

WPX Energy																	
Daily Drilling Report																	
WELL NAME:	UL MCNASSER 0201-17 3H		AFE #:	200856		AFE \$:	3,325,047		LANDING PNT	10,633(usl)		REPORT#:	25	DATE:	10/8/2020		
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	777,045		LATERAL SEC:	0.00		DFS:	21.35				
EVENT:	DRILLING		LOCATION:			CUM COST \$:	3,439,601		TD (MD):	21,811.0		LITHOLOGY:					
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		API: 42-475-38147		TD (TVD):		11,329.8		FORMATION:		WOLFCAMP A			
ENGINEER:	Luke McDougal		ROT HRS:	0.00				SPUD DATE::		9/1/2020		DIESEL (MUD DIESEL):		0 / 28,470			
TODAY'S DEPTH:		21,811 (usft)	CUM ROT:	318.50		+/- PLAN:				RR DATE :		DIESEL (RIG FUEL):		0 / 41,783			
											NAT GAS (DGE):		0.00 / 0.00				
PREV. DEPTH:		21,811 (usft)			RIG::		H&P 314					SUPERVISOR:		Bryon Ence			
PROGRESS:		(usft)	WEATHER: TODAY: CLEAR CURRENTLY ITS 72 THE HIGH WILL BE 93									SUPERVISOR PH. #:		432 848 5217			
PRESENT OPERATION:		RIG RELEASED F/ UL MCNASSER 0201-17-3H @ 16:00 HRS 010/08/2020, SUSPEND WELL AND SKID RIG TO UL MCNASSER 0201-17-2H															
OPERATION FORECAST:		RIG RELEASED F/ UL MCNASSER 0201-17-3H @ 16:00 HRS 010/08/2020, SUSPEND WELL AND SKID RIG TO UL MCNASSER 0201-17-2H															
CSG / WELL CONTROL			DRLG DATA					DOWNTIME:			BIT RECORD						
LAST CASING:		7.625(in)	ST WT UP				PRESS		LOSS TIME (hrs):		1.50		BIT #				
DEPTH:		10,633(usft)	ST WT DN				RATE		LOSS TIME INC:		2.00		SIZE		HHP		
LAST BOP:		9/25/2020	ST WT ROT				DP AV		NEAR MISSES:		0.00		TYPE		P BIT		
LOT EMW:			TQ ON BTM				DC AV		24 HR RIG DOWN:		0.00		JETS		-		
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM						CUM RIG DOWN		0.50		DEPTH IN				
CONN:		HCL-80 BTC											DEPTH OUT				
PUMP DATA														DULL CONDITION			
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM						
1		GARDENER-DENVER			5.000		11		3,800.00		213.2						
2		GARDENER-DENVER			5.000		11		3,800.00		213.2						
3		GARDENER-DENVER					11										
SURVEY DATA																	
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS										
21,811.00	90.70	163.73	11,329.78	-10,294.90	3,390.55	-10,294.90	0.00										
21,751.00	90.70	163.73	11,330.51	-10,237.30	3,373.74	-10,237.30	1.51										
21,670.00	90.70	162.51	11,331.50	-10,159.80	3,350.22	-10,159.80	1.86										
21,575.00	89.33	163.62	11,331.53	-10,068.93	3,322.55	-10,068.93	0.23										
21,481.00	89.23	163.43	11,330.35	-9,978.79	3,295.89	-9,978.79	1.03										
MUD DATA																	
Date: 10/8/2020 6:00:00PM			MUD TYPE INVERT		CHECK DEPTH 21,811		FL TEMP		WATER 17.00 (%)		OIL 61.00 (%)		SAND (%)				
GELS (8.0/14.0			Filter Cak 2.0 (32nd")		HTHP 10.5		MW 12.50		VISC 58.00		TEMP 150.00		ECD				
PV/YP 23.0/10.0			MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+				
Lubricant %			ES 430.0		WPS 251,505		CaCl2 25.2		WATER 22.00 (%)		OIL 78.00 (%)		HGS 14.08 (%)				
LGS 6.42 (%)			SOLIDS 22.00 (%)		H2S (ppm)		6/3 9.00 / 8.00										
COMMENTS																	
MUD GAS DATA																	
CONNECTION MAX				0.00				TRIP MAX				0.00					
BACKGROUND MAX												0.00					
CURRENT BHA																	
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
BHA HRS		MTR HRS 0															
JAR HRS		MWD Hrs															
OPERATIONS (00:00)																	
OPERATION COMMENT				TIH WITH 5.5 LINER ON 4.5" DRILL PIPE F / 20,500' - 21,811'(TAGGED BOTTOM @ 21,811 GOOD), CIRCULATE BOTTOMS UP, DROP 1.25" BALL M/U CEMENT HEAD, SET HANGER AND PREP TO CEMENT, CEMENT AS PER PROG, SET PACKER, CIRCULATE EXCESS CEMENT OFF OF LINER TOP(79 BBLs OF CEMENT TO SURFACE), POSITIVE TEST TOP OF PACKER TO 2,500 PSI, GOOD TEST, DISPLACE WELL W/ TREATED BRINE FLUID, PERFORM NEGATIVE WHILE L/D CEMENT HEAD, FILL TRIP TANKS AND TOO H TO L/D LINER HANGER TOOL F/ 11,418' - 0.0', PJSM W/ CACTUS AND PULL WEAR BUSHING, N/D BOPS AND PREP TO WALK RIG, LIFT STACK, REMOVE TA CAP FROM NEXT WELL, RIG RELEASED F/ UL MCNASSER 0201-17-3H @ 16:00 HRS 010/08/2020, SUSPEND WELL AND SKID RIG TO UL MCNASSER 0201-17-2H													
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS										
00:00	00:30	21,811.00	21,811.00	06	P	F_PRO	TIH W/ 5.5" 20# VA ROUGHNECK VA-EP P-110 PRODUCTION CASING ON DP F/ 20,500' T/ 21,811'										
							NOTE: FILL PIPE AND BREAK CIRC EVERY 3,000 FEET MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY TRIP SPEED= 1,976' FPH NO ISSUES										
00:30	02:00	21,811.00	21,811.00	05	P	F_PRO	CIRCULATE AND CONDITION BOTTOMS UP (7,300STKS) 80 SPM, 8 BPM, GPM: 211, PSI: 2,300 NOTE: VERIFIED BOTTOMS, FULL RETURNS THROUGH OUT										
02:00	02:30	21,811.00	21,811.00	21	P	F_PRO	L/D SINGLE & M/U PUP JOINTS, P/U CEMENT HEAD M/U SAME										
02:30	04:00	21,811.00	21,811.00	12	P	F_PRO	DROP 1.25" PHENOLIC RELEASING BALL - PUMP SETTING BALL DOWN @ 5 BPM W/ 2,010 PSI - AFTER 1100 STROKES LOWER RATE TO 2.0 BPM - LAND BALL WITH 2,053 PSI - SHEAR BALL WITH 3,650 PSI. - ESTABLISH CIRCIRCULATION DROP 1.5' PHENOLIC RELEASING BALL - PUMP SETTING BALL DOWN @ 5 BPM W/ 1090 PSI - AFTER 1100 STROKES LOWER RATE TO 2.0 BPM - LAND BALL WITH 1,103 PSI - SHEAR BALL WITH 1,931 PSI. - ESTABLISH CIRCIRCULATION - VERIFY LINER RELEASE, P/U WT 242K - SLACK OFF TO 150K HOOK LOAD FOR CEMENT JOB. NOTE: HELD PRE JOB MEETING WITH CEMENTERS WHILE SETTING AND RELEASING LINER HANGER.										
04:00	04:30	21,811.00	21,811.00	12	P	F_PRO	RIG UP CEMENT LINE TO BAKER CEMENT HEAD										

OPERATIONS (00:00)							
OPERATION COMMENT		TIH WITH 5.5 LINER ON 4.5" DRILL PIPE F / 20,500' - 21,811'(TAGGED BOTTOM @ 21,811 GOOD), CIRCULATE BOTTOMS UP, DROP 1.25" BALL M/U CEMENT HEAD, SET HANGER AND PREP TO CEMENT, CEMENT AS PER PROG, SET PACKER, CIRCULATE EXCESS CEMENT OFF OF LINER TOP(79 BBLS OF CEMENT TO SURFACE), POSITIVE TEST TOP OF PACKER TO 2,500 PSI, GOOD TEST, DISPLACE WELL W/ TREATED BRINE FLUID, PERFORM NEGATIVE WHILE L/D CEMENT HEAD, FILL TRIP TANKS AND TOOH TO L/D LINER HANGER TOOL F/ 11,418' - 0.0', PJSM W/ CACTUS AND PULL WEAR BUSHING, N/D BOPS AND PREP TO WALK RIG, LIFT STACK, REMOVE TA CAP FROM NEXT WELL, RIG RELEASED F/ UL MCNASSER 0201-17-3H @ 16:00 HRS 010/08/2020, SUSPEND WELL AND SKID RIG TO UL MCNASSER 0201-17-2H					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
04:30	07:00	21,811.00	21,811.00	12	P	F_PRO	CEMENT 5.5" 20# VA ROUGHNECK VA-EP P-110 PRODUCTION LINER AS FOLLOWS: - FLUSH LINES AND TEST TO 8,000 PSI, GOOD TEST. - MIX AND PUMP 30 BBLS TUNED PRIME SPACER @ 13.2 PPG - MIX AND PUMP 251 BBLS (1150 SXS) @ 14.5 PPG MIX WATER 5.58 GAL/SX YIELD 1.225 FT3/SX - WASH UP, DROP WIPER DART - START DISPLACEMENT 382 BBLS - 260 LBS/10BBLS SUGAR WATER - WIPER DART LATCHED UP @ 122 BBLS INTO DISPLACEMENT @ 4.5 BPM W/ 4,860 PSI. - CONTINUE DISPLACEMENT WITH 122 BBLS OF 12.5 OBM. - LANDED WIPER DART @ 3.5 BPM W/ 4,200 PSI FINAL CIRCULATING PRESSURE - INCREASED PRESSURE TO 6,220' PSI HELD FOR 5 MIN. - BLEED BACK 7.5 BBLS TO TRUCK, FLOATS HELD. - RIG DOWN CEMENT LINES FROM CEMENT HEAD. FULL RETURNS THREW OUT JOB NOTE: OFFLINE TEST CSG AND BOPE TEST LINER TOP T/ 2,500' FOR 30 MIN (GOOD TEST) TEST FLOOR VALVES, CHOKE MANIFOLD 250 LOW 8500 HIGH (GOOD TEST)
07:00	07:30	21,811.00	21,811.00	22	P	F_PRO	SET PACKER AS FOLLOWS: SWAP VALVES TO RIG PUMP,CLOSED LOW TRQ VALVE & KNOCKED OFF IRON. OPENED TIW VALVE & OPEN RIG 2" BLEED OFF PRIOR TO MOVING PIPE P/U TO NEUTRAL WEIGHT @ 242K. P/U 16' FROM NEUTRAL WEIGHT. S/O SET PACKER OBSERVED SHEAR AT 32K DOWN, SET 100K 3X APPLIED 1000 PSI DOWN STRING P/U ADDITIONAL 5' STING SEALS OUT OF PBR BEGIN CIRCULATE CEMENT & SPACER OUT @ 10.0 BPM W/ 3,730 PSI WITH FULL RETURNS.
07:30	08:00	21,811.00	21,811.00	12	P	F_PRO	CIRCULATE EXCESS CEMENT OFF OF LINER SPM 160, GPM= 427 = 3,730 PSI NOTE: RECOVERED SPACER & 79 BBL CEMENT
08:00	08:15	21,811.00	21,811.00	21	P	F_PRO	TEST LINER TOP PACKER T/ 2,500 PSI (GOOD TEST)
08:15	09:15			21	P	F_PRO	DISPLACE 12.5# OBM OUT WITH 420 BBL 10.0 PPB BRINE W/ INHIBITOR 160 SPM= 10 BPM=427 GPM, 2855-3400 PSI DISPLACE 12.7# OBM OUT WITH 10# TREATED W/ INHIB. BRINE WATER,282 BBL, TRANSFER OBM TO FRAC TANK FARM, LINE UP FLUSH OUT SURFACE EQUIPMENT WITH SUGAR WATER
09:15	09:45	21,811.00	21,811.00	22	P	F_PRO	BREAK OUT BAKER CEMENT HEAD & LAY DOWN NOTE: PERFORMED NEG TEST WHILE L/D CEMENT HEAD (GOOD TEST)
09:45	13:15	21,811.00	21,811.00	06	P	F_PRO	TOOH RACKING BACK DP WITH 5.5 LINER RUNNING TOOLS F/ 11,418' T/ 0' SURFACE NOTE: PULLED ROT HEAD 1,395 INSTALL TRIP NIPPLE HOLE TAKING PROPER FILL. TRIP SPEED= 2,234' FPH NO ISSUES
13:15	13:45	21,811.00	21,811.00	22	P	F_PRO	L/D LINER RUNNING TOOLS AND LOAD OUT
13:45	14:30	21,811.00	21,811.00	21	P	F_PRO	PULL WEAR BUSHING W/ CACTUS WELLHEAD EMPLOYEE NOTE: VERIFIED BY COMPANY MAN
14:30	16:00	21,811.00	21,811.00	14	P	F_PRO	PULL MOUSE HOLE REMOVE DRILLING CHOKE HARD LINE AND INSTALL BOP WINCHS N/D BOPE NOTE: RIG RELEASED RIG RELEASED F/ UL MCNASSER 0201-17-3H @ 16:00 HRS 010/08/2020 TO THE UL MCNASSER 0201-17-2H

H&P 314
UL McNASSER 0201-17 3H
AFE: 200856
GEO TARGET: WOLFCAMP A LOWER
DFS: 21.35
DOL: 40.0

DRILLS/ HSE:
NO ACCIDENT, INCIDENT OR SPILLS TO REPORT IN LAST 24 HRS

SIMOPS:

REGULATORY NOTIFICATIONS:

SAFETY TOPIC:
P/U LINER HANGER ASSY, CEMENTING CASING, DISPLACING WELL, FLUID TRANSFERS

OBSERVATIONS: N/A

NPT DAILY: 0.0
NPT TOTAL: 1.5 HRS

CURRENT OPS:
RIG RELEASED F/ UL McNASSER 0201-17-3H @ 16:00 HRS 010/08/2020, SUSPEND WELL AND SKID RIG TO UL McNASSER 0201-17-2H

24 HR SUMMARY:
TIH WITH 5.5 LINER ON 4.5" DRILL PIPE F / 20,500' - 21,811'(TAGGED BOTTOM @ 21,811 GOOD), CIRCULATE BOTTOMS UP, DROP 1.25" BALL M/U CEMENT HEAD, SET HANGER / RELEASEAND PREP TO CEMENT, CEMENT AS PER PROG, SET PACKER, CIRCULATE EXCESS CEMENT OFF OF LINER TOP(79 BBLS OF CEMENT TO SURFACE), POSITIVE TEST TOP OF PACKER TO 2,500 PSI, GOOD TEST, DISPLACE WELL W/ TREATED BRINE FLUID, PERFORM NEGATIVE WHILE L/D CEMENT HEAD, FILL TRIP TANKS AND TOO H TO L/D LINER HANGER TOOL F/ 11,418' - 0.0', PJSM W/ CACTUS AND PULL WEAR BUSHING, N/D BOPS AND PREP TO WALK RIG, LIFT STACK, REMOVE TA CAP FROM NEXT WELL, RIG RELEASED F/ UL McNASSER 0201-17-3H @ 16:00 HRS 010/08/2020, SUSPEND WELL AND SKID RIG TO UL McNASSER 0201-17-2H

24 HOUR FORECAST:
RIG RELEASED F/ UL McNASSER 0201-17-3H @ 16:00 HRS 010/08/2020, SUSPEND WELL AND SKID RIG TO UL McNASSER 0201-17-2H

TOTAL FOOTAGE 24 HR: 000'
ROP: 000' FPH
ROTATE: 000' @ 000 %
SLIDE: 000' @ 000 %

LAST SURVEY:
SD: 21,751'
INC: 90.70°
AZM: 163.73°
TVD: 11,330.51'
N/S -10,237.33'
E/W 3,373.73'
VS: 10,772.73'
DLS: 1.5°

BIT PROJECTION:
BD: 21,811'
INC: 90.70°
AZM: 163.73°
TVD 11,329.78'
N/S -10,294.92'
E/W 3,390.54'
VS 10,832.73'
Above/Below: 1.0' ABOVE
Left/Right: 19.0' RIGHT

AGITATOR PLATE SIZE: N/A

LAST MUD CHECK: 10/08/20 18:00
MUD WT= 12.5
VIS= 58
6 RPM=9
3 RPM=8
PV= 23
YP= 10
HTHP= 10.5
OWR= 78/22
EX LIME= 3.37
CHL= 36,500
WPS= 251,505
ES= 430
LGS= 6.42
MUD LOSS FOR THE DAY: 0 BBLS
TOTAL FOR THE WELL: 0 BBLS
LAST LITHOLOGY: @ 21,811' 100% SH, TRACE LS

WATER RECEIVED LAST 24 HRS:
CITY FRES25ATER: DAILY - 0.0 BBLS / TOTAL - 760 BBLS
FRESHWATER: DAILY - 0 BBLS / TOTAL - 3915 BBLS
BRINE: DAILY - 0.0 BBLS / TOTAL - 720 BBLS

DISPOSAL:
DAILY DISPOSAL: 0.0 BBLS
TOTAL FLUID SENT TO DISPOSAL: 0.0 BBLS
CUTTING SOLIDS DISPOSAL: 0.0 LOADS
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 13.0 LOADS

FULL BOP TEST ON: 9/25/2020
OFFLINE STUMP TEST: N/A
BREAK TEST BOP ON N/A
NEXT BOP TEST ON: 10/16/2020

RIG KB: 25.5'
20" CONDUCTOR SET @ 135.0'
SPUD WELL @ 09/01/2020 @ 05:30 HRS
13 3/8' SET @ 1,384'

RELEASE F/ SURFACE SECTION @ 23:59 HRS ON 09/01/2020
RESUME WELL @ 12:00 HRS ON 09/18/2020
10 3/4" SET @ 5,070'
7 5/8" SET @ 10,633' ON 9/25/2020
RELEASE F/ 2ND INT SECTION @ N/A
RESUME WELL @ 9/18/2020
KICK-OFF POINT @ 10,767'
LAND CURVE @ 11,736'
TD LATERAL @ 20:30 HRS 10/05/2020 21,811'
5.5" LINER SET @ 21,811'
RIG RELEASED ON

COMPANY MEN: BRYON ENCE DAYS // BILLY LALONDE NIGHTS
STELLAR MUD ENGINEER: JEREMY WERLAND
MS DIRECTIONAL DRILLER: JAIME ELLINGTON DAYS // MIKE MILLER NIGHTS
SCIENTIFIC MWD: ANDRE HOUZE DAYS // JAMES WALLACE NIGHTS REMOTE
FIELD GEO MUD LOGGERS: BEN FULTON DAYS // MILES WENTLAND NIGHTS

TEAM
H&P 314
Office# (432)848-5217

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8820	CASING (INT2)	B & L Pipeco Services	0.00	7 5/8" 29.7# HCL-80 BTC CASING \$20.75/FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	10 3/4" 45.5# J-55 CASING \$26.09/FT
	0650	8734	CASING CREWS & TOOLS	4 Star USA	10,650.00	RUN 5.5 PRODUCTION LINER
	0650	8734	CASING CREWS & TOOLS	Polaris Precision Tubular Services	3,650.00	TORQUE TURN PACKAGE
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	166,702.80	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8401	CEMENT (PROD) - MATERIALS	Halliburton Energy Services Inc	13,641.60	CEMENT LINER
	0650	8857	CEMENT (PROD) - SERVICES	Halliburton Energy Services Inc	17,353.26	CEMENT LINER
	0650	8790	CONTINGENCY	WPX Energy	396,427.31	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5300)
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	3,000.00	MP-MWD Operation Cost Daily \$3,000 W/ GAMMA \$2,800 W/O GAMMA
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	3,875.02	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.59	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	825.00	Daily Rental 825 per bin swap
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	14,025.00	ROLL OFF BINS DISPOSAL
	0652	8855	LINER HANGER & TOE SLEEVE	Baker Hughes Oilfield Operations I	64,482.60	LINER HANGER
	0652	8855	LINER HANGER & TOE SLEEVE	Baker Hughes Oilfield Operations I	6,750.00	TOE SLEEVE
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	550.00	Civeo Camps 6 camps plus 1 transformer
	0650	8823	LIVING FACILITIES & SANITATION	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,620.00	Mud Loggers (\$1620 daily)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	*New Vendor	9,000.00	DELTA 425 RENTAL DP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank (JST)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	820.00	Diesel Pressure Washer-\$35, Obm Containment-\$115, Obm Frac \$35 X 6, 6X8 Pump \$110 X 3, Mud Vac \$110, Manifolds \$20 X 1,
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	755.00	23 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25) (RELEASED 2 OBM DISP TANKS)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	150.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants (BLAXTONE)\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	750.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	435.00	Daily rental for 2 chokes, Flare Stack, And Flare Line. \$365/day each + \$60 For Remote Panel, 2 DRIVE OVERS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,700.00	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	989.58	Rig Mobilization Rate
	0650	8880	SAFETY - SERVICES	Cannon Safety	150.00	Daily cost on H2S Monitoring System (\$150/day) (Safety)
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,417.00	Solids Control Equipment and onsite Techs. (\$3,417.0 WBM) (OBM 3,596.66) (\$3150.0 RIG UP) (STAND BY \$1,867)
	0650	8718	TUBULAR INSPECTION	HADCO	14,025.00	HWDP AND DC REPAIR
	0650	8743	WELLHEAD - SERVICES	Cactus Wellhead LLC	786.00	REDRES EQUIP
	0650	8743	WELLHEAD - SERVICES	Cactus Wellhead LLC	3,603.00	RUN PRODUCTION CSG PULL WEAR BUSHING, N/D, NU TUBING HEAD
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Paul Sternadel
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	WPX Energy	1,005.00	Shared superintendant/Foreman day rate for Keith, Ian, Brady, Mark, Mike,Lance \$1,005 per day
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	1,400.00	Supervision Days Bryon Ence
			Daily Total	777,045.41	Daily Mud Cost	4,744.61
			Cumulative Total	3,439,601.50	Cumulative Mud Cost	174,473.81