/U second check, continue to RIH.
12:00 AM	DO	RIH	PT	RIH,Stop at 65 joints above bit and place no/go. Continue to RIH.
5:00 AM	DO	RIH	PT	Ran 255 joints, Current death 7,938', stop PU swivel.Continue RIH to kill plug.
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WELL NA	AME	AFE#	REPORT #	EPORT # DATE		COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6	UL MS HZ Blk 6 Unit #4106 D-2016-009 15 15-Feb-17		James B/ Ben K/ Tynagus J/ Travis T					
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	\$0	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO RECOVER (TOTAL):	469,472	

SAFFTY INCIDENTS

١		SAFETT INCIDENTS								
	DATE	TYPE	COMMENTS							
	15-Feb-17	None	No incidents, accidents or spills.							

SERVICES AND COST							
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST
Onsite Supervision	Bedrock Consulting						
Trailer Houses / Safety Trailers	Oil Patch Trailers						
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals						
Frac Tank / OTT / Acid Tanks	Lone Star Rentals						
Crane	Circle 8						
Test Pump and Hydraulic wrenches	WS Energy						
Stimulation or Frac	FracTech						
Frac Stack / Zipper Manifold / Choke	Spartan						
Others	AJ Logistics (Restraints & Containments						
Plugs or Packers	Schlumberger Plugs						
Wireline or Slickline	ProOilfield (Wireline & Press Control)						
Wireline or Slickline	KLX (Wireline & Press Control)						
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy						
Water Transfer	Big D Water Transfer						
Others	Spectrum (Tracer)						
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk						
Completion Fluids	UDS - Mixing Plant						
Workstring	Knight Oil Tools (Pipe & BOPs)						
Trucking or Hot Shot	ACME, others						
Others	Big Daddys (Catering)						
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)						
Well Testing / Flow Back	Spartan						
	Total:						

24 Hrs Summary: PLUGS DRILLED. KILL PLUG & 1-19

Current Operation: CIRCULATE BOTTOMS UP PUMPED 20 BBL SWEEEP.

24 Hrs Forcast: Drill plugs #21-40

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order
6:00 AM	DO	PJSM	PT	Held PJSM with day crew
6:30 AM	DO	RIH		CONTINUED RIH TO KILL PLUG @ 8182', TAGGED PLUG PICKED UP ONE JOINT OFF PLUG AND BEGAN TYING RIG BACK, AND RU POWER SWIVEL.
8:00 AM	DO	DRILL	PT	POWER SWIVEL RU BEGIN DRILLING ON KILL PLUG @ 8182', JOINT # 265.
8:15 AM	DO	DRILL		DRILLED KILL PLUG D/T = 15 MINS, P/R = 3.0 BPM, CIRCULATING PSI = 1200, WHP = 1000 PSI, WHILE DRILLING KILL PLUG HELD 1000 PSI BACK PRESSURE ON MANIFOLD, AFTER KILL PLUG WAS DRILL WHP = 500 PSI. PUMPED 10 BBL 90 VIS GEL

9:30 AM	DO	RIH	PT	CONTINUED TO RIH TO FIRST FRAC PLUG @ 9,177'.
10:00 AM	DO	DRILL	PT	TAGGED PLUG #1 @ 9,177', JOINT #301 P/R = 3.5 BPM @ 1600 PSI, R/R = 3.5 BPM @ 800 PSI, PUMPED 10 BBLS 90 VIS GEL
10:15 AM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #2.
10:45 AM	DO	DRILL	PT	TAGGED PLUG #2 @ 9,362', P/R = 3.5 BPM @ 1600 PSI, R/R = 3.5 BPM @ 800 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
11:00 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #3.
11:15 AM	DO	DRILL	PT	TAGGED PLUG #3 @ 9,518', JOINT #306 P/R = 3.2 BPM @ 1600 PSI, R/R = 3.2 BPM @ 800 PSI, PUMPED 10 BBLS 90 VIS GEL
11:45 AM	DO	CIR	PT	SWEEP MEADIUM SAND CIRCULATE BOTTOMS UP PUMPED 15 BBL SWEEEP.
12:45 PM	DO	RIH	PT	SWEEP BACK HOLE CLEAN,CONTINUE RIH PLUG #4
1:30 AM	DO	DRILL	PT	TAGGED PLUG #4 @9,673 ', JOINT #311 P/R = 3.2 BPM @ 1600 PSI, R/R = 3.2 BPM @ 800 PSI, PUMPED 10 BBLS 90 VIS GEL
2:00 PM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #5.
2:30 PM	DO	DRILL	PT	TAGGED PLUG #5 @9,859 ', JOINT #317 P/R = 3.2 BPM @ 1175PSI, R/R = 3.2 BPM @ 500 PSI, PUMPED 10 BBLS 90 VIS GEL
2:45 PM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #6.
3:15 PM	DO	DRILL	PT	TAGGED PLUG #6 @10,014 ', JOINT #322 P/R = 3.2 BPM @ 1175 PSI, R/R = 3.2 BPM @ 500 PSI, PUMPED 15 BBLS 90 VIS GEL
3:30 PM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #7.
4:00 PM	DO	DRILL	PT	TAGGED PLUG #7 @10,199 ', JOINT #328 P/R = 3.2 BPM @ 1175 PSI, R/R = 3.2 BPM @ 500 PSI, PUMPED 15 BBLS 90 VIS GEL
4:15 AM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #8.
4:30 PM	DO	DRILL	PT	TAGGED PLUG #8 10.355 @ ', JOINT #333 P/R = 3.2 BPM @ 1175 PSI, R/R = 3.2 BPM @ 500 PSI, PUMPED 15 BBLS 90 VIS GEL
5:00 PM	DO	RIH	PT	SWEEP TAGGED PLUG #9 PU OFF PLUG CIRCULATE BOTTOMS UP PUMPED 20 BBL SWEEP, PUW-90K NTW-80K SOW-73K SWIVEL
	DO	PJSM	PT	TORQUE 3500 FT/LBS. P/R 4.0 BPM 1100 PSI. R/R 4.0 BPM 500PSI Held PJSM with night crew
5:30 PM				· · · · · · · · · · · · · · · · · · ·
6:30 AM	DO	RIH	PT	SWEEP BACK HOLE CLEAN, CONTINUE RIH PLUG #9
7:15 AM	DO	DRILL	PT	TAGGED PLUG #9 10,509 @ ', JOINT #339 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 500 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
7:30 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #10.
8:00 AM	DO	DRILL	PT	TAGGED PLUG #10 10,677 @ ', JOINT #344 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 500 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
8:15 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #11.
8:30 PM	DO	DRILL	PT	TAGGED PLUG #11 @10,824 ', JOINT #350 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 500 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
8:45 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #12.
9:30 PM	DO	DRILL	PT	TAGGED PLUG #12 @11,009 ', JOINT #355 P/R = 4.0 BPM @ 1150 PSI, R/R = 4.0 BPM @ 400 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
9:45 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #13.
10:15 PM	DO	DRILL	PT	TAGGED PLUG #13 @11,179 ', JOINT #361 P/R = 4.0 BPM @ 1150 PSI, R/R = 4.0 BPM @ 400 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
10:30 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #14.
11:00 PM	DO	RIH	PT	TAGGED PLUG #14 PU OFF PLUG CIRCULATE BOTTOMS UP PUMPED 20 BBL SWEEP. PUW-90K NTW-80K SOW-73K SWIVEL TORQUE 3500 FT/LBS. P/R 4.0 BPM 1200 PSI. R/R 4.0 BPM 400PSI
12:00 AM	DO	RIH	PT	SWEEP BACK HOLE CLEAN, CONTINUE RIH PLUG #14
12:45 AM	DO	DRILL	PT	TAGGED PLUG #14 @11,349 ', JOINT #366 P/R = 4.0 BPM @ 1218 PSI, R/R = 4.0 BPM @ 400 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
1:30 PM	DO	RIH	PT	TAGGED PLUG #15 @11,508 ', JOINT #371 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 500 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
2:30 AM	DO	DRILL	PT	TAGGED PLUG #16 @11,679 ', JOINT #377 P/R = 4.0 BPM @ 1300 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP
3:30 AM	DO	DRILL	PT	TAGGED PLUG #17 @11,851 ', JOINT #382 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 10 BBLS 90 VIS GEL
4:00 AM	DO	DRILL	PT	SWEEP TAGGED PLUG #18 @12,025 ', JOINT #388 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 10 BBLS 90 VIS GEL
4:30 AM	DO	DRILL	PT	SWEEP TAGGED PLUG #19 @12,190 ', JOINT #393 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 100 PSI, PUMPED 10 BBLS 90 VIS GEL
5:00 AM	DO	DRILL	PT	SWEEP TAGGED PLUG #20 @12,355 ', JOINT #398 P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 200 PSI, PUMPED 10 BBLS 90 VIS GEL
5:15 AM	DO	RIH	PT	SWEEP TAGGED PLUG #21 PU OFF PLUG CIRCULATE BOTTOMS UP PUMPED 20 BBL SWEEP. PUW-90K NTW-80K SOW-73K SWIVEL
				TORQUE 3500 FT/LBS. P/R 4.0 BPM 1200 PSI. R/R 4.0 BPM 400PSI



WELL N	ΔMF	AFE#	REPORT # DATE		TF	COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6 Unit #4106		D-2016-009	16	16-Feb-17		James B/ Ben K/ Tynagus J/ Travis T		
PBTD:	16,673	KB - GROUND DISTANCE:	22	PROD.	CASING	DAILY COST ESTIMATE:	\$0	
MARKER JOINT:	8,586	COUNTY AND STATE:	Martin, TX	SIZE:	5.50	CUMMULATIVE COST (TOTAL):	\$0	
кор:	7,774	COMPL. START DATE:	1-Feb-17	WEIGHT:	17 ppf	LOAD TO RECOVER (TOTAL):	469,472	

SAFETY INCIDENTS

	SALETT MCDERTS								
DATE	TYPE	COMMENTS							
16-Feb-17	None	No incidents, accidents or spills.							

SERVICES AND COST							
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST
Onsite Supervision	Bedrock Consulting						
Trailer Houses / Safety Trailers	Oil Patch Trailers						
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals						
Frac Tank / OTT / Acid Tanks	Lone Star Rentals						
Crane	Circle 8						
Test Pump and Hydraulic wrenches	WS Energy						
Stimulation or Frac	FracTech						
Frac Stack / Zipper Manifold / Choke	Spartan						
Others	AJ Logistics (Restraints & Containments						
Plugs or Packers	Schlumberger Plugs						
Wireline or Slickline	ProOilfield (Wireline & Press Control)						
Wireline or Slickline	KLX (Wireline & Press Control)						
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy						
Water Transfer	Big D Water Transfer						
Others	Spectrum (Tracer)						
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk						
Completion Fluids	UDS - Mixing Plant						
Workstring	Knight Oil Tools (Pipe & BOPs)						
Trucking or Hot Shot	ACME, others						
Others	Big Daddys (Catering)						
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)						
Well Testing / Flow Back	Spartan						
	Total:						

24 Hrs Summary:	PLUGS DRILLED #21-38

Current Operation: CIRCULATE BOTTOMS UP PUMPED 15-10-15 BBL SWEEEP.

24 Hrs Forcast: Drill plugs #39-45, CIRCULATE BOTTOMS UP

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order		
6:00 AM	DO	PJSM	PT	Held PJSM with day crew		
6:30 AM	DO	CIR	PT	Tagged plug #21 Pu Circulate bottoms up pumped 20 bbl sweep		
7:00 AM	DO	DRILL	PT	TAGGED PLUG #21 @12,525', JOINT #404P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 200 PSI, PUMPED 10 BBLS 90 VIS GEL SWEEP		
7:30 AM	DO	RIH	NPT	REACHED DEPTH 12,618' POOH TO BOTTOM CURVE. LAY-DOWN MACHINE FUEL PUMP WENT OUT NEW LAY-DOWN MACHINE IN ROUTE.		

9:30 AM	DO	РООН	NPT	POOH TO 9130' BOTTOM CURVE PUMP 30 BBL SWEEP	
11:30 AM	DO	CIR	PT	30 BBL SWEEP CAME BACK. HOLE IS CLEAN	
12:15 PM	DO	RIH	NPT	LAY DOWN MACHINE ARRIVED ON LOCATION. 6 HR DOWN TIME FOR LAY-DOWN MACHINE BLACKHAWLK SERVICES.	
1:15 PM	DO	RIH	PT	RBIH TAGGED UP 12,233' WILL LAY DOWN 6 JTS RUN 3 STANDS OF DOUBLES IN THE HOLE RU SWIVEL	
2:00 PM	DO	WASH	PT	LAY DOWN SINGLES PU SWIVEL BEGIN WASHING BACK TO BOTTOM DRILLING UP PLUG #22	
2:30 PM	DO	DRILL	PT	TAGGED PLUG #22 @12,698 ', JOINT #409 P/R = 3.5 BPM @ 1200 PSI, R/R = 3.5 BPM @ 450 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP	
2:45 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #23.	
3:00 PM	DO	DRILL	PT	TAGGED PLUG #23 @12,861 ', JOINT #414 9P/R = 3.5 BPM @ 1200 PSI, R/R = 3.5 BPM @ 450 PSI, PUMPED 20 BBLS 90 VIS GEL	
3:15 PM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #24.	
3:30 PM	DO	DRILL	PT	TAGGED PLUG #24 @13,051 ', JOINT #420 9P/R = 3.5 BPM @ 1200 PSI, R/R = 3.5 BPM @ 400 PSI, PUMPED 20 BBLS 90 VIS GEL	
3:45 PM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #25.	
4:00 PM	DO	DRILL	PT	TAGGED PLUG #25 @13,206 ', JOINT #420 9P/R = 3.5 BPM @ 1300 PSI, R/R = 3.5 BPM @ 350 PSI, PUMPED 20 BBLS 90 VIS GEL	
4:15 PM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #26.	
4:30 PM	DO	DRILL	PT	TAGGED PLUG #26 @13,391 ', JOINT #431 9P/R = 3.5 BPM @ 1360 PSI, R/R = 3.5 BPM @ 350 PSI, PUMPED 20 BBLS 90 VIS GEL	
5:00 PM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #27.	
5:30 PM	DO	DRILL	PT	TAGGED PLUG #27 @13,545 ', JOINT #436 9P/R = 3.5 BPM @ 1360 PSI, R/R = 3.5 BPM @ 350 PSI, PUMPED 20 BBLS 90 VIS GEL	
5:45 PM	DO	RIH	PT	SWEEP RIH TAGGED PLUG #28 PU OFF PLUG PUMPED 10-20-10 SWEEP CLEAN HOLE FOR NIGHT SHIFT. PUW-100K NW-82K SOW-72K	
6:45 PM	DO	CIR	PT	SWIVEL- 2000FT/lbs 30 BBL SWEEP CAME BACK, HOLE IS CLEAN	
7:00 PM	DO	DRILL	PT	TAGGED PLUG #28 @13.695 ', JOINT #442 9P/R = 4.0 BPM @ 1200 PSI. R/R = 4.0 BPM @ 300 PSI. PUMPED 20 BBLS 90 VIS GEL	
				SWEEP CONTINUED TO RIH PLUG #29.	
7:15 PM	DO	RIH	PT		
7:45 PM	DO	DRILL	PT	TAGGED PLUG #29 @13,830 ', JOINT #446 9P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP	
8:00 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #30.	
8:30 PM	DO	DRILL	PT	TAGGED PLUG #30 @14,037 ', JOINT #453 9P/R = 4.0 BPM @ 1300 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP	
8:45 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #31.	
9:30 PM	DO	DRILL	PT	TAGGED PLUG #31 @14,201 ', JOINT #458 9P/R = 4.0 BPM @ 1450 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP	
9:45 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #32.	
10:15 PM	DO	DRILL	PT	TAGGED PLUG #32 @14,367 ', JOINT #464 9P/R = 4.0 BPM @ 1220 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP	
10:30 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #33.	
11:00 PM	DO	DRILL	PT	TAGGED PLUG #33 @14,532 ', JOINT #469 9P/R = 4.0 BPM @ 1220 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP	
11:15 PM	DO	CIR	PT	CONTINUED TO RIH PLUG #34.	
11:30 PM	DO	RIH	PT	RIH TAGGED PLUG #34 PU OFF PLUG PUMPED 10-20-10 SWEEP CLEAN HOLE. PUW-100K NW-82K SOW-72K SWIVEL- 2000FT/lbs	
1:45 AM	DO	DRILL	PT	TAGGED PLUG #34 @14,707 ', JOINT #475 9P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 200 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP	
2:00 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #35.	
2:15 AM	DO	DRILL	PT	TAGGED PLUG #35 @14,870 ', JOINT #480 9P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 200 PSI, PUMPED 20 BBLS 90 VIS GEL	
2:30 AM	DO	RIH	PT	SWEEP CONTINUED TO RIH PLUG #36.	
3:00 AM	DO	DRILL	PT	TAGGED PLUG #36 @15,039 ', JOINT #485 9P/R = 4.0 BPM @ 1200 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 20 BBLS 90 VIS GEL	
3:45 AM	DO	RIH	PT	SWEEP STARTED PIPE ON PIPE FLUIDS.	
4:00 AM	DO	DRILL	PT	TAGGED PLUG #37 @15,211 ', JOINT #491 9P/R = 4.0 BPM @ 1350 PSI, R/R = 4.0 BPM @ 300 PSI, PUMPED 20 BBLS 90 VIS GEL	
4:30 AM	DO	DRILL	PT	SWEEP TAGGED PLUG #38 @15,376 ', JOINT #496 9P/R = 4.0 BPM @ 1100 PSI, R/R = 4.0 BPM @ 200 PSI, PUMPED 20 BBLS 90 VIS GEL	
4:45 AM	DO	CIR	PT	SWEEP RIH TAGGED PLUG #39 PU OFF PLUG PUMPED 15-10-15 SWEEP CLEAN HOLE. PUW-100K NW-82K SOW-72K SWIVEL-	
				2000FT/lbs	



	WELL N	AME	AFE#	REPORT #	DATE		COMPLETION SUPERVISOR [S]		
UL MS HZ Blk 6 Unit #4106 D-2016-009 17 17-Feb-17 James B/ Ben K/ Tyr			James B/ Ben K/ Tynagus J/ 1	nagus J/ Travis T					
PBTD:	16,673 KB - GROUND DISTANCE: 22 PROD. CASING		DAILY COST ESTIMATE:	\$0					
MARKER JOINT:		8,586	COUNTY AND STATE:	Martin, TX	SIZE:	SIZE: 5.50 CUMMULATIVE COST (TOTAL):		\$0	
кор:		7,774	COMPL. START DATE:	1-Feb-17	WEIGHT: 17 ppf LOAD TO RECOVER (TOTAL):		LOAD TO RECOVER (TOTAL):	469,472	
SAFETY INCIDENTS									
DATE	TYPE	COMMENTS							
17-Feb-17	None	No incidents, accidents or spills.							

	SERVICES AN	ID COST					
COMPLETIONS SERVICES	COMPANY	COUNT	REG. HRS	CUMM. HRS	NPT HRS	CUMM. NPT	DAILY COST
Onsite Supervision	Bedrock Consulting						
Trailer Houses / Safety Trailers	Oil Patch Trailers						
Rentals (Trailer, LP, FL, ML, PP, Transf pumps)	Sunbelt Rentals						
Frac Tank / OTT / Acid Tanks	Lone Star Rentals						
Crane	Circle 8						
Test Pump and Hydraulic wrenches	WS Energy						
Stimulation or Frac	FracTech						
Frac Stack / Zipper Manifold / Choke	Spartan						
Others	AJ Logistics (Restraints & Containments						
Plugs or Packers	Schlumberger Plugs						
Wireline or Slickline	ProOilfield (Wireline & Press Control)						
Wireline or Slickline	KLX (Wireline & Press Control)						
Vacuum Trucks or Fluid Disposal	BRT / Basic / Key Energy						
Water Transfer	Big D Water Transfer						
Others	Spectrum (Tracer)						
Rig (Workover Rig, Drilling Rig, etc)	Blackhawk						
Completion Fluids	UDS - Mixing Plant						
Workstring	Knight Oil Tools (Pipe & BOPs)						
Trucking or Hot Shot	ACME, others						
Others	Big Daddys (Catering)						
Downhole Tool Rental (Bits, Motors etc.)	Spartan (4.75" JZ Bit)						
Well Testing / Flow Back	Spartan						
	Total:						

24 Hrs Summary:	Drill plugs #39-45, Circlulate bottoms up,RD workover rig.						
Current Operation:	RDMO workover rig and support equipment.						

24 Hrs Forcast: MIRU spartan flowback.

Time	Phase	Ops Code	Status	Activities in the Past 24 hrs in Chronological Order		
6:00 AM	DO	PJSM	PT	Held PJSM with day crew		
6:30 AM	DO	CIR	PT	CIRCLULATING BOTTOMS UP		
7:00 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #39.		
7:15 AM	DO	DRILL	PT	TAGGED PLUG #39 @15,555', JOINT #501 9P/R = 4.0 BPM @ 1100 PSI, R/R = 4.0 BPM @ 200 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP		

7:30 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #40.
8:00 AM	DO	DRILL	PT	TAGGED PLUG #40 @15,710 ', JOINT #506 9P/R = 4.0 BPM @ 1100 PSI, R/R = 4.0 BPM @ 200 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP
8:15 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #41.
8:30 AM	DO	DRILL	PT	TAGGED PLUG #41 @15,895 ', JOINT #512 9P/R = 4.0 BPM @ 12500 PSI, R/R = 4.0 BPM @ 325 PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP
8:45 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #42.
9:00 AM	DO	DRILL	PT	TAGGED PLUG #42 @16,082 ', JOINT #518 9P/R = 4.0 BPM @ 1400 PSI, R/R = 4.0 BPM @ 375PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP
9:15 AM	DO	RIH	PT	CONTINUED TO RIH PLUG #43.
9:30 AM	DO	DRILL	PT	TAGGED PLUG #43 @16,238 ', JOINT #523 9P/R = 4.0 BPM @ 1400 PSI, R/R = 4.0 BPM @ 375PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP
9:45 PM	DO	RIH	PT	CONTINUED TO RIH PLUG #44.
10:00 AM	DO	DRILL	PT	TAGGED PLUG #44 @16,238 ', JOINT #529 9P/R = 4.0 BPM @ 1400 PSI, R/R = 4.0 BPM @ 375PSI, PUMPED 20 BBLS 90 VIS GEL SWEEP
10:15 AM	DO	CIR	PT	TOTAL DEPTH 16,609' JT 535 KELLY DOWN PUTS US 19 FEET ABOVE TOE SLEEVE PUMPED 20-10-20 SWEEP FULL BOTTOMS UP.
12:00 PM	DO	РООН	PT	SWEEP IS BACK HOLE IS CLEAN. COMMENCE POOH TO BOTTOM OF CURVE DEPTH 9100'
4:00 PM	DO	CIR	PT	POOH TO 9100' RU SWIVEL PUMP SWEEPS 30-30-30 BBLSWEEPS P/R @5BPM 2100 PSI R/R 4.5 BPM 350 PSI. ROTATING & RECIPROCATING PIPE.
5:15 PM	DO	РООН	PT	SWEEPS BACK CURVE CLEAN POOH TO 500' BELOW PIPE LIGHT.
5:30 PM	DO	PJSM	PT	PJSM WITH ALL VENDERS
6:00 PM	DO	РООН	PT	FINISHED CIRCULATING BOTTOMS UP FROM 9,100', SICP ATFER 15 MINS=600 PSI, RESUME POOH.
10:00 PM	DO	РООН	PT	STOP AT 2000', CLOSED SLIP RAMS AND TUBING RAMS, TAKE OFF STRIPPING HEAD.
11:30 PM	DO	PJSM	PT	PJSM WITH SUBBING UNIT.
11:45 PM	DO	MIRU	PT	MIRU SUBBING UNIT
1:30 AM	DO	РООН	PT	OWHP 650 PSI, POOH WITH WORK STRING.
3:30 AM	DO	RDMO	PT	OOH WITH TUBING, WELL SHUT IN 650 PSI,RDMO WO RIG AND SUPPORT EQUIPMENT.
<u> </u>				I