

WPX Energy																									
Daily Drilling Report																									
WELL NAME:	UL MCNASSER 0201-17 2H			AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	5,042(usft'		REPORT#:	10	DATE:	10/8/2020									
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	59,375		LATERAL SEC:			DFS:	8.33											
EVENT:	DRILLING			LOCATION:			CUM COST \$:	1,573,538		TD (MD):	10,565.0		LITHOLOGY:												
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		10,462.9		FORMATION:		3RD BONE SPRING LIM										
ENGINEER:	Luke McDougal			ROT HRS:	0.00				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		0 / 0										
TODAY'S DEPTH:		10,565 (usft )		CUM ROT:	97.00		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		0 / 15,791								
														NAT GAS (DGE):		0.00 / 0.00									
PREV. DEPTH:		10,565 (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:		TIH W/ 6 ¾ CURVE /LATERAL BHA @ 6,000'																							
OPERATION FORECAST:		FINISH TESTING BOPE,INSATLL W/B, P/U CURVE/LATERAL BHA,TIH, DRILL OUT, DRILL & LAND CURVE SECTION , DRILL AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																							
CSG / WELL CONTROL			DRLG DATA					DOWNTIME:				BIT RECORD													
LAST CASING:		10.750(in)		ST WT UP				PRESS				LOSS TIME (hrs):		17.25		BIT #									
DEPTH:		5,042(usft)		ST WT DN				RATE				LOSS TIME INC:		4.00		SIZE									
LAST BOP:		10/9/2020		ST WT ROT				DP AV				NEAR MISSES:		0.00		TYPE									
LOT EMW:				TQ ON BTM				DC AV				24 HR RIG DOWN:		0.00		JETS									
WEIGHT LB/FT:		45.50(ppf)		TQ OFF BTM								CUM RIG DOWN		2.25		DEPTH IN									
CONN:		BTC														DEPTH OUT									
PUMP DATA														DULL CONDITION											
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM														
1		GARDENER-DENVER			5.000		11				0.0														
2		GARDENER-DENVER			5.000		11				0.0														
3		GARDENER-DENVER			5.000		11				0.0														
SURVEY DATA																									
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS											
10,499.00		2.57		75.57		10,396.93		232.06		1,073.88		232.06		2.09											
10,499.00		2.57		75.57		10,396.93		232.06		1,073.88		232.06		2.09											
10,405.00		2.49		121.25		10,303.02		232.59		1,070.09		232.59		0.53											
10,405.00		2.49		121.25		10,303.02		232.59		1,070.09		232.59		0.53											
10,310.00		2.99		119.46		10,208.13		234.88		1,066.17		234.88		0.48											
MUD DATA																									
Date: 10/8/2020 6:00:00PM				MUD TYPE INVERT			CHECK DEPTH 10,564			FL TEMP 0.00			WATER 17.00 (%)		OIL 61.00 (%)		SAND 0.00 (%)								
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 11.00		Pm 2.00		Pf 2.00		Mf 3.60		Cl- 139,000		Total Hard 8800								
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 0 (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				PREP TO SIKD, SKID RIG T/ UL MCNASSER 0201-17 2H( OFFLINE TEST 7 5/8 CSG TO 2500 PSI FOR 30 MIN (GOOD TEST), TEST FLOOR VALVES, CHOKE MANIFOLD 250 LOW 8500 HIGH ( GOOD TEST)), REMOVE NIGHT CAP, LOWER & INSTALL BOP'S, N/U BOPE, N/U CHOKE LINE, FILL UP LINE, FLOWLINE, SET CATWALK & MOUSEHOLE, & TORQUE FLANGE WITH CACTUS REP. RIG ACCEPTED ON 10/08/2020 @ 17:00 HRS., R/D ROT AND DRILL CHOKE AND CHANGE OUT ANNULAR ELEMENT AND R/U SAME, TEST BOPE 250 LOW 8500 HIGH, ANNULAR 250 LOW 3500 HIGH.																					
FROM		TO		MD from		MD to		CODE		CLASS		PHASE		OPERATIONS											
16:00		16:30		10,565.00		10,565.00		01		P		F_INT2		SKID RIG FROM THE UL MCNASSER 3H WELL TO THE UL MCNASSER 2H WELL NOTE: OFFLINE TEST CSG AND BOPE TEST CSG T/ 2,500' FOR 30 MIN ( GOOD TEST ) TEST FLOOR VALVES, CHOKE MANIFOLD 250 LOW 8500 HIGH ( GOOD TEST)											
16:30		17:00		10,565.00		10,565.00		14		P		F_INT2		REMOVE NIGHT CAP, LOWER & INSTALL BOP'S, N/U BOPE, N/U CHOKE LINE, FILL UP LINE, FLOWLINE, SET CATWALK & MOUSEHOLE, & TORQUE FLANGE WITH CACTUS REP. NOTE: RIG ACCEPTED ON 10/08/2020 @ 17:00 HRS.											
17:00		20:00		10,565.00		10,565.00		21		NP		F_INT2		R/D ROT HEAD AND DRILL CHOKE AND CHANGE OUT ANNULAR ELEMENT AND R/U SAME											
20:00		00:00		10,565.00		10,565.00		15		P		F_INT2		TEST BOPE AS FOLLOWS: PJSMTG ON R/U AND TESTING BOPE, W/ WALKER TESTING CREW,H&P, AND COMPANY MAN TEST ANNULAR T/ 250 LOW FOR 5 MIN, 3500 HIGH FOR 10 MIN, GOOD TEST TEST RAMS, CHOKE MANIFOLD, CHOKES,HCR, KILL LINES, T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN. GOOD TEST TEST KELLY HOSE,BK TO THE PUMPS T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN. GOOD TEST. TEST MANULE IBOP T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN. GOOD TEST TEST IBOP T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN, GOOD TEST TEST ORBIT VALVE & ROT HEAD T/ 250 LOW FOR 5 MIN, 1500 HIGH FOR 10 MIN, GOOD TEST TEST VERIFIED BY COMPANY MAN R/D TESTERS											



H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 8.33  
DOL: 40.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
TEAM WORK, CEMENTING, SKIDDING THE RIG. TESTING BOPE, P/U BHA

OBSERVATIONS:  
N/A

NPT DAILY: 3.0 HRS  
NPT TOTAL: 14.0 HRS

24 HR SUMMARY:  
PREP TO SKID, SKID RIG T/ UL McNASSER 0201-17 2H( OFFLINE TEST 7 5/8 CSG TO 2500 PSI FOR 30 MIN (GOOD TEST), TEST FLOOR VALVES, CHOKE MANIFOLD 250 LOW 8500 HIGH ( GOOD TEST)), REMOVE NIGHT CAP, LOWER & INSTALL BOP'S, N/U BOPE, N/U CHOKE LINE, FILL UP LINE, FLOWLINE, SET CATWALK & MOUSEHOLE, & TORQUE FLANGE WITH CACTUS REP. RIG ACCEPTED ON 10/08/2020 @ 17:00 HRS., R/D ROT AND DRILL CHOKE AND CHANGE OUT ANNULAR ELEMENT AND R/U SAME, TEST BOPE 250 LOW 8500 HIGH, ANNULAR 250 LOW 3500 HIGH.

POST MIDNIGHT:  
TEST BOPE ORBIT 250 LOW 1500 HIGH. 5 MIN LOW 10 MIN HIGH, PREFORM ACCUMULATOR DRAW DOWN TEST(GOOD TEST ),R/D TESTERS, INSTALL WEAR BUSHING(W/ CACTUS WELLHEAD EMPLOYEE VERIFIED BY COMPANY MAN, P/U CURVE/LATERAL BHAF/0 T/ 114'(5" MPACT, 6/7 LOBE, 8.0 STG, 2.0°FBH, SLICK SLEEVE, .78 RPG, MUD MOTOR, SN# 56D1024DLE, BIT- BAKER DD3O6TWX, 3X11s 3X10sTFA= .49 SN 5311884), SHALLOW HOLE TEST MWD AND MOTOR( 153 LB PLUSSES, FLOW RANGE ON MOTOR AND MWD 150-350 GPM, RPG .79, BIT T/ SURVEY = 58', BIT T/ GAMMA 50.0, MAX DIFF ON MOTOR = 1880 PSI, MWD CROSS OVER F/ MAGNETIC TO GRAVITY SET AT 3°), TIH W/ 6 ¾ CURVE /LATERAL BHA F/ 114' T/ 6,000'

CURRENT OPS:  
TIH W/ 6 ¾ CURVE /LATERAL BHA @ 6,000'

24 HOUR FORECAST:  
TIH, DRILL OUT FLOAT EQUIPMENT, DRILL & LAND CURVE SECTION , DRILL AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 0.0'  
ROP: 0.0' FPH

ROTATE: 0.0' @ 0.0 %  
SLIDE: 0.0' @ 0.0 %

LAST SURVEY:  
SD: 10499  
INC: 2.57  
AZM: 75.57  
TVD: 10396.93  
N/S 232.04  
E/W 1073.93  
VS: 78.70  
DLS: 2.09

BIT PROJECTION:  
BD: 10564  
INC: 2.57  
AZM: 75.57  
TVD 10461.86  
N/S 232.77  
E/W -1076.75  
VS 78.80  
Above/Below: 6.0' BELOW  
Left/Right: 98.0' RIGHT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 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: @ 10,563' 50% SH, 50% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 00 BBLS / TOTAL - 1187 BBLS

BRINE: DAILY – 0.0 BBLS / TOTAL – 0.0 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 0.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT  
LAND CURVE @  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: BRYON ENCE DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	4,398.17	8% overage
	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	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	5,557.94	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	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	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	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	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	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)	Totco	444.00	EDR TOTCO
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Days Jaime Castillo
	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	59,375.33	Daily Mud Cost	6,427.52
			Cumulative Total	1,573,537.67	Cumulative Mud Cost	63,055.60
NPT SUMMARY						
Start date/time		End date/time		Title	Description	Duration (hr)
10/8/2020 5:00:00PM		10/8/2020 8:00:00PM		R/D ROT AND DRILL CHOKE AND CHANGE OUT ANNULAR ELEMENT AND R/U SAME	R/D ROT AND DRILL CHOKE AND CHANGE OUT ANNULAR ELEMENT AND R/U SAME	3.00

WPX Energy

Daily Drilling Report

WELL NAME:	UL MCNASSER 0201-17 2H	AFE #:	200855	AFE \$:	3,325,047	LANDING PNT	10,550(usl)	REPORT#:	11	DATE:	10/9/2020						
FIELD:	PHANTOM	SIDETRACK:	00	DAILY COST \$:	75,444	LATERAL SEC:		DFS:	9.33								
EVENT:	DRILLING	LOCATION:		CUM COST \$:	1,648,981	TD (MD):	10,927.0	LITHOLOGY:									
OBJECTIVE:	DEVELOPMENT	CTY,ST:	WARD,TEXAS	APi: 42-475-38146		TD (TVD):	10,810.0	FORMATION:		3RD BONE SPRING LIM							
ENGINEER:	Luke McDougal	ROT HRS:	14.75			SPUD DATE::	9/2/2020	DIESEL (MUD DIESEL):	676	/	676						
TODAY'S DEPTH:	10,927 (usft )	CUM ROT:	111.75	+/- PLAN:		RR DATE :		DIESEL (RIG FUEL):	1,141	/	16,932						
								NAT GAS (DGE):	0.00	/	0.00						
PREV. DEPTH:	10,565 (usft )			RIG::	H&P 314			SUPERVISOR:		Bryon Ence							
PROGRESS:	362 (usft )	WEATHER:	TODAY: CLEAR CURRENTLY ITS 72 THE HIGH WILL BE 99					SUPERVISOR PH. #:	432 848 5217								
PRESENT OPERATION:	DRILLING 6 3/4" CURVE @ 11,300'																
OPERATION FORECAST:	FINISH BUILDING CURVE SECTION , DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD									
LAST CASING:	7.625(in)	ST WT UP	212.0	PRESS	3,000.00	LOSS TIME (hrs):	17.25	BIT #	6	RPM	267						
DEPTH:	10,550(usft)	ST WT DN	178.0	RATE	0.0	LOSS TIME INC:	4.00	SIZE	6-3/4 (")	HHP	72.80						
LAST BOP:	10/9/2020	ST WT ROT	195.0	DP AV		NEAR MISSES:	0.00	TYPE	DD306TWX	P BIT	410.84						
LOT EMW:		TQ ON BTM	8,000.0	DC AV		24 HR RIG DOWN:	0.00	JETS	3-10, 3-11								
WEIGHT LB/FT:	20.00(ppf)	TQ OFF BTM	5,000.0			CUM RIG DOWN	2.25	DEPTH IN	10,565.0								
CONN:	BTC							DEPTH OUT									
PUMP DATA								ROP-last 24 I				24.5					
PUMP #	MANU		LINER	STROKE	PRESSURE	GPM	CUM. FT	362.0									
1	GARDENER-DENVER		5.000	11	3,700.00	151.9	CUM. HRS	14.75									
2	GARDENER-DENVER			11			ROP/Cum-ent	24.5									
3	GARDENER-DENVER		5.000	11	3,700.00	151.9	WOB	15.0-26.0									
SURVEY DATA								DULL CONDITION									
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	I	O	D	L	B	R	G	T		
10,827.00	24.49	167.01	10,718.98	196.52	1,098.65	196.52	14.33								-		
10,733.00	12.32	147.57	10,629.88	224.10	1,088.85	224.10	11.51										
10,639.00	3.20	92.20	10,536.76	232.69	1,080.82	232.69	0.74										
10,499.00	2.57	75.57	10,396.93	232.06	1,073.88	232.06	2.09										
10,499.00	2.57	75.57	10,396.93	232.06	1,073.88	232.06	2.09										
MUD DATA																	
Date: 10/9/2020 12:01:00AM		MUD TYPE INVERT		CHECK DEPTH 10,712		FL TEMP 110.00		WATER 17.00 (%)		OIL 61.00 (%)		SAND (%)					
GELS ( 8.0/14.0		Filter Cak 2.0 (32nd" )		HTHP 10.5		MW 12.50		VISC 52.00		TEMP 150.00		ECD 13.48					
PV/YP 22.0/9.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+					
Lubricant %		ES 480.0		WPS 261,680		CaCl2 26.2		WATER 22.00 (%)		OIL 78.00 (%)		HGS 14.05 (%)					
LGS 6.36 (%)		SOLIDS 22.00 (%)		H2S (ppm )		6/3 6.00 / 5.00											
COMMENTS																	
MUD GAS DATA																	
CONNECTION MAX				441.00		TRIP MAX				0.00		BACKGROUND MAX				118.00	
CURRENT BHA																	
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
		6	13,981.99	362.00		212.00	178.00	195.0	8,000.0								
Heavy Weight Drill Pipe		0	1,396.53	15 stands of 4.5" HWDP							5.500	2.25					
Drill Pipe		1	11,613.00	123 stands of 4.5" DP							5.250	3.00					
Underreamer		2	8.45	DRILL N REAM							5.188	3.00					
Drill Pipe		3	848.64	4.5" RENTAL DRILL PIPE							5.250	3.00					
Cross Over		4	3.58	XT39 X D425 CROSS OVER							5.313	2.25					
Filter		5	3.49	FILTER SUB							5.250	2.50					
Cross Over		6	3.20	4FH X XT39 CROSS OVER							5.250	2.94					
Non-Mag Drill Collar		7	30.11	5" NMDC							5.000	2.69					
Hang-Off Sub		8	5.64	5" PULSER SUB							5.125	2.63					
Non-Mag Drill Collar		9	29.80	5" NMDC							5.000	2.69					
Cross Over		10	4.13	XT39 X 4FH CROSS OVER							5.188	2.25					
Float Sub		11	4.12	DOUBLE FLOAT SUB							5.188	2.25					
Bent Housing		12	30.30	5" MPACT 6/7 8.0 FXD @ 2.0° SLICK							5.000						
Polycrystalline Diamond Bit		13	1.00	BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA							6.750						
BHA HRS		16.42	MTR HRS	16.42													
JAR HRS			MWD Hrs	16.42													
OPERATIONS (00:00)																	
OPERATION COMMENT				TEST BOPE ORBIT 250 LOW 1500 HIGH. 5 MIN LOW 10 MIN HIGH,PREFORM ACCUMULATOR DRAW DOWN TEST(GOOD TEST ),R/D TESTERS, INSTALL WEAR BUSHING(W/ CACTUS WELLHEAD EMPLOYEE VERIFIED BY COMPANY MAN, P/U CURVE/LATERAL BHAF/0 T/ 114'(5" MPACT, 6/7 LOBE, 8.0 STG, 2.0°FBH, SLICK SLEEVE, .78 RPG, MUD MOTOR, SN# 56D1024DLE, BIT- BAKER DD306TWX, 3X11s 3X10sTFA= .49 SN 5311884), SHALLOW HOLE TEST MWD AND MOTOR( 153 LB PLUSES, FLOW RANGE ON MOTOR AND MWD 150-350 GPM, RPG .79, BIT T/ SURVEY = 58', BIT T/ GAMMA 50.0, MAX DIFF ON MOTOR = 1880 PSI, MWD CROSS OVER F/ MAGNETIC TO GRAVITY SET AT 3°), TIH W/ 6 ¼ CURVE /LATERAL BHA F/ 114' T/ 10,487', DRILL OUT SHOE TRACK F/ 10,487 T/ 10,565'( WHILE DISPLACING WITH 420 BBLS OF OBM) AND RAT HOLE (FLOAT COLLAR @ 10,508', SHOE @ 10,550'), ROT. DOWN TO KOP F/ 10,565' T/10,672, BUILDING 6 3/4 CURVE F/ 10,672' T/ 10,927" ( MOTOR YEILDS =14.3, DOG LEG NEEDED TO LAND = 8.5) AT MIDNIGHT													
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS										
00:00	01:45	10,565.00	10,565.00	15	P	F_INT2	TEST BOPE AS FOLLOWS: PJSMTG ON R/U AND TESTING BOPE, W/ WALKER TESTING CREW,H&P, AND COMPANY MAN TEST ANNULAR T/ 250 LOW FOR 5 MIN, 3500 HIGH FOR 10 MIN, GOOD TEST TEST RAMS, CHOKE MANIFOLD, CHOKES,HCR, KILL LINES, T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN. GOOD TEST TEST KELLY HOSE,BK TO THE PUMPS T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN. GOOD TEST. TEST MANULE IBOP T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN. GOOD TEST TEST IBOP T/ 250 LOW FOR 5 MIN, 8500 HIGH FOR 10 MIN, GOOD TEST TEST ORBIT VALVE & ROT HEAD T/ 250 LOW FOR 5 MIN, 1500 HIGH FOR 10 MIN, GOOD TEST PREFORM ACCUMULATOR DRAW DOWN TEST GOOD TEST TEST VERIFIED BY COMPANY MAN R/D TESTERS										
01:45	02:00	10,565.00	10,565.00	21	P	F_INT2	INSTALL WEAR BUSHING W/ CACTUS WELLHEAD EMPLOYEE NOTE: VERIFIED BY COMPANY MAN										

Printed: 10/10/2020 5:31:53AM

OPERATIONS (00:00)							
OPERATION COMMENT		TEST BOPE ORBIT 250 LOW 1500 HIGH. 5 MIN LOW 10 MIN HIGH,PREFORM ACCUMULATOR DRAW DOWN TEST(GOOD TEST ),R/D TESTERS, INSTALL WEAR BUSHING(W/ CACTUS WELLHEAD EMPLOYEE VERIFIED BY COMPANY MAN, P/U CURVE/LATERAL BHAF/0 T/ 114'(5" MPACT, 6/7 LOBE, 8.0 STG, 2.0°FBH, SLICK SLEEVE, .78 RPG, MUD MOTOR, SN# 56D1024DLE, BIT- BAKER DD3O6TWX, 3X11s 3X10sTFA= .49 SN 5311884), SHALLOW HOLE TEST MWD AND MOTOR( 153 LB PLUSES, FLOW RANGE ON MOTOR AND MWD 150-350 GPM, RPG .79, BIT T/ SURVEY = 58", BIT T/ GAMMA 50.0, MAX DIFF ON MOTOR = 1880 PSI, MWD CROSS OVER F/ MAGNETIC TO GRAVITY SET AT 3°), TIH W/ 6 ¾ CURVE /LATERAL BHA F/ 114' T/ 10,487', DRILL OUT SHOE TRACK F/ 10,487 T/ 10,565'( WHILE DISPLACING WITH 420 BBLs OF OBM) AND RAT HOLE (FLOAT COLLAR @ 10,508', SHOE @ 10,550'), ROT. DOWN TO KOP F/ 10,565' T/10,672, BUILDING 6 3/4 CURVE F/ 10,672' T/ 10,927" ( MOTOR YEILDS =14.3, DOG LEG NEEDED TO LAND = 8.5) AT MIDNIGHT					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
02:00	03:15	10,565.00	10,565.00	06	P	F_INT2	HPJSMTG P/U 6 3/4 CURVE / LATERAL DIRECTIONAL ASSEMBLY AS FOLLOWS: F/ RKB T/ 114' 1- 5.25" DRILL-N-REAM ( 6-13/16') 27- 4.5" DP 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X D425 BOX 1- 5.25" FILTER SUB 1- 5.8125" BOTTLE NECK X-OVER 4FH PIN X XT39 BOX 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" MWD / PULSER SUB 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X 4FH BOX 1- 5.0" DOUBLE FLOAT SUB 1- 5" MPACT, 6/7 LOBE, 8.0 STG, 2.0°FBH, SLICK SLEEVE, .78 RPG, MUD MOTOR, SN# 56D1024DLE BIT- BAKER DD3O6TWX, 3X11s 3X10sTFA= .48 SN 5311884
03:15	03:30	10,565.00	10,565.00	21	P	F_INT2	SHALLOW HOLE TEST MWD AND MOTOR 56 SPM = 157 GPM = 615 PSI MWD HAD 153 LB.PULSES GOOD TEST FLOW RANGE ON MOTOR AND MWD 150-350 GPM BIT T/ SURVEY = 58' BIT T/ GAMMA 50.0 MAX DIFF ON MOTOR = 1,880 PSI MWD CROSS OVER F/ MAGNETIC TO GRAVITY SET AT 3°
03:30	07:30	10,565.00	10,565.00	06	P	F_INT2	TRIP IN HOLE WITH 6 3/4 CURVE / LATERAL ASSEMBLY F/ 114 BHA T/ 10,413' NOTE: MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 2,574' FPH NO ISSUES
07:30	07:45	10,565.00	10,565.00	21	P	F_INT2	PULL TRIP NIPPLE AND INSTALL ROT HEAD
07:45	08:00	10,565.00	10,565.00	06	P	F_INT2	TRIP IN HOLE WITH 6 3/4 CURVE / LATERAL ASSEMBLY F/ 10,413' BHA T/ 10,487' NOTE: TAG CEMENT @ 10,487' MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 296' FPH NO ISSUES
08:00	09:15	10,565.00	10,565.00	03	P	F_INT2	DRILLED 7 5/8 SHOE TRACK WHILE DISPLACING WITH 12.5PPG OBM F/ 10,487' T/ 10,565' W/ 300 GPM, 20 RPM, 10K WOB, 6K TORQ. PUMP PSI 3,300' NOTE: TAGED @ 10,487' (CEMENT) PLUG, FLOAT COLLAR ( FLOAT COLLAR @ 10,503' ) CLEAN OUT SHOE TRACK T/ 10,548' DRILL SHOE ( SHOE @ 10,550' ) CLEAN OUT 15' OF RAT HOLE T/ 10,565'
09:15	16:00	10,565.00	10,585.00	02	P	DRLCUR	ROT. DOWN TO KOP W/ 6 3/4" CURVE/ LATERAL ASSEMBLY F/ 10,565' T/ 10,682' FOOTAGE: 117' ft, AVG ROP: 17.0 FPH SLIDE- 23'= 19.66% 300 GPM, 200 DIFF, WOB 25K 3,300 PSI ON BTM, 3,100 PSI OFF, TOTAL BIT RPM 267, RPM 30, TQ 6-7K ON BTM, 4-5K OFF BTM, PU WT- 210K, SO WT- 180K, ROT WT- 192K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 51  NOTE: NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
16:00	00:00	10,585.00	10,927.00	02	P	DRLCUR	BUILD 6 3/4" CURVE F/ 10,585' T/ 10,927 FOOTAGE: 342' ft, AVG ROP: 68.13 FPH SLIDE- 233'= 64.93% 300 GPM, 400 DIFF, WOB 15K 3,300 PSI ON BTM, 3,100 PSI OFF, TOTAL BIT RPM 267, RPM 30, TQ 8K ON BTM, 5K OFF BTM, PU WT- 210K, SO WT- 180K, ROT WT- 192K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 51  LAST SURVEY: (PTB) MD: 10,885', INC: 32.65, AZM: 170.00°, TVD: 10,769.88' VS: 147.36', MY= 14.3 DLN= 8. PLAN: 20.0' ABOVE AND OLT LEFT/RIGHT, DLS 10.77  TARGET CHANGE: NO TARGET CHANGE  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP





H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 9.33  
DOL: 41.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
TRIPPING OPS, MANLIFT OPS, ST-80 OPS

OBSERVATIONS:  
RTM OBSERVED 3RD PARTY USING A PIN AS A HAMMER  
RTM STOPPED TM AND EXPLAINED THAT A PIN WAS NOT THE PROPER TOOL FOR THE JOB AND WENT AND GOT A HAMMER AND ASSESTED HIM ON MAKING UP THE HAMMER UNION

NPT DAILY: 0.0 HRS  
NPT TOTAL: 14.25 HRS

24 HR SUMMARY:  
TEST BOPE ORBIT 250 LOW 1500 HIGH. 5 MIN LOW 10 MIN HIGH,PREFORM ACCUMULATOR DRAW DOWN TEST(GOOD TEST ),R/D TESTERS, INSTALL WEAR BUSHING(W/ CACTUS WELLHEAD EMPLOYEE VERIFIED BY COMPANY MAN, P/U CURVE/LATERAL BHAF/0 T/ 114'(5" MPACT, 6/7 LOBE, 8.0 STG, 2.0°FBH, SLICK SLEEVE, .78 RPG, MUD MOTOR, SN# 56D1024DLE, BIT- BAKER DD3O6TWX, 3X11s 3X10sTFA= .49 SN 5311884), SHALLOW HOLE TEST MWD AND MOTOR( 153 LB PLUSES, FLOW RANGE ON MOTOR AND MWD 150-350 GPM, RPG .79, BIT T/ SURVEY = 58', BIT T/ GAMMA 50.0, MAX DIFF ON MOTOR = 1880 PSI, MWD CROSS OVER F/ MAGNETIC TO GRAVITY SET AT 3°), TIH W/ 6 ¾ CURVE /LATERAL BHA F/ 114' T/ 10,487', DRILL OUT SHOE TRACK F/ 10,487 T/ 10,565'( WHILE DISPLACING WITH 420 BBLS OF OBM) AND RAT HOLE (FLOAT COLLAR @ 10,508', SHOE @ 10,550'), ROT. DOWN TO KOP F/ 10,565' T/10,672, BUILDING 6 3/4 CURVE F/ 10,672' T/ 10,927' ( MOTOR YEILDS =14.3, DOG LEG NEEDED TO LAND = 8.5) AT MIDNIGHT

POST MIDNIGHT:  
BUILDING 6 3/4 CURVE F/ 10,927' T/ 11,300' ( MOTOR YEILDS =15.0, DOG LEG NEEDED TO LAND = 7.3)

CURRENT OPS:  
DRILLING 6 3/4" CURVE @ 11,300'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 362'  
ROP: 24.5' FPH

ROTATE: 129' @ 35.64 %  
SLIDE: 233' @ 64.36 %

LAST SURVEY:  
SD: 10827  
INC: 24.49  
AZM: 167.01  
TVD: 10718.98  
N/S 196.51  
E/W 1098.69  
VS: 119.76  
DLS: 10.77

BIT PROJECTION:  
BD: 10885  
INC: 32.65  
AZM: 170.00  
TVD: 10769.88  
N/S: 169.34  
E/W: 1104.12  
VS: 147.36  
Above/Below: 20.0' ABOVE  
Left/Right: OLT LEFT/RIGHT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/09/20 18:00  
MUD WT= 12.5  
VIS= 52  
6 RPM=6  
3 RPM=5  
PV= 22  
YP= 9  
HTHP= 10.5  
OWR= 78/22  
EX LIME= 3.89  
CHL= 38,500  
WPS= 261,680  
ES= 480  
LGS= 6.36  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 10,920' 95% SH, 5% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 300 BBLS / TOTAL - 1487 BBLS  
BRINE: DAILY – 110 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLs  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLs  
CUTTING SOLIDS DISPOSAL: 0.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT  
LAND CURVE @  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: BRYON ENCE DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUBE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	5,588.41	8% overage
	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	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	8,250.00	Directional Daily Cost - (standby rate \$5500)
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	6,701.85	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	0650	8774	GENERAL LABOR	Walker Inspection LLC	5,121.00	TEST BOPE & CSG
	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	8298	MISCELLANEOUS - MATERIALS	East Texas Oilfield Supply Compar	460.00	MISC. SUPPLYS
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,620.00	Mud Loggers (\$1620 daily)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	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)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	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	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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)
	0652	8918	WELLHEAD - MATERIALS	Cactus Wellhead LLC	2,982.07	DBR WEAR BUSHING
	0650	8743	WELLHEAD - SERVICES	Cactus Wellhead LLC	2,421.00	N/D N/U INSTALL W/B
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	1,400.00	Supervision Days Bryon Ence
	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
			Daily Total	75,443.55	Daily Mud Cost	7,571.43
			Cumulative Total	1,648,981.22	Cumulative Mud Cost	70,627.03

WPX Energy																		
Daily Drilling Report																		
WELL NAME:	UL MCNASSER 0201-17 2H		AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	12	DATE:	10/10/2020			
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	64,008		LATERAL SEC:			DFS:	10.33					
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,712,989		TD (MD):	12,348.0		LITHOLOGY:						
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		11,109.7		FORMATION:		WOLFCAMP				
ENGINEER:	Luke McDougal		ROT HRS:	23.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		1,532 / 2,208				
TODAY'S DEPTH:		12,348 (usft )	CUM ROT:	135.25		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,697 / 18,629		
													NAT GAS (DGE):		0.00 / 0.00			
PREV. DEPTH:		10,927 (usft )				RIG::		H&P 314				SUPERVISOR:		Bryon Ence				
PROGRESS:		1,421 (usft )	WEATHER: TODAY: CLEAR CURRENTLY ITS 66 THE HIGH WILL BE 99										SUPERVISOR PH. #:		432 848 5217			
PRESENT OPERATION:		DRILLING 6 3/4" LATERAL @ 12,675'																
OPERATION FORECAST:		DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD							
LAST CASING:		7.625(in)	ST WT UP	240.0	PRESS	3,000.00	LOSS TIME (hrs):		17.25		BIT #	6	RPM	297				
DEPTH:		10,550(usft)	ST WT DN	183.0	RATE	300.0	LOSS TIME INC:		4.00		SIZE	6-3/4 (")		HHP	72.80			
LAST BOP:		10/9/2020	ST WT ROT	205.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	410.84			
LOT EMW:			TQ ON BTM	10,000.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-10, 3-11						
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	5,000.0			CUM RIG DOWN		2.25		DEPTH IN	10,565.0						
CONN:		BTC									DEPTH OUT							
PUMP DATA													DULL CONDITION					
PUMP #	MANU			LINER	STROKE	PRESSURE		GPM										
1	GARDENER-DENVER			5.000	11	3,700.00		151.9										
2	GARDENER-DENVER				11													
3	GARDENER-DENVER			5.000	11	3,700.00		151.9										
SURVEY DATA																		
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS											
12,235.00	87.95	165.54	11,105.71	-1,042.40	1,381.03	-1,042.40	0.64											
12,141.00	87.35	165.62	11,101.85	-951.44	1,357.64	-951.44	0.53											
12,048.00	87.31	166.11	11,097.52	-861.35	1,334.96	-861.35	0.72											
11,955.00	87.75	166.61	11,093.51	-771.06	1,313.05	-771.06	0.25											
11,863.00	87.61	166.79	11,089.79	-681.60	1,291.90	-681.60	1.08											
MUD DATA																		
Date: 10/10/2020 6:00:00PM			MUD TYPE INVERT		CHECK DEPTH	12,013	FL TEMP 115.00		WATER	16.00 (%)		OIL	61.50 (%)		SAND	(% )		
GELS ( 8.0/13.0			Filter Cak 2.0 (32nd" )		HTHP 10.5		MW 12.50		VISC	52.00		TEMP	150.00		ECD 13.64			
PV/YP 22.0/9.0			MBT		pH	Pm	Pf	Mf	Cl-			Total Hard	K+					
Lubricant %			ES	507.0	WPS	265,735	CaCl2	26.6	WATER	21.00 (%)		OIL	79.00 (%)		HGS 14.02 (%)			
LGS 6.94 (%)			SOLIDS	22.50 (%)	H2S	(ppm )	6/3	6.00 / 5.00										
COMMENTS																		
MUD GAS DATA																		
CONNECTION MAX				1,425.00		TRIP MAX		0.00				BACKGROUND MAX					321.00	
CURRENT BHA																		
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE						
		6	13,981.99	1,421.00		240.00	183.00	205.0	10,000.0									
Heavy Weight Drill Pipe		0	1,396.53	15 stands of 4.5" HWDP							5.500	2.25						
Drill Pipe		1	11,613.00	123 stands of 4.5" DP							5.250	3.00						
Underreamer		2	8.45	DRILL N REAM							5.188	3.00						
Drill Pipe		3	848.64	4.5" RENTAL DRILL PIPE							5.250	3.00						
Cross Over		4	3.58	XT39 X D425 CROSS OVER							5.313	2.25						
Filter		5	3.49	FILTER SUB							5.250	2.50						
Cross Over		6	3.20	4FH X XT39 CROSS OVER							5.250	2.94						
Non-Mag Drill Collar		7	30.11	5" NMDC							5.000	2.69						
Hang-Off Sub		8	5.64	5" PULSER SUB							5.125	2.63						
Non-Mag Drill Collar		9	29.80	5" NMDC							5.000	2.69						
Cross Over		10	4.13	XT39 X 4FH CROSS OVER							5.188	2.25						
Float Sub		11	4.12	DOUBLE FLOAT SUB							5.188	2.25						
Bent Housing		12	30.30	5" MPACT 6/7 8.0 FXD @ 2.0° SLICK							5.000							
Polycrystalline Diamond Bit		13	1.00	BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA							6.750							
BHA HRS		40.17	MTR HRS	40.17														
JAR HRS			MWD Hrs	40.17														
OPERATIONS (00:00)																		
OPERATION COMMENT				BUILDING 6 3/4 CURVE F/ 10,927' T/ 11,546' ( CURVE LANDED @ 11,546' MD, TVD= 11,084, INC= 90.88), DRLG AHEAD IN 6 3/4" LATERAL F/ 11,546' T/ 12,013", PERFORMED RIG SERVICE, DRLG AHEAD T/ 12,348' AT MIDNIGHT														
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS											
00:00	10:30	10,927.00	11,541.00	02	P	DRLCUR	BUILD 6 3/4" CURVE F/ 10,927' T/ 11,541 FOOTAGE: 614' ft, AVG ROP: 58.48 FPH SLIDE-269 '= 43.81% 300 GPM, 700-900 DIFF, WOB 26K 3,700 PSI ON BTM, 3,000 PSI OFF, TOTAL BIT RPM 267, RPM 30, TQ 8K ON BTM, 5K OFF BTM, PU WT- 220K, SO WT- 182K, ROT WT- 200K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 11,546', INC: 90.88, AZM: 166.68°, TVD: 11,081.13' VS: 700.55', (LANDED) PLAN: 1.6' BELOW AND 12 LEFT, DLS 10.77  TARGET CHANGE: NO TARGET CHANGE  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP											

OPERATIONS (00:00)							
OPERATION COMMENT				BUILDING 6 3/4 CURVE F/ 10,927' T/ 11,546' ( CURVE LANDED @ 11,546' MD, TVD= 11,084, INC= 90.88), DRLG AHEAD IN 6 3/4" LATERAL F/ 11,546' T/ 12,013", PERFORMED RIG SERVICE, DRLG AHEAD T/ 12,348' AT MIDNIGHT			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
10:30	17:30	11,541.00	12,013.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 11,541' T/ 12,013' FOOTAGE: 472' ft, AVG ROP: 67.43 FPH SLIDE- 19'= 4.02% 300 GPM, 700-900 DIFF, WOB 26K 3,700 PSI ON BTM , 3,000 PSI OFF RPM 60, TOTAL BIT RPM 297 TQ 8K ON BTM, 5K OFF BTM, PU WT- 230K, SO WT- 178K, ROT WT- 205K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 12,013', INC: 87.75, AZM: 166.61°, TVD: 11,095.80' VS: 1,166.51, PLAN: 4.0' ABOVE AND 1.0 RIGHT, DLS 0.24  UPDATED TARGET @ 11,769': Tolerance +/- 8' MD: TVD: INC: 11900 (Changed @ 11,650' MD) (INC changed to 88.5) 11085 89.4 11900 11093 88.5 12500 (Shifted down 4' @ 11,900' MD) 11114 88.4  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
17:30	18:00	12,013.00	12,013.00	07	P	DRLPRO	PERFORMED RIG SERVICE  NOTE: GREASE CROWN, BLOCKS, TOP DRIVE, ST-80 PERFORM DROPS INSPECTION, INSPECT TOP DRIVE TRACK
18:00	00:00	12,013.00	12,348.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 12,013' T/ 12,348' FOOTAGE: 335' ft, AVG ROP: 55.83 FPH SLIDE- 18'= 5.37% 300 GPM, 700-900 DIFF, WOB 26K 3,700 PSI ON BTM , 3,000 PSI OFF RPM 60, TOTAL BIT RPM 297 TQ 10K ON BTM, 5K OFF BTM, PU WT- 240K, SO WT- 183K, ROT WT- 205K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 12,293', INC: 87.95, AZM: 165.54°, TVD: 11,107.78' VS: 1,446.07, PLAN: 5.0' BELOW AND 12.0 RIGHT, DLS 0.64  UPDATED TARGET @ 12,141': Tolerance +/- 8' MD: TVD: INC: 11900 11093 88.5 12500 (Shifted down 4' @ 11,900' MD) 12500 11114 88.4 12500 (Changed @ 12200' MD) (Shifted up 4.5' & changed INC to 90.0) 12500 11101 90.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP



H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 10.33  
DOL: 42.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
WELL CONTROL, MAKING CONNECTIONS, TUGGER LINE INSP, HAND AND BODY PLACEMENT

OBSERVATIONS:  
RTM OBSERVED EMPLOYEE LEANING ON THE HAND RAIL AND WHEN HE WALK UP RTM NOTICE THAT THE HANDRAIL DID NOT HAVE A BOLT IN IT  
RTM STOPPED AND TOLD THE EMPLOYEE NOT TO LEAN ON HAND RAILS AND TO BEAWARE OF HIS SOURROUNDINGS AND SHOW HIM THAT THE BOLT WAS MISSING, RTM INSTALL BOLT IN HAND RAIL.

NPT DAILY: 0.0 HRS  
NPT TOTAL: 14.25 HRS

24 HR SUMMARY:  
BUILDING 6 3/4 CURVE F/ 10,927' T/ 11,546' ( CURVE LANDED @ 11,546' MD, TVD= 11,084, INC= 90.88), DRLG AHEAD IN 6 3/4" LATERAL F/ 11,546' T/ 12,013',  
PERFORMED RIG SERVICE, DRLG AHEAD T/ 12,348' AT MIDNIGHT

POST MIDNIGHT:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 12,348' T/ 12,675

CURRENT OPS:  
DRILLING 6 3/4" LATERAL @ 12,675'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 1,421'  
ROP: 60.5' FPH

ROTATE: 129' @ 74.67 %  
SLIDE: 360' @ 25.33 %

LAST SURVEY:  
SD: 12235  
INC: 87.95  
AZM: 165.54  
TVD: 11105.71  
N/S -1042.42  
E/W 1381.07  
VS: 1388.14  
DLS: 0.64

BIT PROJECTION:  
BD: 12293  
INC: 87.95  
AZM: 165.54  
TVD 11107.78  
N/S 1098.55  
E/W -1395.54  
VS 1446.07  
Above/Below: 5.0' BELOW  
Left/Right: 12.0 RIGHT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/10/20 18:00  
MUD WT= 12.5+  
VIS= 52  
6 RPM=6  
3 RPM=5  
PV= 22  
YP= 9  
HTHP= 10.5  
OWR= 79/21  
EX LIME= 3.95  
CHL= 37,000  
WPS= 265,735  
ES= 507  
LGS= 6.94  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 12,300' 100% SH

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 0 BBLS / TOTAL - 1487 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 3.0 LOADS

TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 3 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT  
LAND CURVE @  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: BRYON ENCE DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	4,741.30	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	8,727.07	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	0650	8823	LIVING FACILITIES & SANITATION	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	550.00	Civeo Camps 6 camps plus 1 transformer
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	1,120.00	DISPOSAL OF SEWER
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,620.00	Mud Loggers (\$1620 daily)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	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, Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	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)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Days Jaime Castillo
	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
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
			Daily Total	64,007.60	Daily Mud Cost	9,596.65
			Cumulative Total	1,712,988.82	Cumulative Mud Cost	80,223.68

WPX Energy																												
Daily Drilling Report																												
WELL NAME:	UL MCNASSER 0201-17 2H			AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	13		DATE:	10/11/2020											
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	62,198		LATERAL SEC:			DFS:	11.33														
EVENT:	DRILLING			LOCATION:			CUM COST \$:	1,775,187		TD (MD):	13,899.0		LITHOLOGY:															
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		11,096.9		FORMATION:		WOLFCAMP													
ENGINEER:	Luke McDougal			ROT HRS:	23.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		2,390 / 4,598													
TODAY'S DEPTH:		13,899 (usft )		CUM ROT:	158.75		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,940 / 20,569											
														NAT GAS (DGE):		0.00 / 0.00												
PREV. DEPTH:		12,348 (usft )					RIG::		H&P 314					SUPERVISOR:		Jaime Castillo												
PROGRESS:		1,551 (usft )		WEATHER: TODAY: CLEAR CURRENTLY ITS 72 THE HIGH WILL BE 82										SUPERVISOR PH. #:		432 848 5217												
PRESENT OPERATION:		DRILLING 6 3/4" LATERAL @ 14,150'																										
OPERATION FORECAST:		DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																										
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD																	
LAST CASING:		7.625(in)		ST WT UP	263.0		PRESS	3,500.00		LOSS TIME (hrs):		17.25		BIT #	6		RPM	0										
DEPTH:		10,550(usft)		ST WT DN	175.0		RATE	300.0		LOSS TIME INC:		4.00		SIZE	6-3/4 (")		HHP	73.09										
LAST BOP:		10/9/2020		ST WT ROT	215.0		DP AV			NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	412.48										
LOT EMW:				TQ ON BTM	12,000.0		DC AV			24 HR RIG DOWN:		0.00		JETS	3-10, 3-11													
WEIGHT LB/FT:		29.70(ppf)		TQ OFF BTM	7,000.0					CUM RIG DOWN		2.25		DEPTH IN	10,565.0													
CONN:		BTC												DEPTH OUT														
PUMP DATA														ROP-last 24 I				66.0										
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM		CUM. FT		3,334.0													
1		GARDENER-DENVER			5.000		11		4,450.00		151.9		CUM. HRS		61.75													
2		GARDENER-DENVER					11						ROP/Cum-ent		54.0													
3		GARDENER-DENVER			5.000		11		4,450.00		151.9		WOB		26.0-26.0													
SURVEY DATA														DULL CONDITION														
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS		I	O	D	L	B	R	G	T					
13,829.00		94.67		159.31		11,102.60		-2,566.59		1,844.47		-2,566.59		5.03														
13,734.00		90.07		160.59		11,106.53		-2,477.45		1,811.94		-2,477.45		0.94														
13,640.00		90.57		161.32		11,107.06		-2,388.60		1,781.27		-2,388.60		3.27														
13,546.00		88.12		163.17		11,105.98		-2,299.09		1,752.61		-2,299.09		2.20														
13,452.00		86.23		162.34		11,101.35		-2,209.43		1,724.78		-2,209.43		4.70														
MUD DATA																												
Date: 10/11/2020 6:00:00PM				MUD TYPE INVERT				CHECK DEPTH 13,604				FL TEMP 118.00				WATER 17.00 ( % )		OIL 61.00 ( % )		SAND ( % )								
GELS ( 8.0/13.0				Filter Cak 2.0 (32nd" )				HTHP 10.0				MW 12.55				VISC 53.00		TEMP 150.00		ECD 13.67								
PV/YP 23.0/9.0				MBT				pH		Pm		Pf		Mf		Cl-		Total Hard		K+								
Lubricant %				ES 525.0				WPS 264,181		CaCl2 26.4		WATER 22.00 ( % )		OIL 78.00 ( % )		HGS 14.40 ( % )												
LGS 5.98 ( % )				SOLIDS 22.00 ( % )				H2S (ppm )		6/3 7.00 / 6.00																		
COMMENTS																												
MUD GAS DATA																												
CONNECTION MAX					1,700.00					TRIP MAX					0.00					BACKGROUND MAX					675.00			
CURRENT BHA																												
DESCRIPTION			NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE					
			6		13,981.99		1,551.00				263.00		175.00		215.0		12,000.0											
Heavy Weight Drill Pipe			0		1,396.53		15 stands of 4.5" HWDP																					
Drill Pipe			1		11,613.00		123 stands of 4.5" DP																					
Underreamer			2		8.45		DRILL N REAM																					
Drill Pipe			3		848.64		4.5" RENTAL DRILL PIPE																					
Cross Over			4		3.58		XT39 X D425 CROSS OVER																					
Filter			5		3.49		FILTER SUB																					
Cross Over			6		3.20		4FH X XT39 CROSS OVER																					
Non-Mag Drill Collar			7		30.11		5" NMDC																					
Hang-Off Sub			8		5.64		5" PULSER SUB																					
Non-Mag Drill Collar			9		29.80		5" NMDC																					
Cross Over			10		4.13		XT39 X 4FH CROSS OVER																					
Float Sub			11		4.12		DOUBLE FLOAT SUB																					
Bent Housing			12		30.30		5" MPACT 6/7 8.0 FXD @ 2.0° SLICK																					
Polycrystalline Diamond Bit			13		1.00		BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA																					
BHA HRS 64.17			MTR HRS 64.17																									
JAR HRS			MWD Hrs 64.17																									
OPERATIONS (00:00)																												
OPERATION COMMENT				DRLG AHEAD IN 6 3/4" LATERAL F/ 12,348' T/ 13,503', PERFORMED RIG SERVICE, DRLG AHEAD T/ 13,899' AT MIDNIGHT																								
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																					

OPERATIONS (00:00)							
OPERATION COMMENT				DRLG AHEAD IN 6 3/4" LATERAL F/ 12,348' T/ 13,503', PERFORMED RIG SERVICE, DRLG AHEAD T/ 13,899' AT MIDNIGHT			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:00	12,348.00	12,665.00	02	P	DRLPRO	<p>DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY</p> <p>F/ 12,348' T/ 12,665'</p> <p>FOOTAGE: 317' ft, AVG ROP: 52.83 FPH</p> <p>SLIDE- 10'= 3.15%</p> <p>300 GPM, 600-1100 DIFF, WOB 26K</p> <p>4000 PSI ON BTM , 3,200 PSI OFF</p> <p>RPM 50-60, TOTAL BIT RPM 287-297</p> <p>TQ 10K ON BTM, 5K OFF BTM,</p> <p>PU WT- 240K, SO WT- 183K, ROT WT- 210K</p> <p>MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50</p> <p> </p> <p>LAST SURVEY: (PTB)</p> <p>MD: 12,665', INC: 92.32, AZM: 163.42°, TVD: 11,099.54'</p> <p>VS: 1,817.91,</p> <p>PLAN: 4.0' BELOW AND 13.0 RIGHT, DLS 0.34</p> <p> </p> <p>UPDATED TARGET @ 12,141':</p> <p>Tolerance +/- 8'</p> <p>MD: TVD: INC:</p> <p>12500 (Shifted down 4' @ 11,900' MD)</p> <p>12500 11114 88.4</p> <p>12500 (Changed @ 12200' MD) (Shifted up 4.5' &amp; changed INC to 90.0)</p> <p>12500 11101 90.0</p> <p> </p> <p>NO FLOW ON CONNECTION</p> <p>NO MUD CUT OR H2S ON BOTTOMS UP</p>
06:00	16:30	12,665.00	13,503.00	02	P	DRLPRO	<p>DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY</p> <p>F/ 12,665' T/ 13,503'</p> <p>FOOTAGE: 838' ft, AVG ROP: 79.80 FPH</p> <p>SLIDE- 25'= 2.98%</p> <p>300 GPM, 600-1100 DIFF, WOB 26K</p> <p>4100 PSI ON BTM , 3,200 PSI OFF</p> <p>RPM 50-60, TOTAL BIT RPM 287-297</p> <p>TQ 10K ON BTM, 5K OFF BTM,</p> <p>PU WT- 250K, SO WT- 183K, ROT WT- 210K</p> <p>MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50</p> <p> </p> <p>LAST SURVEY: (PTB)</p> <p>MD: 13,415', INC: 90.57, AZM: 163.37°, TVD: 11,098.11'</p> <p>VS: 2,567.80,</p> <p>PLAN: 4.0' BELOW AND 11.0 RIGHT, DLS 0.96</p> <p> </p> <p>UPDATED TARGET @ 13,357':</p> <p>Tolerance +/- 8'</p> <p>MD: TVD: INC:</p> <p>12500 (Changed @ 12200' MD) (Shifted up 4.5' &amp; changed INC to 90.0)</p> <p>12500 11101 90.0</p> <p>13000 (Shifted up 2' @ 12500' MD)</p> <p>13000 11097 90.2</p> <p>13500 11095 90.2</p> <p>14000 11091 90.5</p> <p> </p> <p>NO FLOW ON CONNECTION</p> <p>NO MUD CUT OR H2S ON BOTTOMS UP</p>
16:30	17:00	13,503.00	13,503.00	02	P	DRLPRO	<p>PERFORMED RIG SERVICE</p> <p> </p> <p>NOTE:</p> <p>GREASE CROWN, BLOCKS, TOP DRIVE, ST-80</p> <p>PERFORM DROPS INSPECTION, INSPECT TOP DRIVE TRACK</p>
17:00	00:00	13,503.00	13,899.00	02	P	DRLPRO	<p>DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY</p> <p>F/ 13,503' T/ 13,899'</p> <p>FOOTAGE: 396' ft, AVG ROP: 56.57 FPH</p> <p>SLIDE- 41'= 10.35%</p> <p>300 GPM, 600-1100 DIFF, WOB 26K</p> <p>4,450 PSI ON BTM , 3,500 PSI OFF</p> <p>RPM 50-60, TOTAL BIT RPM 287-297</p> <p>TQ 12K ON BTM, 7K OFF BTM,</p> <p>PU WT- 261K, SO WT- 179K, ROT WT- 215K</p> <p>MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50</p> <p> </p> <p>LAST SURVEY: (PTB)</p> <p>MD: 13,887', INC: 94.67, AZM: 159.31°, TVD: 11,097.88'</p> <p>VS: 3,038.78, DLS 5.03</p> <p>PLAN: 10.0' BELOW AND 4.0 LEFT</p> <p> </p> <p>UPDATED TARGET @ 13,829':</p> <p>Tolerance +/- 8'</p> <p>MD: TVD: INC:</p> <p>13500 11095 90.2</p> <p>14000 11091 90.5</p> <p>14000 11092 90.0</p> <p>14500 (Shifted down 3' at 14000' MD)</p> <p>14500 11095 90.0</p> <p> </p> <p>NO FLOW ON CONNECTION</p> <p>NO MUD CUT OR H2S ON BOTTOMS UP</p>



H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 11.33  
DOL: 43.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
FLUID TRANSFER, PRESSURE WASHING, TEAM WORK

OBSERVATIONS:  
RTM I OBSERVED EMPLOYEE ABOUT TO CLIMB THE LADDER AD HE HAD A PAIR OF NEEDLE NOSE PLIERS IN HIS SIDE POCKET  
RTM STOPPED EMPLOYEE AND TOLD HIM TO ALLWAYS CHECK HIS POCKETS BEFORE CLIMBING TO THE BOARD OR AT ANY TIME WORKING ABOVE 4 FEET

NPT DAILY: 0.0 HRS  
NPT TOTAL: 14.25 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 12,348' T/ 13,503', PERFORMED RIG SERVICE, DRLG AHEAD T/ 13,899' AT MIDNIGHT

POST MIDNIGHT:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 13,899' T/ 14,150'

CURRENT OPS:  
DRILLING 6 3/4" LATERAL @ 14,150'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 1,551'  
ROP: 66.0' FPH

ROTATE: 1,475' @ 95.1 %  
SLIDE: 76' @ 4.90 %

LAST SURVEY:  
SD: 13829  
INC: 94.67  
AZM: 159.31  
TVD: 11102.60  
N/S -2566.62  
E/W 1844.49  
VS: 2981.14  
DLS: 5.03

BIT PROJECTION:  
BD: 13887  
INC: 94.67  
AZM: 159.31  
TVD 11097.88  
N/S 2620.70  
E/W -1864.91  
VS 3038.78  
Above/Below: 10.0' BELOW  
Left/Right: 4.0 LEFT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/11/20 18:00  
MUD WT= 12.5+  
VIS= 53  
6 RPM=7  
3 RPM=6  
PV= 23  
YP= 9  
HTHP= 10.0  
OWR= 78/22  
EX LIME= 4.21  
CHL= 39,000  
WPS= 264,181  
ES= 525  
LGS= 5.98  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 12,300' 95% SH, 5.0%LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 300 BBLS / TOTAL - 1787 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 3.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 3 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8" SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	4,607.29	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	8,171.95	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	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	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	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
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	For Remote Panel, 2 DRIVE OVERS EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	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)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	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
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
			Daily Total	62,198.47	Daily Mud Cost	9,041.53
			Cumulative Total	1,775,187.28	Cumulative Mud Cost	89,265.21

WPX Energy																							
Daily Drilling Report																							
WELL NAME:	UL MCNASSER 0201-17 2H		AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	14	DATE:	10/12/2020								
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	78,484		LATERAL SEC:			DFS:	12.33										
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,853,671		TD (MD):	15,400.0		LITHOLOGY:											
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		APi: 42-475-38146		TD (TVD):		11,136.9		FORMATION:		WOLFCAMP									
ENGINEER:	Luke McDougal		ROT HRS:	23.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		2,007 / 6,605									
TODAY'S DEPTH:		15,400 (usft )	CUM ROT:	182.25		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,222 / 22,791							
													NAT GAS (DGE):		0.00 / 0.00								
PREV. DEPTH:		13,899 (usft )				RIG::		H&P 314				SUPERVISOR:		Jaime Castillo									
PROGRESS:		1,501 (usft )	WEATHER: TODAY: CLEAR CURRENTLY ITS 63 THE HIGH WILL BE 91										SUPERVISOR PH. #:		432 848 5217								
PRESENT OPERATION:		DRILLING 6 3/4" LATERAL @ 15,765'																					
OPERATION FORECAST:		DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																					
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD												
LAST CASING:		7.625(in)	ST WT UP	287.0	PRESS	3,600.00	LOSS TIME (hrs):		17.25		BIT #		6	RPM	0								
DEPTH:		10,550(usft)	ST WT DN	131.0	RATE	300.0	LOSS TIME INC:		4.00		SIZE		6-3/4 (")		HHP	73.09							
LAST BOP:		10/9/2020	ST WT ROT	215.0	DP AV		NEAR MISSES:		0.00		TYPE		DD306TWX		P BIT	412.48							
LOT EMW:			TQ ON BTM	14,000.0	DC AV		24 HR RIG DOWN:		0.00		JETS		3-10, 3-11										
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	8,000.0			CUM RIG DOWN		2.25		DEPTH IN		10,565.0										
CONN:		BTC									DEPTH OUT												
PUMP DATA																							
PUMP #		MANU		LINER		STROKE		PRESSURE		GPM		ROP-last 24 I		63.9									
1		GARDENER-DENVER		5.000		11		4,600.00		151.9		CUM. FT		4,835.0									
2		GARDENER-DENVER				11						CUM. HRS		85.25									
3		GARDENER-DENVER		5.000		11		4,600.00		151.9		ROP/Cum-ent		56.7									
SURVEY DATA																							
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS									
15,248.00		87.95		164.51		11,131.48		-3,928.13		2,238.16		-3,928.13		1.15									
15,153.00		88.59		163.62		11,128.62		-3,836.82		2,212.10		-3,836.82		1.32									
15,058.00		87.42		164.06		11,125.31		-3,745.63		2,185.67		-3,745.63		0.66									
14,964.00		87.75		164.59		11,121.35		-3,655.21		2,160.30		-3,655.21		0.50									
14,869.00		87.34		164.83		11,117.28		-3,563.66		2,135.27		-3,563.66		0.96									
MUD DATA																							
Date: 10/12/2020 6:00:00PM		MUD TYPE INVERT		CHECK DEPTH 14,927		FL TEMP 111.00		WATER 16.00 (%)		OIL 62.00 (%)		SAND (%)											
GELS ( 9.0/14.0		Filter Cak 2.0 (32nd" )		HTHP 10.0		MW 12.55		VISC 53.00		TEMP 150.00		ECD 13.67											
PV/YP 23.0/8.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+											
Lubricant %		ES 525.0		WPS 265,735		CaCl2 26.6		WATER 21.00 (%)		OIL 79.00 (%)		HGS 14.57 (%)											
LGS 5.89 (%)		SOLIDS 22.00 (%)		H2S (ppm )		6/3 7.00 / 6.00																	
COMMENTS																							
MUD GAS DATA																							
CONNECTION MAX				1,508.00				TRIP MAX				0.00				BACKGROUND MAX				761.00			
CURRENT BHA																							
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE											
		6	13,981.99	1,501.00		287.00	131.00	215.0	14,000.0														
Heavy Weight Drill Pipe		0	1,396.53	15 stands of 4.5" HWDP								5.500	2.25										
Drill Pipe		1	11,613.00	123 stands of 4.5" DP								5.250	3.00										
Underreamer		2	8.45	DRILL N REAM								5.188	3.00										
Drill Pipe		3	848.64	4.5" RENTAL DRILL PIPE								5.250	3.00										
Cross Over		4	3.58	XT39 X D425 CROSS OVER								5.313	2.25										
Filter		5	3.49	FILTER SUB								5.250	2.50										
Cross Over		6	3.20	4FH X XT39 CROSS OVER								5.250	2.94										
Non-Mag Drill Collar		7	30.11	5" NMDC								5.000	2.69										
Hang-Off Sub		8	5.64	5" PULSER SUB								5.125	2.63										
Non-Mag Drill Collar		9	29.80	5" NMDC								5.000	2.69										
Cross Over		10	4.13	XT39 X 4FH CROSS OVER								5.188	2.25										
Float Sub		11	4.12	DOUBLE FLOAT SUB								5.188	2.25										
Bent Housing		12	30.30	5" MPACT 6/7 8.0 FXD @ 2.0° SLICK								5.000											
Polycrystalline Diamond Bit		13	1.00	BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA								6.750											
BHA HRS 87.92		MTR HRS 87.92																					
JAR HRS		MWD Hrs 87.92																					
OPERATIONS (00:00)																							
OPERATION COMMENT			DRLG AHEAD IN 6 3/4" LATERAL F/ 13,899' T/ 14,831', PERFORMED RIG SERVICE, DRLG AHEAD T/ 15,400' AT MIDNIGHT																				
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																



OPERATIONS (00:00)							
OPERATION COMMENT				DRLG AHEAD IN 6 3/4" LATERAL F/ 13,899' T/ 14,831', PERFORMED RIG SERVICE, DRLG AHEAD T/ 15,400' AT MIDNIGHT			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:00	13,899.00	14,171.00	02	P	DRLPRO	<div>DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY</div> <div>F/ 13,899' T/ 14,171'</div> <div>FOOTAGE: 272' ft, AVG ROP: 45.33 FPH</div> <div>SLIDE- 42'= 15%</div> <div>300 GPM, 700-900 DIFF, WOB 26K</div> <div>4,300 PSI ON BTM , 3,600 PSI OFF</div> <div>RPM 60, TOTAL BIT RPM 297</div> <div>TQ 11K ON BTM, 7K OFF BTM,</div> <div>PU WT- 261K, SO WT- 179K, ROT WT- 215K</div> <div>MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50</div> <div> </div> <div>LAST SURVEY: (PTB)</div> <div>MD: 14,171', INC: 90.17, AZM: 164.20°, TVD: 11,091.51'</div> <div>VS: 3,322.62, DLS 1.95</div> <div>PLAN: 3.0' ABOVE AND 13.0 LEFT</div> <div> </div> <div>UPDATED TARGET @ 13,829':</div> <div>Tolerance +/- 8'</div> <div>MD: TVD: INC:</div> <div>14000 11091 90.5</div> <div>14000 11092 90.0</div> <div>14500 (Shifted down 3' at 14000' MD)</div> <div>14500 11095 90.0</div> <div> </div> <div>NO FLOW ON CONNECTION</div> <div>NO MUD CUT OR H2S ON BOTTOMS UP</div>
06:00	16:30	14,171.00	14,831.00	02	P	DRLPRO	<div>DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY</div> <div>F/ 14,171' T/ 14,831'</div> <div>FOOTAGE: 660' ft, AVG ROP: 62.85 FPH</div> <div>SLIDE- 40'= 6%</div> <div>300 GPM, 700-900 DIFF, WOB 26K</div> <div>4,450 PSI ON BTM , 3,600 PSI OFF</div> <div>RPM 60, TOTAL BIT RPM 297</div> <div>TQ 12K ON BTM, 7K OFF BTM,</div> <div>PU WT- 290K, SO WT- 160K, ROT WT- 215K</div> <div>MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50</div> <div> </div> <div>LAST SURVEY: (PTB)</div> <div>MD: 14,738', INC: 85.27, AZM: 164.21°, TVD: 11,111.16'</div> <div>VS: 3,888.88, DLS .90</div> <div>PLAN: 8.0' ABOVE AND 6.0 LEFT</div> <div> </div> <div>UPDATED TARGET @ 14,400': (GEO STATED OUT OF THOUGHT ZONE BY 25' ABOVE)</div> <div>Tolerance +/- 8'</div> <div>MD: TVD: INC:</div> <div>14500 (Shifted down 3' at 14000' MD)</div> <div>14500 11097 90.0</div> <div>14500 11097 88.9</div> <div>15000 11123 87.0</div> <div> </div> <div>NO FLOW ON CONNECTION</div> <div>NO MUD CUT OR H2S ON BOTTOMS UP</div>
16:30	17:00	14,831.00	14,831.00	07	P	DRLPRO	<div>PERFORMED RIG SERVICE</div> <div> </div> <div>NOTE:</div> <div>GREASE CROWN, BLOCKS, TOP DRIVE, ST-80</div> <div>PERFORM DROPS INSPECTION, INSPECT TOP DRIVE TRACK</div>
17:00	00:00	14,831.00	15,400.00	02	P	DRLPRO	<div>DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY</div> <div>F/ 14,831' T/ 15,400'</div> <div>FOOTAGE: 569' ft, AVG ROP: 81.28 FPH</div> <div>SLIDE- 6.0'= 1.05%</div> <div>300 GPM, 600-900 DIFF, WOB 26K</div> <div>4,600 PSI ON BTM , 3,600 PSI OFF</div> <div>RPM 50-60, TOTAL BIT RPM 287-297</div> <div>TQ 14K ON BTM, 8K OFF BTM,</div> <div>PU WT- 287K, SO WT- 131K, ROT WT- 215K</div> <div>MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50</div> <div> </div> <div>LAST SURVEY: (PTB)</div> <div>MD: 15,306', INC: 87.95, AZM: 164.51°, TVD: 11,133.54'</div> <div>VS: 4,456.40, DLS 1.16</div> <div>PLAN: 6.0' ABOVE AND OTL LEFT/RIGHT</div> <div> </div> <div>UPDATED TARGET @ 15,058': (GEO STATED OUT OF THOUGHT ZONE BY 25' ABOVE)</div> <div>Tolerance +/- 8'</div> <div>MD: TVD: INC:</div> <div>15000 (Changed at 14925' MD) (Shifted target down 3' and changed INC to 86.3 deg.)</div> <div>15000 11123 87.0</div> <div>15000 11127 86.3</div> <div>15200 11137 87.1</div> <div>15500 11140 89.4</div> <div> </div> <div>NO FLOW ON CONNECTION</div> <div>NO MUD CUT OR H2S ON BOTTOMS UP</div>



H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 12.33  
DOL: 44.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
CHNGING OUT SLIP DIES, PROPPER PPE, FLUID TRANSFERS, MAN LIFT OPS

OBSERVATIONS:  
RTM OBSERVED EMPLOYEE ABOUT TO DRIVE THE FORKLIFT BEHIND THE TRACKHOE WHILE IT WAS LOADING A TRUCK WITH CUTTINGS  
RTM STOPPED THE FORKLIFT OPERATOR AND TOLD HIM THAT THE TRACKHOE HAS A BUFFER ZONE THE SAME AS THE FORKLIFT TO ALWAYS HONOR THE  
BUFFER ZONE TO ELIMINATE ANY POTENTIAL PROPERTY DAMANGE  
EMPLOYEE SAID HE UNDERSTOOD AND HE WAITED UNTILL THE TRACKHOE COMPLETED HIS WORK BEFORE HE CONTINUED

NPT DAILY: 0.0 HRS  
NPT TOTAL: 14.25 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 13,899' T/ 14,831', PERFORMED RIG SERVICE, DRLG AHEAD T/ 15,400' AT MIDNIGHT

POST MIDNIGHT:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 15,400' T/ 15,765'

CURRENT OPS:  
DRILLING 6 3/4" LATERAL @ 15,765'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 1,501'  
ROP: 63.9' FPH

ROTATE: 1,420' @ 94.6 %  
SLIDE: 81' @ 5.40 %

LAST SURVEY:  
SD: 15248  
INC: 87.95  
AZM: 164.51  
TVD: 11131.47  
N/S -3928.15  
E/W 2238.19  
VS: 4398.44  
DLS: 1.16

BIT PROJECTION:  
BD: 15306  
INC: 87.95  
AZM: 164.51  
TVD 11133.54  
N/S 3984.01  
E/W -2253.67  
VS 4456.40  
Above/Below: 6.0' ABOVE  
Left/Right: OLT LEFT/RIGHT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/12/20 18:00  
MUD WT= 12.5+  
VIS= 53  
6 RPM=7  
3 RPM=6  
PV= 23  
YP= 8  
HTHP= 10.0  
OWR= 79/21  
EX LIME= 4.53  
CHL= 37,000  
WPS= 265,735  
ES= 525  
LGS= 5.89  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 15,400' 95% SH, 5.0%LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 0.0 BBLS / TOTAL - 1787 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 3.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 9 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/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	3,039.00	CLEAN, DRIFT, TALLY 5.5 CSG
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	5,813.62	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	8,786.17	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8167	DYED DIESEL-MUD TANKS	Pilot Thomas Logistics	9,833.89	7400 GALS OF MUD FUEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	0650	8823	LIVING FACILITIES & SANITATION	Bulldog Chemicals LLC	1,050.00	DISINFECT HOUSES
	0650	8823	LIVING FACILITIES & SANITATION	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	550.00	Civeo Camps 6 camps plus 1 transformer
	0650	8298	MISCELLANEOUS - MATERIALS	East Texas Oilfield Supply Compar	542.00	MISC. SUPPLYS
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,620.00	Mud Loggers (\$1620 daily)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	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	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	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)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	1,400.00	Supervision Days Bryon Ence
	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	AIP	1,400.00	Supervision Nights Billy LaLonde
			Daily Total	78,483.90	Daily Mud Cost	19,489.64
			Cumulative Total	1,853,671.19	Cumulative Mud Cost	108,754.85

WPX Energy																															
Daily Drilling Report																															
WELL NAME:	UL MCNASSER 0201-17 2H			AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	15	DATE:	10/13/2020															
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	95,865		LATERAL SEC:			DFS:	13.33																	
EVENT:	DRILLING			LOCATION:			CUM COST \$:	1,949,536		TD (MD):	16,850.0		LITHOLOGY:																		
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		11,161.8		FORMATION:		WOLFCAMP																
ENGINEER:	Luke McDougal			ROT HRS:	23.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		2,250 / 8,855																
TODAY'S DEPTH:		16,850 (usft )		CUM ROT:	205.75		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,137 / 24,928														
														NAT GAS (DGE):		0.00 / 0.00															
PREV. DEPTH:		15,400 (usft )						RIG::		H&P 314				SUPERVISOR:		Jaime Castillo															
PROGRESS:		1,450 (usft )		WEATHER: TODAY: CLEAR CURRENTLY ITS 64 THE HIGH WILL BE 99										SUPERVISOR PH. #:		432 848 5217															
PRESENT OPERATION:		DRILLING 6 3/4" LATERAL @ 17,220'																													
OPERATION FORECAST:		DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																													
CSG / WELL CONTROL			DRLG DATA					DOWNTIME:			BIT RECORD																				
LAST CASING:		7.625(in)		ST WT UP		290.0		PRESS		4,150.00		LOSS TIME (hrs):		17.75		BIT #		6		RPM		0									
DEPTH:		10,550(usft)		ST WT DN		120.0		RATE		300.0		LOSS TIME INC:		5.00		SIZE		6-3/4 (")		HHP		73.09									
LAST BOP:		10/9/2020		ST WT ROT		215.0		DP AV				NEAR MISSES:		0.00		TYPE		DD306TWX		P BIT		412.48									
LOT EMW:				TQ ON BTM		14,000.0		DC AV				24 HR RIG DOWN:		0.00		JETS		3-10, 3-11													
WEIGHT LB/FT:		29.70(ppf)		TQ OFF BTM		8,000.0						CUM RIG DOWN		2.25		DEPTH IN		10,565.0													
CONN:		BTC														DEPTH OUT															
PUMP DATA														ROP-last 24 I		61.7															
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM																				
1		GARDENER-DENVER			5.000		11		4,800.00		151.9																				
2		GARDENER-DENVER					11																								
3		GARDENER-DENVER			5.000		11		4,800.00		151.9																				
SURVEY DATA														DULL CONDITION																	
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS		I		O		D		L		B		R		G		T	
16,759.00		86.73		163.26		11,156.65		-5,368.37		2,691.94		-5,368.37		0.88																	
16,665.00		87.49		162.94		11,151.91		-5,278.54		2,664.65		-5,278.54		0.73																	
16,570.00		87.71		163.60		11,147.93		-5,187.64		2,637.33		-5,187.64		1.02																	
16,476.00		87.07		162.89		11,143.65		-5,097.73		2,610.26		-5,097.73		1.34																	
16,381.00		87.15		161.62		11,138.86		-5,007.37		2,581.34		-5,007.37		2.01																	
MUD DATA																															
Date: 10/13/2020 6:00:00PM				MUD TYPE INVERT				CHECK DEPTH 16,459				FL TEMP 113.00				WATER 18.00 (%)		OIL 60.00 (%)		SAND (%)											
GELS ( 8.0/14.0				Filter Cak 2.0 (32nd" )				HTHP 10.0				MW 12.55				VISC 54.00		TEMP 150.00		ECD 13.68											
PV/YP 22.0/9.0				MBT				pH		Pm		Pf		Mf		Cl-		Total Hard		K+											
Lubricant %				ES 516.0				WPS 272,124				CaCl2 27.2				WATER 23.00 (%)		OIL 77.00 (%)		HGS 14.19 (%)											
LGS 6.02 (%)				SOLIDS 22.00 (%)				H2S (ppm )				6/3 7.00 / 6.00																			
COMMENTS																															
MUD GAS DATA																															
CONNECTION MAX						1,531.00		TRIP MAX				0.00				BACKGROUND MAX				698.00											
CURRENT BHA																															
DESCRIPTION			NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE								
			6		13,981.99		1,450.00				290.00		120.00		215.0		14,000.0														
Heavy Weight Drill Pipe			0		1,396.53		15 stands of 4.5" HWDP										5.500		2.25												
Drill Pipe			1		11,613.00		123 stands of 4.5" DP										5.250		3.00												
Underreamer			2		8.45		DRILL N REAM										5.188		3.00												
Drill Pipe			3		848.64		4.5" RENTAL DRILL PIPE										5.250		3.00												
Cross Over			4		3.58		XT39 X D425 CROSS OVER										5.313		2.25												
Filter			5		3.49		FILTER SUB										5.250		2.50												
Cross Over			6		3.20		4FH X XT39 CROSS OVER										5.250		2.94												
Non-Mag Drill Collar			7		30.11		5" NMDC										5.000		2.69												
Hang-Off Sub			8		5.64		5" PULSER SUB										5.125		2.63												
Non-Mag Drill Collar			9		29.80		5" NMDC										5.000		2.69												
Cross Over			10		4.13		XT39 X 4FH CROSS OVER										5.188		2.25												
Float Sub			11		4.12		DOUBLE FLOAT SUB										5.188		2.25												
Bent Housing			12		30.30		5" MPACT 6/7 8.0 FXD @ 2.0° SLICK										5.000														
Polycrystalline Diamond Bit			13		1.00		BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA										6.750														
BHA HRS			111.42		MTR HRS			111.42																							
JAR HRS					MWD Hrs			111.42																							
OPERATIONS (00:00)																															
OPERATION COMMENT					DRLG AHEAD IN 6 3/4" LATERAL F/ 15,400' T/ 16,439', PERFORMED RIG SERVICE, DRLG AHEAD T/ 16,750', BACKED OUT OF STRING WHILE SLIDING,CALL WAS MADE AND DECISION WAS TO SCREW BACK IN AND CONTINUE DRILLING AHEAD WHILE WATCHING PUMP PRESSURE, HOOK LOAD AND TORQUE (SLACKED OFF TO 57K WHILE ROTATING AT 10 RPMS STAB IN AND TORQUED UP TO 32K, PICK UP WHILE ROTATING TO 215 (NETURAL WT), REPEATED PROCESS 3 TIMES, STAGE PUMPS UP FROM 20 SPM TO 114 SPM UNTIL PRESSURE STABILIZED AT 4150 OFF BOTTOM( PUMP PRESSURE, HOOK LOAD, OBT, AT PREVIOUS READINGS TAKEN AND NORMAL) , DRLG AHEAD T/ 16,850' AT MIDNIGHT																										
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																								

OPERATIONS (00:00)							
OPERATION COMMENT			DRLG AHEAD IN 6 3/4" LATERAL F/ 15,400' T/ 16,439', PERFORMED RIG SERVICE, DRLG AHEAD T/ 16,750', BACKED OUT OF STRING WHILE SLIDING,CALL WAS MADE AND DECISION WAS TO SCREW BACK IN AND CONTINUE DRILLING AHEAD WHILE WATCHING PUMP PRESSURE, HOOK LOAD AND TORQUE (SLACKED OFF TO 57K WHILE ROTATING AT 10 RPMS STAB IN AND TORQUED UP TO 32K, PICK UP WHILE ROTATING TO 215 (NETURAL WT), REPEATED PROCESS 3 TIMES, STAGE PUMPS UP FROM 20 SPM TO 114 SPM UNTIL PRESSURE STABILIZED AT 4150 OFF BOTTOM( PUMP PRESSURE, HOOK LOAD, OBT, AT PREVIOUS READINGS TAKEN AND NORMAL) , DRLG AHEAD T/ 16,850' AT MIDNIGHT				
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:00	15,400.00	15,778.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 15,400' T/ 15,778' FOOTAGE: 378' ft, AVG ROP: 63.0 FPH SLIDE- 12.0'= 3.17% 300 GPM, 600-900 DIFF, WOB 26K 4,700 PSI ON BTM , 3,600 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 14K ON BTM, 8K OFF BTM, PU WT- 285K, SO WT- 130K, ROT WT- 215K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 15,778', INC: 90.88, AZM: 162.84°, TVD: 11,141.68' VS: 4,928.11, DLS 1.36 PLAN: 2.0' ABOVE AND 6.0 LEFT  UPDATED TARGET @ 15,342': Tolerance +/- 8' MD: TVD: INC: 15500 11140 89.4 16000 (Shifted down 4' @ 15500' MD) 16000 11145 89.9  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
06:00	16:00	15,778.00	16,439.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 15,778' T/ 16,439' FOOTAGE: 661' ft, AVG ROP: 66.10 FPH SLIDE- 52.0'= 7.86% 300 GPM, 600-900 DIFF, WOB 26K 4,700 PSI ON BTM , 3,600 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 14K ON BTM, 8K OFF BTM, PU WT- 287K, SO WT- 131K, ROT WT- 215K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 16,439', INC: 87.15, AZM: 161.62°, TVD: 11141.71' VS: 5,588.51, DLS 2.01 PLAN: 4.0' ABOVE AND 27.0 LEFT  UPDATED TARGET @ 16,003': Tolerance +/- 8' MD: TVD: INC: 16000 (Shifted down 4' @ 15500' MD) 16000 11145 89.9 16500 (Changed @ 16,170' MD) (Shifted up 7') 16500 11149 89.5 16500 (Changed @ 16,280' MD) (INC to 87.9) 16500 11139 90.0 16500 11147 87.9  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
16:00	16:30	16,439.00	16,439.00	07	P	DRLPRO	PERFORMED RIG SERVICE  NOTE: GREASE CROWN, BLOCKS, TOP DRIVE, ST-80 PERFORM DROPS INSPECTION, INSPECT TOP DRIVE TRACK
16:30	22:30	16,439.00	16,750.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 16,439' T/ 16,750' FOOTAGE: 311' ft, AVG ROP: 68.5 FPH SLIDE- 48'= 15.43% 300 GPM, 600-900 DIFF, WOB 26K 4,800 PSI ON BTM , 4,150 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 14K ON BTM, 8K OFF BTM, PU WT- 290K, SO WT- 120K, ROT WT- 215K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 16,817', INC: 86.73, AZM: 163.26°, TVD: 11159.92' VS: 5,966.06, DLS 0.87 PLAN: 4.0' ABOVE AND 31.0 LEFT  UPDATED TARGET @ 16,287': Tolerance +/- 8' MD: TVD: INC: 16500 (Changed @ 16,170' MD) (Shifted up 7') 16500 11149 89.5 16500 (Changed @ 16,280' MD) (INC to 87.9) 16500 11139 90.0 16500 11147 87.9 17000 11173 87.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP

OPERATIONS (00:00)							
OPERATION COMMENT				DRLG AHEAD IN 6 3/4" LATERAL F/ 15,400' T/ 16,439', PERFORMED RIG SERVICE, DRLG AHEAD T/ 16,750', BACKED OUT OF STRING WHILE SLIDING,CALL WAS MADE AND DECISION WAS TO SCREW BACK IN AND CONTINUE DRILLING AHEAD WHILE WATCHING PUMP PRESSURE, HOOK LOAD AND TORQUE (SLACKED OFF TO 57K WHILE ROTATING AT 10 RPMS STAB IN AND TORQUED UP TO 32K, PICK UP WHILE ROTATING TO 215 (NETURAL WT), REPEATED PROCESS 3 TIMES, STAGE PUMPS UP FROM 20 SPM TO 114 SPM UNTIL PRESSURE STABILIZED AT 4150 OFF BOTTOM( PUMP PRESSURE, HOOK LOAD, OBT, AT PREVIOUS READINGS TAKEN AND NORMAL) , DRLG AHEAD T/ 16,850' AT MIDNIGHT			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
22:30	23:00	16,750.00	16,750.00	21	NP	DRLPRO	BACKED OUT OF STRING WHILE SLIDING,CALL WAS MADE AND DECISION WAS TO SCREW BACK IN AND CONTINUE DRILLING AHEAD WHILE WATCHING PUMP PRESSURE, HOOK LOAD AND TORQUE  NOTE: SLACKED OFF TO 57K WHILE ROTATING AT 10 RPMS STAB IN AND TORQUED UP TO 32K, PICK UP WHILE ROTATING TO 215 (NETURAL WT), REPEATED PROCESS 3 TIMES, STAGE PUMPS UP FROM 20 SPM TO 114 SPM UNTIL PRESSURE STABILIZED AT 4150 OFF BOTTOM( PUMP PRESSURE, HOOK LOAD, OBT, AT PREVIOUS READINGS TAKEN AND NORMAL)
23:00	00:00	16,750.00	16,850.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 16,750' T/ 16,850' FOOTAGE: 100' ft, AVG ROP: 100.0 FPH SLIDE- 0.0'= 0.0% 300 GPM, 600-900 DIFF, WOB 26K 4,800 PSI ON BTM , 4,150 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 14K ON BTM, 8K OFF BTM, PU WT- 290K, SO WT- 120K, ROT WT- 215K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 16,817', INC: 86.73, AZM: 163.26°, TVD: 11159.92' VS: 5,966.06, DLS 0.87 PLAN: 4.0' ABOVE AND 31.0 LEFT  UPDATED TARGET @ 16,287': Tolerance +/- 8' MD: TVD: INC: 16500 (Changed @ 16,170' MD) (Shifted up 7") 16500 11149 89.5 16500 (Changed @ 16,280' MD) (INC to 87.9) 16500 11139 90.0 16500 11147 87.9 17000 11173 87.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP





H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 13.33  
DOL: 45.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
CHNGING OUT SLIP DIES, PROPPER PPE, FLUID TRANSFERS, MAN LIFT OPS

OBSERVATIONS:  
RTM NOTICE WHILE MAKING A CONNECTION THAT AN EMPLOYEE WAS USING A PEICE OF SASH-CORD AS BELT FOR HIS PANTS AND THE END WAS TO LONG AND COULD GET CAUGHT IN ROT EQUIP.  
RTM STOP THE JOB AND EXPLAINED THE HAZARDS OF THE ENDS OF THE SASH-CORD GETTTING CAUGHT IN ANY ROT EQUIP. RTM AGREED AND TOOK SASH-CORD BELT OFF AND SAID THANK YOU HE DID THINK ABOUT THAT.

NPT DAILY: 0.5 HRS DUE TO BACKED OUT OF STRING WHILE SLIDING  
NPT TOTAL: 14.75 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 15,400' T/ 16,439', PERFORMED RIG SERVICE, DRLG AHEAD T/ 16,750', BACKED OUT OF STRING WHILE SLIDING,CALL WAS MADE AND DECISION WAS TO SCREW BACK IN AND CONTINUE DRILLING AHEAD WHILE WATCHING PUMP PRESSURE, HOOK LOAD AND TORQUE (SLACKED OFF TO 57K WHILE ROTATING AT 10 RPMS STAB IN AND TORQUED UP TO 32K, PICK UP WHILE ROTATING TO 215 (NETURAL WT), REPEATED PROCESS 3 TIMES, STAGE PUMPS UP FROM 20 SPM TO 114 SPM UNTIL PRESSURE STABILIZED AT 4150 OFF BOTTOM( PUMP PRESSURE, HOOK LOAD, OBT, AT PREVIOUS READINGS TAKEN AND NORMAL) , DRLG AHEAD T/ 16,850' AT MIDNIGHT

POST MIDNIGHT:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 16,850' T/ 17,220'

CURRENT OPS:  
DRILLING 6 3/4" LATERAL @ 17,220'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 1,450'  
ROP: 61.7' FPH

ROTATE: 1,350' @ 93.1 %  
SLIDE: 100' @ 6.90 %

LAST SURVEY:  
SD: 16759  
INC: 86.73  
AZM: 163.26  
TVD: 11156.61  
N/S -5368.39  
E/W 2691.96  
VS: 5908.16  
DLS: 0.87

BIT PROJECTION:  
BD: 16817  
INC: 86.73  
AZM: 163.26  
TVD 11159.92  
N/S 5423.84  
E/W -2708.64  
VS 5966.06  
Above/Below: 4.0' ABOVE  
Left/Right: 31.0 LEFT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/13/20 18:00  
MUD WT= 12.5+  
VIS= 54  
6 RPM=7  
3 RPM=6  
PV= 22  
YP= 9  
HTHP= 10.0  
OWR= 77/23  
EX LIME= 3.5  
CHL= 43,000  
WPS= 272,124  
ES= 516  
LGS= 6.02  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 15,400' 100% SH, TR% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 250 BBLS / TOTAL - 2037 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:

DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 1.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 10.0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	7,101.11	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	6,144.39	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	*New Vendor	23,366.32	OFMC 3600,550,HSOLX
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8166	DYED DIESEL	Pilot Thomas Logistics	9,833.89	7500 GALS OF RIG FUEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	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	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	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)	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)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	1,400.00	Supervision Days Bryon Ence
	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	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
			Daily Total	95,864.93	Daily Mud Cost	30,380.29
			Cumulative Total	1,949,536.11	Cumulative Mud Cost	139,135.14

NPT SUMMARY				
Start date/time	End date/time	Title	Description	Duration (hr)
10/13/2020 10:30:00PM	10/13/2020 11:00:00PM	BACKED OUT OF STRING WHILE SLIDING,CALL WAS MADE AND DECISION WAS TO SCREW BACK IN AND CONTINUE DRILLING AHEAD WHILE WATCHIN PUMP PRESSURE, HOOK LOAD AND TORQUE  NOTE: SLACKED OFF TO 57K WHILE ROTATING AT 10 RPMS STAB IN AND TORQUED UP TO 32K, PICK UP WHILE ROTATING TO 215 (NETURAL WT), REPEATED PROCESS 3 TIMES, STAGE PUMPS UP FROM 20 SPM TO 114 SPM UNTIL PRESSURE STABILIZED AT 4150 OFF BOTTOM( PUMP PRESSURE, HOOK LOAD, OBT, AT PREVIOUS READINGS TAKEN AND NORMAL)	BACKED OUT OF STRING WHILE SLIDING,CALL WAS MADE AND DECISION WAS TO SCREW BACK IN AND CONTINUE DRILLING AHEAD WHILE WATCHIN PUMP PRESSURE, HOOK LOAD AND TORQUE  NOTE: SLACKED OFF TO 57K WHILE ROTATING AT 10 RPMS STAB IN AND TORQUED UP TO 32K, PICK UP WHILE ROTATING TO 215 (NETURAL WT), REPEATED PROCESS 3 TIMES, STAGE PUMPS UP FROM 20 SPM TO 114 SPM UNTIL PRESSURE STABILIZED AT 4150 OFF BOTTOM( PUMP PRESSURE, HOOK LOAD, OBT, AT PREVIOUS READINGS TAKEN AND NORMAL)	0.50

WPX Energy																								
Daily Drilling Report																								
WELL NAME:	UL MCNASSER 0201-17 2H			AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	16		DATE:	10/14/2020							
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	77,219		LATERAL SEC:			DFS:	14.33										
EVENT:	DRILLING			LOCATION:			CUM COST \$:	2,024,447		TD (MD):	17,871.0		LITHOLOGY:											
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		11,162.9		FORMATION:		WOLFCAMP									
ENGINEER:	Luke McDougal			ROT HRS:	22.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		2,400 / 11,255									
TODAY'S DEPTH:		17,871 (usft )		CUM ROT:	228.25		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,060 / 26,988							
														NAT GAS (DGE):		0.00 / 0.00								
PREV. DEPTH:		16,850 (usft )					RIG::		H&P 314					SUPERVISOR:		Jaime Castillo								
PROGRESS:		1,021 (usft )		WEATHER: TODAY: CLEAR CURRENTLY ITS 72 THE HIGH WILL BE 75									SUPERVISOR PH. #:		432 848 5217									
PRESENT OPERATION:		DRILLING 6 3/4" LATERAL @ 18,130'																						
OPERATION FORECAST:		DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																						
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD													
LAST CASING:		7.625(in)		ST WT UP	270.0		PRESS	4,150.00		LOSS TIME (hrs):		19.25		BIT #	6		RPM	297						
DEPTH:		10,550(usft)		ST WT DN	118.0		RATE	300.0		LOSS TIME INC:		6.00		SIZE	6-3/4 (")		HHP	73.09						
LAST BOP:		10/9/2020		ST WT ROT	200.0		DP AV			NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	412.48						
LOT EMW:				TQ ON BTM	16,000.0		DC AV			24 HR RIG DOWN:		0.00		JETS	3-10, 3-11									
WEIGHT LB/FT:		29.70(ppf)		TQ OFF BTM	8,000.0					CUM RIG DOWN		2.25		DEPTH IN	10,565.0									
CONN:		BTC												DEPTH OUT										
PUMP DATA														DULL CONDITION										
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM													
1		GARDENER-DENVER			5.000		11		4,950.00		151.9													
2		GARDENER-DENVER					11																	
3		GARDENER-DENVER			5.000		11		4,950.00		151.9													
SURVEY DATA																								
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS										
17,797.00		89.16		164.12		11,161.77		-6,370.21		2,961.07		-6,370.21		3.48										
17,702.00		91.74		166.19		11,162.51		-6,278.40		2,936.73		-6,278.40		1.17										
17,608.00		91.21		167.15		11,164.93		-6,186.96		2,915.07		-6,186.96		1.51										
17,514.00		90.34		166.03		11,166.20		-6,095.53		2,893.27		-6,095.53		1.92										
17,419.00		91.04		164.35		11,167.35		-6,003.70		2,868.99		-6,003.70		0.93										
MUD DATA																								
Date: 10/14/2020 6:00:00PM				MUD TYPE INVERT			CHECK DEPTH 17,676			FL TEMP 136.00			WATER 17.00 (%)		OIL 61.00 (%)		SAND (%)							
GELS ( 8.0/14.0				Filter Cak 2.0 (32nd" )			HTHP 10.0			MW 12.55			VISC 55.00		TEMP 150.00		ECD 13.69							
PV/YP 22.0/10.0				MBT			pH		Pm		Pf		Mf		Cl-		Total Hard K+							
Lubricant %				ES 563.0			WPS 278,836			CaCl2 27.9			WATER 22.00 (%)		OIL 78.00 (%)		HGS 14.34 (%)							
LGS 5.90 (%)				SOLIDS 22.00 (%)			H2S (ppm )			6/3 7.00 / 6.00														
COMMENTS																								
MUD GAS DATA																								
CONNECTION MAX					1,226.00			TRIP MAX					0.00			BACKGROUND MAX 600.00								
CURRENT BHA																								
DESCRIPTION			NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE	
			6		13,981.99		1,021.00				270.00		118.00		200.0		16,000.0							
Heavy Weight Drill Pipe			0		1,396.53		15 stands of 4.5" HWDP											5.500		2.25				
Drill Pipe			1		11,613.00		123 stands of 4.5" DP											5.250		3.00				
Underreamer			2		8.45		DRILL N REAM											5.188		3.00				
Drill Pipe			3		848.64		4.5" RENTAL DRILL PIPE											5.250		3.00				
Cross Over			4		3.58		XT39 X D425 CROSS OVER											5.313		2.25				
Filter			5		3.49		FILTER SUB											5.250		2.50				
Cross Over			6		3.20		4FH X XT39 CROSS OVER											5.250		2.94				
Non-Mag Drill Collar			7		30.11		5" NMDC											5.000		2.69				
Hang-Off Sub			8		5.64		5" PULSER SUB											5.125		2.63				
Non-Mag Drill Collar			9		29.80		5" NMDC											5.000		2.69				
Cross Over			10		4.13		XT39 X 4FH CROSS OVER											5.188		2.25				
Float Sub			11		4.12		DOUBLE FLOAT SUB											5.188		2.25				
Bent Housing			12		30.30		5" MPACT 6/7 8.0 FXD @ 2.0° SLICK											5.000						
Polycrystalline Diamond Bit			13		1.00		BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA											6.750						
BHA HRS			134.92		MTR HRS			134.92																
JAR HRS					MWD Hrs			134.92																
OPERATIONS (00:00)																								
OPERATION COMMENT					DRLG AHEAD IN 6 3/4" LATERAL F/ 16,850' T/ 17163', WORK ON T.D. COULD NOT BREAK OUT STAND, OPEN GRABBER BOX AND BREAK OUT WITH RIG TONGS, DRLG AHEAD T/ 17,665 PERFORMED RIG SERVICE, DRLG AHEAD T/ 17,871 AT MIDNIGHT																			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																	

OPERATIONS (00:00)							
OPERATION COMMENT				DRLG AHEAD IN 6 3/4" LATERAL F/ 16,850' T/ 17163', WORK ON T.D. COULD NOT BREAK OUT STAND, OPEN GRABBER BOX AND BREAK OUT WITH RIG TONGS, DRLG AHEAD T/ 17,665 PERFORMED RIG SERVICE, DRLG AHEAD T/ 17,871 AT MIDNIGHT			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:15	16,850.00	17,163.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 16,850' T/ 17,163' FOOTAGE: 313' ft, AVG ROP: 50.08 FPH SLIDE- 15.0'= 4.79% 300 GPM, 600-900 DIFF, WOB 26K 4,800 PSI ON BTM , 4,150 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 14K ON BTM, 8K OFF BTM, PU WT- 287K, SO WT- 119K, ROT WT- 215K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 17,100', INC: 89.29, AZM: 165.00°, TVD: 11171.42' VS: 6,248.76, DLS 3.16 PLAN: 1.0' ABOVE AND 31.0 LEFT  UPDATED TARGET @ 16,854': Tolerance +/- 8' MD: TVD: INC: 17000 11173 87.0 17500 11180 89.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
06:15	07:45	17,163.00	17,163.00	21	NP	DRLPRO	WORK ON T.D. COULD NOT BREAK OUT STUMP, OPEN GRABBER BOX AND BREAK OUT WITH RIG TONGS NOTE: ATTEMPT TO BREAK OUT OF STUMP NO LUCK SAVER SUB BROKE AT IBOP C/O DIE BLOCK RE TORQUE SAVER SUB INSTALL COMPRESSION RING INSP PIN ON SAVE SUB ( GOOD ) CHECK TORQUE ON TOP DRIVE AGAINST RIG TONGS ( GOOD )
07:45	17:00	17,163.00	17,665.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 17,163' T/ 17,665' FOOTAGE: 502 ft, AVG ROP: 54.27 FPH SLIDE- 27.0'= 5.38% 300 GPM, 600-900 DIFF, WOB 26K 4,800 PSI ON BTM , 4,050 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 15K ON BTM, 8K OFF BTM, PU WT- 290K, SO WT- 118K, ROT WT- 215K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 17,572', INC: 90.34°, AZM: 166.03°, TVD: 11165.84' VS: 6,720.55, DLS 1.91 PLAN: 1.0' BELOW AND 21.0 LEFT  UPDATED TARGET @ 17,514': Tolerance +/- 8' MD: TVD: INC: 17500 11180 89.0 18000 11179 88.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
17:00	17:30	17,665.00	17,665.00	07	P	DRLPRO	PERFORMED RIG SERVICE  NOTE: GREASE CROWN, BLOCKS, TOP DRIVE, ST-80 PERFORM DROPS INSPECTION, INSPECT TOP DRIVE TRACK
17:30	00:00	17,665.00	17,871.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 17,665' T/ 17,871' FOOTAGE: 206 ft, AVG ROP: 31.69 FPH SLIDE- 43.0'= 20.33% = 14.33 FPH 300 GPM, 600-900 DIFF, WOB 26K 4,950 PSI ON BTM , 4,150 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 16K ON BTM, 8K OFF BTM, PU WT- 270K, SO WT- 118K, ROT WT- 200K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 17,855', INC: 89.16°, AZM: 164.12°, TVD: 11162.59' VS: 6,426.01, DLS 3.48 PLAN: 10.0' ABOVE AND 9.0' LEFT  UPDATED TARGET @ 17,514': Tolerance +/- 8' MD: TVD: INC: 17500 11180 89.0 18000 11179 88.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP





H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 14.33  
DOL: 46.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
STAYING FOCUSED ON FIRST DAY BACK, FLUID TRANSFER, PROPPER PPE

OBSERVATIONS:  
RTM WAS DOING A HAZARD HUNT AND FOUND A FRADED LIFTING STRAP AND REMOVED FROM SERVICE

NPT DAILY: 1.5 HRS DUE TO NOT BEING ABLE TO BREAK OUT OF THE STUMP, OPEN GRABBER BOX AND BREAK OUT WITH RIG TONGS  
NPT TOTAL: 16.25 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 16,850' T/ 17163', WORK ON T.D. COULD NOT BREAK OUT STUMP, OPEN GRABBER BOX AND BREAK OUT WITH RIG TONGS,  
DRLG AHEAD T/ 17,665, PERFORMED RIG SERVICE, DRLG AHEAD T/ 17,871 AT MIDNIGHT

POST MIDNIGHT:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 17,871' T/ 18,130'

CURRENT OPS:  
DRILLING 6 3/4" LATERAL @ 18,130'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 1,021'  
ROP: 45.4' FPH

ROTATE: 938' @ 91.87 %  
SLIDE: 83' @ 8.13 %

LAST SURVEY:  
SD: 17797  
INC: 89.16  
AZM: 164.12  
TVD: 11161.74  
N/S -6370.23  
E/W 2961.11  
VS: 6945.26  
DLS: 3.48

BIT PROJECTION:  
BD: 17855  
INC: 89.16  
AZM: 164.12  
TVD 11162.59  
N/S 6426.01  
E/W -2976.98  
VS 7003.26  
Above/Below: 10.0' ABOVE  
Left/Right: 9.0 LEFT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/14/20 18:00  
MUD WT= 12.5+  
VIS= 54  
6 RPM=7  
3 RPM=6  
PV= 22  
YP= 10  
HTHP= 10.0  
OWR= 78/22  
EX LIME= 3.17  
CHL= 42,000  
WPS= 278,836  
ES= 563  
LGS= 5.90  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 17,700' 100% SH, TR% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 0 BBLS / TOTAL - 2037 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 1.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 11.0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A

BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	5,719.91	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	8,431.68	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8166	DYED DIESEL	Pilot Thomas Logistics	6,695.23	4906 GALS OF RIG FUEL
	0650	8167	DYED DIESEL-MUD TANKS	Pilot Thomas Logistics	3,417.69	2499 GALS OF MUD FUEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	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)	Quail Tools LP	2,700.00	2700 A DAY RENTAL ON 4.5 DP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	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	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	835.00	SWAPPED DUMPSTER
	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)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision Days Bryon Ence
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Days Jaime Castillo
	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
			Daily Total	77,218.73	Daily Mud Cost	12,718.95
			Cumulative Total	2,024,446.84	Cumulative Mud Cost	151,854.09

NPT SUMMARY				
Start date/time	End date/time	Title	Description	Duration (hr)
10/14/2020 6:15:00AM	10/14/2020 7:45:00AM	WORK ON T.D. COULD NOT BREAK OUT STAND, OPEN GRABBER BOX AND BREAK OUT WITH RIG TONGS NOTE: ATTEMPT TO BREAK OUT OF STUMP NO LUCK SAVER SUB BROKE AT IBOP C/O DIE BLOCK RE TORQUE SAVER SUB INSTALL COMPRESSION RING INSP PIN ON SAVE SUB ( GOOD ) CHECK TORQUE ON TOP DRIVE AGAINST RIG TONGS ( GOOD )	WORK ON T.D. COULD NOT BREAK OUT STAND, OPEN GRABBER BOX AND BREAK OUT WITH RIG TONGS NOTE: ATTEMPT TO BREAK OUT OF STUMP NO LUCK SAVER SUB BROKE AT IBOP C/O DIE BLOCK RE TORQUE SAVER SUB INSTALL COMPRESSION RING INSP PIN ON SAVE SUB ( GOOD ) CHECK TORQUE ON TOP DRIVE AGAINST RIG TONGS ( GOOD )	1.50

WPX Energy

Daily Drilling Report

WELL NAME:	UL MCNASSER 0201-17 2H	AFE #:	200855	AFE \$:	3,325,047	LANDING PNT	10,550(usl)	REPORT#:	17	DATE:	10/15/2020						
FIELD:	PHANTOM	SIDETRACK:	00	DAILY COST \$:	60,793	LATERAL SEC:		DFS:	15.33								
EVENT:	DRILLING	LOCATION:		CUM COST \$:	2,085,240	TD (MD):	18,177.0	LITHOLOGY:									
OBJECTIVE:	DEVELOPMENT	CTY,ST:	WARD,TEXAS	APi: 42-475-38146		TD (TVD):	11,168.0	FORMATION:		WOLFCAMP							
ENGINEER:	Luke McDougal	ROT HRS:	6.50			SPUD DATE::	9/2/2020	DIESEL (MUD DIESEL):	1,712	/	12,967						
TODAY'S DEPTH:	18,177 (usft )	CUM ROT:	234.75	+/- PLAN:		RR DATE :		DIESEL (RIG FUEL):	7,138	/	34,126						
								NAT GAS (DGE):	0.00	/	0.00						
PREV. DEPTH:	17,871 (usft )			RIG::	H&P 314			SUPERVISOR:	Jaime Castillo								
PROGRESS:	306 (usft )	WEATHER: TODAY: CLEAR CURRENTLY ITS 57 THE HIGH WILL BE 72						SUPERVISOR PH. #:	432 848 5217								
PRESENT OPERATION:	TIH AT 14,800'																
OPERATION FORECAST:	P/U 6 3/4 LATERAL BHA, TIH T 17,100', WASH AND REAM F/ 17,100 T/ 18,177'( DUE T/ MOVING REAMER TO TOP OF BHA ) DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD									
LAST CASING:	7.625(in)	ST WT UP	290.0	PRESS	4,150.00	LOSS TIME (hrs):	23.25	BIT #	6	RPM	297						
DEPTH:	10,550(usft)	ST WT DN	118.0	RATE	300.0	LOSS TIME INC:	7.00	SIZE	6-3/4 (")	HHP	72.80						
LAST BOP:	10/9/2020	ST WT ROT	200.0	DP AV		NEAR MISSES:	0.00	TYPE	DD306TWX	P BIT	410.84						
LOT EMW:		TQ ON BTM	16,000.0	DC AV		24 HR RIG DOWN:	0.00	JETS	3-10, 3-11								
WEIGHT LB/FT:	29.70(ppf)	TQ OFF BTM	8,000.0			CUM RIG DOWN	2.25	DEPTH IN	10,565.0								
CONN:	BTC							DEPTH OUT	18,177								
PUMP DATA								ROP-last 24 I				47.1					
PUMP #	MANU		LINER		STROKE		PRESSURE		GPM		CUM. FT	7,612.0					
1	GARDENER-DENVER		5.000		11		4,950.00		151.9		CUM. HRS	137.75					
2	GARDENER-DENVER				11						ROP/Cum-ent	55.3					
3	GARDENER-DENVER		5.000		11		4,950.00		151.9		WOB	26.0-26.0					
SURVEY DATA								DULL CONDITION									
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	I	O	D	L	B	R	G	T		
18,080.00	92.48	166.43	11,172.23	-6,642.21	3,037.99	-6,642.21	7.79	1	3	CT	S	X	BHA	I	1-3		
17,986.00	86.02	162.98	11,171.00	-6,551.61	3,013.21	-6,551.61	1.69										
17,892.00	86.80	164.37	11,165.11	-6,461.58	2,986.84	-6,461.58	2.50										
17,797.00	89.16	164.12	11,161.77	-6,370.21	2,961.07	-6,370.21	3.48										
17,702.00	91.74	166.19	11,162.51	-6,278.40	2,936.73	-6,278.40	1.17										
MUD DATA																	
Date: 10/15/2020 6:00:00PM	MUD TYPE INVERT		CHECK DEPTH 18,177		FL TEMP		WATER 16.00 (%)		OIL 62.00 (%)		SAND (%)						
GELS ( 9.0/15.0	Filter Cak 2.0 (32nd" )		HTHP 10.0		MW 12.50		VISC 61.00		TEMP 150.00		ECD						
PV/YP 23.0/10.0	MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+						
Lubricant %	ES 580.0		WPS 281,222		CaCl2 28.1		WATER 21.00 (%)		OIL 79.00 (%)		HGS 14.52 (%)						
LGS 5.80 (%)	SOLIDS 22.00 (%)		H2S (ppm )		6/3 7.00 / 6.00												
COMMENTS																	
MUD GAS DATA																	
CONNECTION MAX			1,319.00			TRIP MAX			0.00			BACKGROUND MAX			647.00		
CURRENT BHA																	
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
		7	12,597.15														
Heavy Weight Drill Pipe		0	1,396.53	4.5" RENTAL HWDP D425						5.250	2.25						
Drill Pipe		1	8,686.14	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Aggitator		2	22.68	AGGITATOR						5.063	2.25						
Drill Pipe		3	2,266.80	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Drill Pipe		4	63.00	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Underreamer		5	8.45	DRILL N REAM						5.188	3.13						
Drill Pipe		6	31.56	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Cross Over		7	3.52	XT39 X D425 CROSSOVER						5.188							
Cross Over		8	3.30	5" FILTER SUB						5.250	2.25						
Cross Over		9	3.98	4FH X XT39 CROSS OVER						5.188	2.25						
Non-Mag Drill Collar		10	30.07	5" NMDC						5.125	2.69						
Hang-Off Sub		11	5.80	5" PULSER SUB						5.188	2.69						
Non-Mag Drill Collar		12	29.26	5" NMDC						5.000	2.69						
Cross Over		13	3.38	XT39 X 4FH CROSS OVER						5.000	2.25						
Float Sub		14	3.98	DOUBLE FLOAT SUB						5.125	2.25						
Integral Blade Stabilizer		15	5.17	6.5 STABILZER						5.000	2.00						
Bent Housing		16	32.53	5" MPACT 6/7 8.8 FXD @ 1.75° SLICK						4.938							
Polycrystalline Diamond Bit		17	1.00	BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.51 TFA						6.750							
		6	13,981.99	306.00		290.00	118.00	200.0	16,000.0								
Heavy Weight Drill Pipe		0	1,396.53	15 stands of 4.5" HWDP						5.500	2.25						
Drill Pipe		1	11,613.00	123 stands of 4.5" DP						5.250	3.00						
Underreamer		2	8.45	DRILL N REAM						5.188	3.00						
Drill Pipe		3	848.64	4.5" RENTAL DRILL PIPE						5.250	3.00						
Cross Over		4	3.58	XT39 X D425 CROSS OVER						5.313	2.25						
Filter		5	3.49	FILTER SUB						5.250	2.50						
Cross Over		6	3.20	4FH X XT39 CROSS OVER						5.250	2.94						
Non-Mag Drill Collar		7	30.11	5" NMDC						5.000	2.69						
Hang-Off Sub		8	5.64	5" PULSER SUB						5.125	2.63						
Non-Mag Drill Collar		9	29.80	5" NMDC						5.000	2.69						
Cross Over		10	4.13	XT39 X 4FH CROSS OVER						5.188	2.25						
Float Sub		11	4.12	DOUBLE FLOAT SUB						5.188	2.25						
Bent Housing		12	30.30	5" MPACT 6/7 8.0 FXD @ 2.0° SLICK						5.000							
Polycrystalline Diamond Bit		13	1.00	BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA						6.750							
BHA HRS		9.17	MTR HRS		9.17												
JAR HRS				MWD Hrs		9.17											
OPERATIONS (00:00)																	
OPERATION COMMENT																	
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS										

Printed: 10/16/2020 5:43:10AM

OPERATIONS (00:00)							
OPERATION COMMENT							
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:30	17,871.00	18,177.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 17,871' T/ 18,177' FOOTAGE: 306 ft, AVG ROP: 47.07FPH SLIDE- 44.0'= 14.37% = 17.6 FPH 300 GPM, 600-900 DIFF, WOB 26K 4,950 PSI ON BTM , 4,000 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 16K ON BTM, 8K OFF BTM, PU WT- 290K, SO WT- 118K, ROT WT- 200K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 18,138', INC: 92.48°, AZM: 166.43°, TVD: 11169.68' VS: 7,285.80, DLS 7.79 PLAN: 10.0' ABOVE AND 7' LEFT  UPDATED TARGET @ 17,797': Tolerance +/- 8' MD: TVD: INC: 18500 11197 88.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
06:30	08:15	18,177.00	18,177.00	05	P	DRLPRO	CIRCULATE AND CONDITION HOLE IN PREPERATION TO TOOH TO CHANGE OUT BHA GPM:300, PUMP PSI: 4,100 P/U 290 S/O 170 ROT 196 BEFORE P/U 271 S/O 175 ROT 206 AFTER PREP: TOOH, WHILE FILLING TRIP TANKS NOTE: FLOW CHECK WELL WELL STATIC SHUT IN CSG PSI= 0.0 PSI
08:15	12:00	18,177.00	18,177.00	06	P	DRLPRO	TOOH IN PREPARATION TO CHANGE OUT BHA DUE TO LOW ROP F/ 18,177' T/ 10,382' MAX P/U OFF BTM 410K AVG P/U 330 (PULL TIGHT @ 17,100') NOTE: PULLED FIRST 5 STANDS WET PUMPED SLUG PUMPING 23 STKS FIRST 5 STAND PULL AND 10 STKS AFTER PUMPING SLUG WHILE MAINTAINING 300 PSI ON BACK SIDE TRIP SPEED=2,078 FPH
12:00	12:30	18,177.00	18,177.00	09	P	DRLPRO	PJSM AND FLEX CHECK SLIP AND CUT 131' OF DRILL LINE
12:30	14:30	18,177.00	18,177.00	06	P	DRLPRO	TOOH IN PREPARATION TO CHANGE OUT BHA F/ 10,382' T/ 1,004' NOTE: MONITOR WELL ON TRIP TANK. HOLE TAKING PROPER FILL TRIP SPEED= 4,689' FPH PULLED SLICK NO ISSUES
14:30	15:00	18,177.00	18,177.00	21	P	DRLPRO	PULL ROT INSTALL TRIP NIPPLE
15:00	15:15	18,177.00	18,177.00	06	P	DRLPRO	TOOH IN PREPARATION TO CHANGE OUT BHA F/ 1,004' T/ 116'( BHA)  NOTE: MONITOR WELL ON TRIP TANK. HOLE TAKING PROPER FILL TRIP SPEED= 1,776' FPH PULLED SLICK NO ISSUES
15:15	15:45	18,177.00	18,177.00	06	P	DRLPRO	HELD PJSM ON L/D DIR TOOLS R/B & L/D SAME AS FOLLOWS: F/ 116' T/ 0 PULL MWD, DRAIN MOTOR, BREAK BIT 1- 5.25" NON MAG DRILL COLLAR 1- 5" UBHO SUB 1- 5.25" MWD / NON MAG DRILL COLLAR 1- 5" DOUBLE FLOAT SUB 1- 5" MPACT 6/7 LOBE, 8.0 STG, SLICK, 2.0 FBH, .79 RPG, SER#56D1024DLE BIT- BAKER DD306 TWX , SN #5309774, TFA= .49 NOTE: BIT GRADED 1-3-CT-S-X-I-FC-BHA MUD MOTOR DRAIN GOOD, NO SQUAT, BIT BOX TIGHT
15:45	16:30	18,177.00	18,177.00	06	P	DRLPRO	HPJSMTG P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY AS FOLLOWS: F/ RKB T/ 119" 45- 4.5" HWDP ( 15 STANDS ) 267- 4.5" DP ( 89 STANDS ) 1- 5" AGITATOR 72- 4.5" DP ( 34 STANDS ) 2- 4.5" DP 1- 5.25" DRILL-N-REAM ( 6-13/16") 1- 4.5" DP 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X D425 BOX 1-5" FILTER SUB 1- 5.8125" BOTTLE NECK X-OVER 4FH PIN X XT39 BOX 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" MWD / PULSER SUB 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X 4FH BOX 1- 5.25" 6-1/2" SPIRAL STABILIZER W/ FLOAT 1- 5.0" DOUBLE FLOAT SUB 1- 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°FBH, SLICK SLEEVE, .68 RPG, MUD MOTOR BIT- BAKER DD306TWX, 3X11s- 3X10s TFA= .51
16:30	16:45	18,177.00	18,177.00	10	P	DRLPRO	SHALLOW HOLE TEST MWD AND MOTOR 120 SPM = 316 GPM = 2,000' PSI MWD HAD 146 LB PULSES, GOOD TEST FLOW RANGE ON MOTOR AND MWD 150-400 GPM MAX DIFF ON MOTOR = 1,200' PSI MWD CROSS OVER F/ MAGNETIC TO GRAVITY SET AT 3°

OPERATIONS (00:00)							
OPERATION COMMENT							
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
16:45	17:30	18,177.00	18,177.00	06		DRLPRO	TIH W/ 6 3/4" LATERAL ASSEMBLY F/ BHA' T/ 2,488' NOTE: MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 3,317' FPH NO ISSUES
17:30	18:00	18,177.00	18,177.00	06	P	DRLPRO	P/U AGITATOR @ 2,500 NOTE: PIS BEFORE 1,900' PSI AFTER 2,600' 550 PSI PRESSURE DROP MWD PULSE BEFORE= 165# MWD PULSE AFTER= 82 #
18:00	20:00	18,177.00	18,177.00	06	P	DRLPRO	TIH W/ 6 3/4" LATERAL ASSEMBLY F/ 2,500' T/ 5,391' NOTE: MONITOR WELL ON TRIP TANK FILLING DRILL STRING EVERY 30 STDS HOLE WAS NOT DISPLACING CORRECT CAL DISP=9.5 BBLS , ACTUL 5 BBLS PER STAND,WHEN PIPE WAS FILLED IT ONLY TOOK 5 BBLS TO FILL PIPE( CAL FILL =30 BBLS), CALL WAS MADE AND DECISION WAS TO CLOSE THE ANNULAR AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION , BROUGHT PUMP ON LINE TO 300 PSI AND FLUID CAME OUT OF THE D.P., CALL WAS MADE TO TOOH AND CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASH OUT WAS FOUND TRIP SPEED= 1,927' FPH NO ISSUES
20:00	00:00	18,177.00	18,177.00	06	NP	DRLPRO	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO BHA IF NO WASHOUT WAS FOUND BREAK DOWN BHA TO THE FLOAT SUB AND CHECK FOR FLOAT FAILURE ***** IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)*****





H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 15.33  
DOL: 47.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
TRIPPING OPS, WORKING BHA, ST-80 OPS, HAND AND BODY PLACEMENT

OBSERVATIONS:  
RTM FOUND ELEVATOR LATCH SPRING TO BE SPRUNG LEAVING THE LATCH ON ELEVATOR DOOR LOOSE, ELEVATORS WERE CHANGED OUT, GREAT CATCH

NPT DAILY: 4.0 HRS DUE TO TOO H CHECKING FOR WASH OUT OR OAT FAILURE (FLOAT FAILURE WAS FOUND)  
NPT TOTAL: 20.25 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 17,871' T/ 18,177', CIR & COND, CATCH SURVEY, FILL TRIP TANKS, PREPARE TO TRIP OUT OF HOLE TO P/U LATERAL BHA, FLOW CHECK (WELL STATIC),TOOH F/ 18,177' T/ 10,382' HOLDING 300 PSI ON BACKSIDE W/ ORBIT VALVE CLOSED,SLIP AND CUT DILL LINE, TOO H F/ 10,382' T/ 1,004' HOLDING 300 PSI ON BACKSIDE W/ ORBIT VALVE CLOSED FLOW CHECK WELL STATIC PULL ROT HEAD AND INSTALL TRIP NIPPLE TOO H T/ 116 DIR. BHA, HELD PJSMTG ON R/B & L/D DIR TOOLS R/B & L/D SAME, BIT GRADED 1-3-CT-S-X-I-FC-BHA, MUD MOTOR DRAIN GOOD, NO SQUAT, BIT BOX TIGHT, P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY F/ O T/119 '( 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°FBH, SLICK SLEEVE, .68 RPG, MUD MOTOR 56D1006RDLE, BAKER DD306TWX, 3X11s- 3X10s TFA= .51), SHALLOW HOLE TEST MWD AND MOTOR( 146 LB PULSES ), TIH F/ 119' T/ 2,500', P/U AGITATOR @ 2,511( PLATE 1.45, PSI BEFORE 1900', PSI AFTER 2,600', 700 PSI PRESSURE DROP, MWD PULSE BEFORE 165#, MWD PULSE AFTER 82#, TIH T/ 5,391'(HOLE WAS NOT DISPLACING CORRECT CAL DISP=9.5 BBLS , ACTAUL 5 BBLS PER STAND,WHEN PIPE WAS FILLED IT ONLY TOOK 5 BBLS TO FILL PIPE( CAL FILL =30 BBLS), CALL WAS MADE AND DECISION WAS T O CLOSE THE ANNULAR AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION , BROUGHT PUMP ON LINE T O 300 PSI AND FLUID CAME OUT OF THE D.P., CALL WAS MADE TO TOO H AND CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE T O 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASH OUT WAS FOUND),TOOH F/ 5,391' T/ 42' ( FLOAT SUB ),CHECKING FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO BHA IF NO WASHOUT WAS FOUND BREAK DOWN BHA TO THE FLOAT SUB AND CHECK FOR FLOAT FAILURE( IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN, REPLACED BOTH FLOATS) AT MIDNIGHT

POST MIDNIGHT:  
P/U BHA, TIH T/ 2500', P/U AGITATOR( CHECK PRESSURE BEFORE AND AFTER AND CHECK FOR COMMUNICATION PRESSURE UP ON BACK SIDE TO 250, NO COMMUNICATION), TIH T/ 14,800'

CURRENT OPS:  
TIH AT 14,800'

24 HOUR FORECAST:  
TIH T 17,100', WASH AND REAM F/ 17,100 T/ 18,177'( DUE T/ MOVING REAMER TO TOP OF BHA ) DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 306'  
ROP: 47.1' FPH

ROTATE: 262' @ 85.62 %  
SLIDE: 44' @ 14.38 %

LAST SURVEY:  
SD: 18080  
INC: 92.48  
AZM: 166.43  
TVD: 11172.19  
N/S -6642.23  
E/W 3038.02  
VS: 7227.92  
DLS: 7.79

BIT PROJECTION:  
BD: 18138  
INC: 92.48  
AZM: 166.43  
TVD 11169.68  
N/S 6698.56  
E/W -3051.62  
VS 7285.80  
Above/Below: 10.0' ABOVE  
Left/Right: 7.0 LEFT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/15/20 18:00  
MUD WT= 12.5  
VIS= 62  
6 RPM=7  
3 RPM=6  
PV= 23  
YP= 10  
HTHP= 10.0  
OWR= 79/21  
EX LIME= 3.24  
CHL= 40,000  
WPS= 281,222  
ES= 580  
LGS= 5.80  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 18,100' 95% SH, 5% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLs / TOTAL – 0.0 BBLs  
FRESHWATER: DAILY - 0 BBLs / TOTAL - 2037 BBLs  
BRINE: DAILY – 0 BBLs / TOTAL – 110 BBLs

DISPOSAL:  
DAILY DISPOSAL: 0 BBLs  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLs  
CUTTING SOLIDS DISPOSAL: 1.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 12.0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	4,503.19	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	4,170.69	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	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)	Quail Tools LP	2,700.00	2700 A DAY RENTAL ON 4.5 DP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	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)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	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)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	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	AIP	1,400.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision Days Bryon Ence
			Daily Total	60,793.10	Daily Mud Cost	5,040.27
			Cumulative Total	2,085,239.95	Cumulative Mud Cost	156,894.36

NPT SUMMARY				
Start date/time	End date/time	Title	Description	Duration (hr)
10/15/2020 8:00:00PM	10/16/2020 12:00:00AM	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASHOUT WAS FOUND  IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASHOUT WAS FOUND  IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)	4.00

WPX Energy																							
Daily Drilling Report																							
WELL NAME:	UL MCNASSER 0201-17 2H		AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	17	DATE:	10/15/2020								
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	60,793		LATERAL SEC:			DFS:	15.33										
EVENT:	DRILLING		LOCATION:			CUM COST \$:	2,085,240		TD (MD):	18,177.0		LITHOLOGY:											
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		APi: 42-475-38146		TD (TVD):		11,168.0		FORMATION:		WOLFCAMP									
ENGINEER:	Luke McDougal		ROT HRS:	6.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		1,712 / 12,967									
TODAY'S DEPTH:		18,177 (usft )	CUM ROT:	234.75		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		7,138 / 34,126							
													NAT GAS (DGE):		0.00 / 0.00								
PREV. DEPTH:		17,871 (usft )				RIG::		H&P 314				SUPERVISOR:		Jaime Castillo									
PROGRESS:		306 (usft )	WEATHER: TODAY: CLEAR CURRENTLY ITS 57 THE HIGH WILL BE 72										SUPERVISOR PH. #:		432 848 5217								
PRESENT OPERATION:		TIH AT 14,800'																					
OPERATION FORECAST:		P/U 6 3/4 LATERAL BHA, TIH T 17,100', WASH AND REAM F/ 17,100 T/ 18,177'( DUE T/ MOVING REAMER TO TOP OF BHA ) DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																					
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD												
LAST CASING:		7.625(in)	ST WT UP		290.0	PRESS	4,150.00		LOSS TIME (hrs):		23.25		BIT #		6	RPM	297						
DEPTH:		10,550(usft)	ST WT DN		118.0	RATE	300.0		LOSS TIME INC:		7.00		SIZE		6-3/4 (")		HHP	72.80					
LAST BOP:		10/9/2020	ST WT ROT		200.0	DP AV			NEAR MISSES:		0.00		TYPE		DD306TWX		P BIT	410.84					
LOT EMW:			TQ ON BTM		16,000.0	DC AV			24 HR RIG DOWN:		0.00		JETS		3-10, 3-11								
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM		8,000.0				CUM RIG DOWN		2.25		DEPTH IN		10,565.0								
CONN:		BTC											DEPTH OUT		18,177								
PUMP DATA																							
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM		ROP-last 24 I		47.1								
1		GARDENER-DENVER			5.000		11		4,950.00		151.9		CUM. FT		7,612.0								
2		GARDENER-DENVER					11						CUM. HRS		137.75								
3		GARDENER-DENVER			5.000		11		4,950.00		151.9		ROP/Cum-ent		55.3								
SURVEY DATA																							
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS									
18,080.00		92.48		166.43		11,172.23		-6,642.21		3,037.99		-6,642.21		7.79									
17,986.00		86.02		162.98		11,171.00		-6,551.61		3,013.21		-6,551.61		1.69									
17,892.00		86.80		164.37		11,165.11		-6,461.58		2,986.84		-6,461.58		2.50									
17,797.00		89.16		164.12		11,161.77		-6,370.21		2,961.07		-6,370.21		3.48									
17,702.00		91.74		166.19		11,162.51		-6,278.40		2,936.73		-6,278.40		1.17									
MUD DATA																							
Date: 10/15/2020 6:00:00PM		MUD TYPE INVERT			CHECK DEPTH 18,177		FL TEMP		WATER 16.00 (%)		OIL 62.00 (%)		SAND (%)										
GELS ( 9.0/15.0		Filter Cak 2.0 (32nd" )			HTHP 10.0		MW 12.50		VISC 61.00		TEMP 150.00		ECD										
PV/YP 23.0/10.0		MBT			pH Pm		Pf Mf		Cl-		Total Hard		K+										
Lubricant %		ES 580.0			WPS 281,222		CaCl2 28.1		WATER 21.00 (%)		OIL 79.00 (%)		HGS 14.52 (%)										
LGS 5.80 (%)		SOLIDS 22.00 (%)			H2S (ppm )		6/3 7.00 / 6.00																
COMMENTS																							
MUD GAS DATA																							
CONNECTION MAX				1,319.00				TRIP MAX				0.00				BACKGROUND MAX				647.00			
CURRENT BHA																							
DESCRIPTION		NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE	
		7		12,597.15																			
Heavy Weight Drill Pipe		0		1,396.53		4.5" RENTAL HWDP D425												5.250		2.25			
Drill Pipe		1		8,686.14		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Aggitator		2		22.68		AGGITATOR												5.063		2.25			
Drill Pipe		3		2,266.80		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Drill Pipe		4		63.00		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Underreamer		5		8.45		DRILL N REAM												5.188		3.13			
Drill Pipe		6		31.56		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Cross Over		7		3.52		XT39 X D425 CROSSOVER												5.188					
Cross Over		8		3.30		5" FILTER SUB												5.250		2.25			
Cross Over		9		3.98		4FH X XT39 CROSS OVER												5.188		2.25			
Non-Mag Drill Collar		10		30.07		5" NMDC												5.125		2.69			
Hang-Off Sub		11		5.80		5" PULSER SUB												5.188		2.69			
Non-Mag Drill Collar		12		29.26		5" NMDC												5.000		2.69			
Cross Over		13		3.38		XT39 X 4FH CROSS OVER												5.000		2.25			
Float Sub		14		3.98		DOUBLE FLOAT SUB												5.125		2.25			
Integral Blade Stabilizer		15		5.17		6.5 STABILZER												5.000		2.00			
Bent Housing		16		32.53		5" MPACT 6/7 8.8 FXD @ 1.75° SLICK												4.938					
Polycrystalline Diamond Bit		17		1.00		BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.51 TFA												6.750					
		6		13,981.99		306.00				290.00		118.00		200.0		16,000.0							
Heavy Weight Drill Pipe		0		1,396.53		15 stands of 4.5" HWDP												5.500		2.25			
Drill Pipe		1		11,613.00		123 stands of 4.5" DP												5.250		3.00			
Underreamer		2		8.45		DRILL N REAM												5.188		3.00			
Drill Pipe		3		848.64		4.5" RENTAL DRILL PIPE												5.250		3.00			
Cross Over		4		3.58		XT39 X D425 CROSS OVER												5.313		2.25			
Filter		5		3.49		FILTER SUB												5.250		2.50			
Cross Over		6		3.20		4FH X XT39 CROSS OVER												5.250		2.94			
Non-Mag Drill Collar		7		30.11		5" NMDC												5.000		2.69			
Hang-Off Sub		8		5.64		5" PULSER SUB												5.125		2.63			
Non-Mag Drill Collar		9		29.80		5" NMDC												5.000		2.69			
Cross Over		10		4.13		XT39 X 4FH CROSS OVER												5.188		2.25			
Float Sub		11		4.12		DOUBLE FLOAT SUB												5.188		2.25			
Bent Housing		12		30.30		5" MPACT 6/7 8.0 FXD @ 2.0° SLICK												5.000					
Polycrystalline Diamond Bit		13		1.00		BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.49 TFA												6.750					
BHA HRS		9.17		MTR HRS		9.17																	
JAR HRS				MWD Hrs		9.17																	
OPERATIONS (00:00)																							
OPERATION COMMENT																							
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																

OPERATIONS (00:00)							
OPERATION COMMENT							
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:30	17,871.00	18,177.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 17,871' T/ 18,177' FOOTAGE: 306 ft, AVG ROP: 47.07FPH SLIDE- 44.0'= 14.37% = 17.6 FPH 300 GPM, 600-900 DIFF, WOB 26K 4,950 PSI ON BTM , 4,000 PSI OFF RPM 50-60, TOTAL BIT RPM 287-297 TQ 16K ON BTM, 8K OFF BTM, PU WT- 290K, SO WT- 118K, ROT WT- 200K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 50  LAST SURVEY: (PTB) MD: 18,138', INC: 92.48°, AZM: 166.43°, TVD: 11169.68' VS: 7,285.80, DLS 7.79 PLAN: 10.0' ABOVE AND 7' LEFT  UPDATED TARGET @ 17,797': Tolerance +/- 8' MD: TVD: INC: 18500 11197 88.0  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
06:30	08:15	18,177.00	18,177.00	05	P	DRLPRO	CIRCULATE AND CONDITION HOLE IN PREPERATION TO TOOH TO CHANGE OUT BHA GPM:300, PUMP PSI: 4,100 P/U 290 S/O 170 ROT 196 BEFORE P/U 271 S/O 175 ROT 206 AFTER PREP: TOOH, WHILE FILLING TRIP TANKS NOTE: FLOW CHECK WELL WELL STATIC SHUT IN CSG PSI= 0.0 PSI
08:15	12:00	18,177.00	18,177.00	06	P	DRLPRO	TOOH IN PREPARATION TO CHANGE OUT BHA DUE TO LOW ROP F/ 18,177' T/ 10,382' MAX P/U OFF BTM 410K AVG P/U 330 (PULL TIGHT @ 17,100') NOTE: PULLED FIRST 5 STANDS WET PUMPED SLUG PUMPING 23 STKS FIRST 5 STAND PULL AND 10 STKS AFTER PUMPING SLUG WHILE MAINTAINING 300 PSI ON BACK SIDE TRIP SPEED=2,078 FPH
12:00	12:30	18,177.00	18,177.00	09	P	DRLPRO	PJSM AND FLEX CHECK SLIP AND CUT 131' OF DRILL LINE
12:30	14:30	18,177.00	18,177.00	06	P	DRLPRO	TOOH IN PREPARATION TO CHANGE OUT BHA F/ 10,382' T/ 1,004' NOTE: MONITOR WELL ON TRIP TANK. HOLE TAKING PROPER FILL TRIP SPEED= 4,689' FPH PULLED SLICK NO ISSUES
14:30	15:00	18,177.00	18,177.00	21	P	DRLPRO	PULL ROT INSTALL TRIP NIPPLE
15:00	15:15	18,177.00	18,177.00	06	P	DRLPRO	TOOH IN PREPARATION TO CHANGE OUT BHA F/ 1,004' T/ 116'( BHA)  NOTE: MONITOR WELL ON TRIP TANK. HOLE TAKING PROPER FILL TRIP SPEED= 1,776' FPH PULLED SLICK NO ISSUES
15:15	15:45	18,177.00	18,177.00	06	P	DRLPRO	HELD PJSM ON L/D DIR TOOLS R/B & L/D SAME AS FOLLOWS: F/ 116' T/ 0 PULL MWD, DRAIN MOTOR, BREAK BIT 1- 5.25" NON MAG DRILL COLLAR 1- 5" UBHO SUB 1- 5.25" MWD / NON MAG DRILL COLLAR 1- 5" DOUBLE FLOAT SUB 1- 5" MPACT 6/7 LOBE, 8.0 STG, SLICK, 2.0 FBH, .79 RPG, SER#56D1024DLE BIT- BAKER DD306 TWX , SN #5309774, TFA= .49 NOTE: BIT GRADED 1-3-CT-S-X-I-FC-BHA MUD MOTOR DRAIN GOOD, NO SQUAT, BIT BOX TIGHT
15:45	16:30	18,177.00	18,177.00	06	P	DRLPRO	HPJSMTG P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY AS FOLLOWS: F/ RKB T/ 119" 45- 4.5" HWDP ( 15 STANDS ) 267- 4.5" DP ( 89 STANDS ) 1- 5" AGITATOR 72- 4.5" DP ( 34 STANDS ) 2- 4.5" DP 1- 5.25" DRILL-N-REAM ( 6-13/16") 1- 4.5" DP 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X D425 BOX 1-5" FILTER SUB 1- 5.8125" BOTTLE NECK X-OVER 4FH PIN X XT39 BOX 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" MWD / PULSER SUB 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X 4FH BOX 1- 5.25" 6-1/2" SPIRAL STABILIZER W/ FLOAT 1- 5.0" DOUBLE FLOAT SUB 1- 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°FBH, SLICK SLEEVE, .68 RPG, MUD MOTOR BIT- BAKER DD306TWX, 3X11s- 3X10s TFA= .51
16:30	16:45	18,177.00	18,177.00	10	P	DRLPRO	SHALLOW HOLE TEST MWD AND MOTOR 120 SPM = 316 GPM = 2,000' PSI MWD HAD 146 LB PULSES, GOOD TEST FLOW RANGE ON MOTOR AND MWD 150-400 GPM MAX DIFF ON MOTOR = 1,200' PSI MWD CROSS OVER F/ MAGNETIC TO GRAVITY SET AT 3°

OPERATIONS (00:00)							
OPERATION COMMENT							
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
16:45	17:30	18,177.00	18,177.00	06		DRLPRO	TIH W/ 6 3/4" LATERAL ASSEMBLY F/ BHA' T/ 2,488' NOTE: MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 3,317' FPH NO ISSUES
17:30	18:00	18,177.00	18,177.00	06	P	DRLPRO	P/U AGITATOR @ 2,500 NOTE: PIS BEFORE 1,900' PSI AFTER 2,600' 550 PSI PRESSURE DROP MWD PULSE BEFORE= 165# MWD PULSE AFTER= 82 #
18:00	20:00	18,177.00	18,177.00	06	P	DRLPRO	TIH W/ 6 3/4" LATERAL ASSEMBLY F/ 2,500' T/ 5,391' NOTE: MONITOR WELL ON TRIP TANK FILLING DRILL STRING EVERY 30 STDS HOLE WAS NOT DISPLACING CORRECT CAL DISP=9.5 BBLS , ACTUL 5 BBLS PER STAND,WHEN PIPE WAS FILLED IT ONLY TOOK 5 BBLS TO FILL PIPE( CAL FILL =30 BBLS), CALL WAS MADE AND DECISION WAS TO CLOSE THE ANNULAR AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION , BROUGHT PUMP ON LINE TO 300 PSI AND FLUID CAME OUT OF THE D.P., CALL WAS MADE TO TOOH AND CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASH OUT WAS FOUND TRIP SPEED= 1,927' FPH NO ISSUES
20:00	00:00	18,177.00	18,177.00	06	NP	DRLPRO	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO BHA IF NO WASHOUT WAS FOUND BREAK DOWN BHA TO THE FLOAT SUB AND CHECK FOR FLOAT FAILURE ***** IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)*****





H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 15.33  
DOL: 47.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
TRIPPING OPS, WORKING BHA, ST-80 OPS, HAND AND BODY PLACEMENT

OBSERVATIONS:  
RTM FOUND ELEVATOR LATCH SPRING TO BE SPRUNG LEAVING THE LATCH ON ELEVATOR DOOR LOOSE, ELEVATORS WERE CHANGED OUT, GREAT CATCH

NPT DAILY: 4.0 HRS DUE TO TOO H CHECKING FOR WASH OUT OR OAT FAILURE (FLOAT FAILURE WAS FOUND)  
NPT TOTAL: 20.25 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 17,871' T/ 18,177', CIR & COND, CATCH SURVEY, FILL TRIP TANKS, PREPARE TO TRIP OUT OF HOLE TO P/U LATERAL BHA, FLOW CHECK (WELL STATIC),TOOH F/ 18,177' T/ 10,382' HOLDING 300 PSI ON BACKSIDE W/ ORBIT VALVE CLOSED,SLIP AND CUT DILL LINE, TOO H F/ 10,382' T/ 1,004' HOLDING 300 PSI ON BACKSIDE W/ ORBIT VALVE CLOSED FLOW CHECK WELL STATIC PULL ROT HEAD AND INSTALL TRIP NIPPLE TOO H T/ 116 DIR. BHA, HELD PJSMTG ON R/B & L/D DIR TOOLS R/B & L/D SAME, BIT GRADED 1-3-CT-S-X-I-FC-BHA, MUD MOTOR DRAIN GOOD, NO SQUAT, BIT BOX TIGHT, P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY F/ O T/119 '( 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5"FBH, SLICK SLEEVE, .68 RPG, MUD MOTOR 56D1006RDLE, BAKER DD306TWX, 3X11s- 3X10s TFA= .51), SHALLOW HOLE TEST MWD AND MOTOR( 146 LB PULSES ), TIH F/ 119' T/ 2,500', P/U AGITATOR @ 2,511( PLATE 1.45, PSI BEFORE 1900', PSI AFTER 2,600', 700 PSI PRESSURE DROP, MWD PULSE BEFORE 165#, MWD PULSE AFTER 82#, TIH T/ 5,391'(HOLE WAS NOT DISPLACING CORRECT CAL DISP=9.5 BBLS , ACTAUL 5 BBLS PER STAND,WHEN PIPE WAS FILLED IT ONLY TOOK 5 BBLS TO FILL PIPE( CAL FILL =30 BBLS), CALL WAS MADE AND DECISION WAS T O CLOSE THE ANNULAR AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION , BROUGHT PUMP ON LINE T O 300 PSI AND FLUID CAME OUT OF THE D.P., CALL WAS MADE TO TOO H AND CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE T O 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASH OUT WAS FOUND),TOOH F/ 5,391' T/ 42' ( FLOAT SUB ),CHECKING FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO BHA IF NO WASHOUT WAS FOUND BREAK DOWN BHA TO THE FLOAT SUB AND CHECK FOR FLOAT FAILURE( IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN, REPLACED BOTH FLOATS) AT MIDNIGHT

POST MIDNIGHT:  
P/U BHA, TIH T/ 2500', P/U AGITATOR( CHECK PRESSURE BEFORE AND AFTER AND CHECK FOR COMMUNICATION PRESSURE UP ON BACK SIDE TO 250, NO COMMUNICATION), TIH T/ 14,800'

CURRENT OPS:  
TIH AT 14,800'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 306'  
ROP: 47.1' FPH

ROTATE: 262' @ 85.62 %  
SLIDE: 44' @ 14.38 %

LAST SURVEY:  
SD: 18080  
INC: 92.48  
AZM: 166.43  
TVD: 11172.19  
N/S -6642.23  
E/W 3038.02  
VS: 7227.92  
DLS: 7.79

BIT PROJECTION:  
BD: 18138  
INC: 92.48  
AZM: 166.43  
TVD 11169.68  
N/S 6698.56  
E/W -3051.62  
VS 7285.80  
Above/Below: 10.0' ABOVE  
Left/Right: 7.0 LEFT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/15/20 18:00  
MUD WT= 12.5  
VIS= 62  
6 RPM=7  
3 RPM=6  
PV= 23  
YP= 10  
HTHP= 10.0  
OWR= 79/21  
EX LIME= 3.24  
CHL= 40,000  
WPS= 281,222  
ES= 580  
LGS= 5.80  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 18,100' 95% SH, 5% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLs / TOTAL – 0.0 BBLs  
FRESHWATER: DAILY - 0 BBLs / TOTAL - 2037 BBLs  
BRINE: DAILY – 0 BBLs / TOTAL – 110 BBLs

DISPOSAL:  
DAILY DISPOSAL: 0 BBLs  
TOTAL FLUID SENT TO DISPOSAL: 0 BBLs  
CUTTING SOLIDS DISPOSAL: 1.0 LOADS  
TOTAL CUTTING SOLIDS SENT TO DISPOSAL: 12.0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8" SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUBE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	4,503.19	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	4,170.69	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	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)	Quail Tools LP	2,700.00	2700 A DAY RENTAL ON 4.5 DP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	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)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	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)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	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	AIP	1,400.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision Days Bryon Ence
			Daily Total	60,793.10	Daily Mud Cost	5,040.27
			Cumulative Total	2,085,239.95	Cumulative Mud Cost	156,894.36

NPT SUMMARY				
Start date/time	End date/time	Title	Description	Duration (hr)
10/15/2020 8:00:00PM	10/16/2020 12:00:00AM	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASHOUT WAS FOUND  IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASHOUT WAS FOUND  IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)	4.00

WPX Energy																							
Daily Drilling Report																							
WELL NAME:	UL MCNASSER 0201-17 2H			AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	18		DATE:	10/16/2020						
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	81,074		LATERAL SEC:			DFS:	16.33									
EVENT:	DRILLING			LOCATION:			CUM COST \$:	2,166,314		TD (MD):	18,855.0		LITHOLOGY:										
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		11,182.5		FORMATION:		WOLFCAMP								
ENGINEER:	Luke McDougal			ROT HRS:	13.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		768 / 13,735								
TODAY'S DEPTH:		18,855 (usft )		CUM ROT:	248.25		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,690 / 30,229						
														NAT GAS (DGE):		0.00 / 0.00							
PREV. DEPTH:		18,177 (usft )						RIG::		H&P 314				SUPERVISOR:		Jaime Castillo							
PROGRESS:		678 (usft )		WEATHER: TODAY: CLEAR CURRENTLY ITS 61 THE HIGH WILL BE 91										SUPERVISOR PH. #:		432 848 5217							
PRESENT OPERATION:		DRILLING 6 3/4" LATERAL @ 19,200'																					
OPERATION FORECAST:		DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'																					
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD												
LAST CASING:		7.625(in)		ST WT UP		290.0		PRESS		5,200.00		LOSS TIME (hrs):		25.75		BIT #		1		RPM		221	
DEPTH:		10,550(usft)		ST WT DN		145.0		RATE		300.0		LOSS TIME INC:		8.00		SIZE		6-3/4 (")		HHP		89.59	
LAST BOP:		10/9/2020		ST WT ROT		195.0		DP AV				NEAR MISSES:		0.00		TYPE		MDSI 611		P BIT		472.41	
LOT EMW:				TQ ON BTM		16,000.0		DC AV				24 HR RIG DOWN:		0.50		JETS		3-11, 3-10					
WEIGHT LB/FT:		29.70(ppf)		TQ OFF BTM		9,000.0						CUM RIG DOWN		2.75		DEPTH IN		18,177.0					
CONN:		BTC														DEPTH OUT							
PUMP DATA														DULL CONDITION									
PUMP #		MANU		LINER		STROKE		PRESSURE		GPM													
1		GARDENER-DENVER		5.000		11		6,200.00		162.5													
2		GARDENER-DENVER				11																	
3		GARDENER-DENVER		5.000		11		6,200.00		162.5													
SURVEY DATA																							
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS										DLS	
18,764.00		90.37		158.47		11,183.14		-7,300.70		3,214.94		-7,300.70										2.24	
18,669.00		90.50		160.59		11,183.86		-7,211.71		3,181.72		-7,211.71										0.79	
18,575.00		89.76		160.67		11,184.07		-7,123.03		3,150.55		-7,123.03										2.23	
18,480.00		88.49		162.37		11,182.62		-7,032.95		3,120.44		-7,032.95										4.60	
18,386.00		86.60		166.26		11,178.59		-6,942.55		3,095.05		-6,942.55		5.15									
MUD DATA																							
Date: 10/16/2020 6:00:00PM				MUD TYPE INVERT				CHECK DEPTH 18,487				FL TEMP		WATER 16.50 (%)		OIL 61.00 (%)		SAND (%)					
GELS ( 9.0/15.0				Filter Cak 2.0 (32nd")				HTHP 10.0				MW 12.55		VISC 61.00		TEMP 150.00		ECD 13.73					
PV/YP 25.0/10.0				MBT				pH		Pm		Pf		Mf		Cl-		Total Hard		K+			
Lubricant %				ES 548.0				WPS 279,995				CaCl2 28.0		WATER 21.00 (%)		OIL 79.00 (%)		HGS 14.25 (%)					
LGS 6.53 (%)				SOLIDS 22.50 (%)				H2S (ppm )				6/3 7.00 / 6.00											
COMMENTS																							
MUD GAS DATA																							
CONNECTION MAX				834.00				TRIP MAX				0.00				BACKGROUND MAX				506.00			
CURRENT BHA																							
DESCRIPTION		NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE	
		7		12,597.15		678.00				290.00		145.00		195.0		16,000.0							
Heavy Weight Drill Pipe		0		1,396.53		4.5" RENTAL HWDPI D425												5.250		2.25			
Drill Pipe		1		8,686.14		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Aggitator		2		22.68		AGGITATOR												5.063		2.25			
Drill Pipe		3		2,266.80		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Drill Pipe		4		63.00		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Underreamer		5		8.45		DRILL N REAM												5.188		3.13			
Drill Pipe		6		31.56		4.5" RENTAL DRILL PIPE D425												5.250		3.00			
Cross Over		7		3.52		XT39 X D425 CROSSOVER												5.188					
Cross Over		8		3.30		5" FILTER SUB												5.250		2.25			
Cross Over		9		3.98		4FH X XT39 CROSS OVER												5.188		2.25			
Non-Mag Drill Collar		10		30.07		5" NMDC												5.125		2.69			
Hang-Off Sub		11		5.80		5" PULSER SUB												5.188		2.69			
Non-Mag Drill Collar		12		29.26		5" NMDC												5.000		2.69			
Cross Over		13		3.38		XT39 X 4FH CROSS OVER												5.000		2.25			
Float Sub		14		3.98		DOUBLE FLOAT SUB												5.125		2.25			
Integral Blade Stabilizer		15		5.17		6.5 STABILZER												5.000		2.00			
Bent Housing		16		32.53		5" MPACT 6/7 8.8 FXD @ 1.75° SLICK												4.938					
Polycrystalline Diamond Bit		17		1.00		BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.51 TFA												6.750					
BHA HRS		MTR HRS 0																					
JAR HRS		MWD Hrs																					
OPERATIONS (00:00)																							
OPERATION COMMENT				P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY F/ O T/119 '( 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°FBH, SLICK SLEEVE, .68 RPG, MUD MOTOR 56D1006RDLE, BAKER DD306TWX, 3X11s- 3X10s TFA= .51),TIH F/ 119' T/ 2,514', P/U AGITATOR @ 2,511( PLATE 1.45, PSI BEFORE 1900', PSI AFTER 2,600', 700 PSI PRESSURE DROP, MWD PULSE BEFORE 165#, MWD PULSE AFTER 82#,(PRESSURE UP T/ 250 PSI ON BACK SIDE NO COMMUNICATION ),TIH T/ 11,010', PULL TRIP NIPPLE AND INSTALL ROT HEAD, TIH T/ 14,764', CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE, TIH T/ 17,126', WASH AND REAM (DUE T/ MOVING REAMER TO TOP OF BHA) F/ 17,126' T/ 18,177', DRLG AHEAD IN 6 3/4" LATERAL F/ 18,177' T/ 18,855' AT MIDNIGHT																			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																

OPERATIONS (00:00)							
OPERATION COMMENT		P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY F/ O T/119 '( 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°F <sub>BH</sub> , SLICK SLEEVE, .68 RPG, MUD MOTOR 56D1006RDLE, BAKER DD306TWX, 3X11s- 3X10s TFA= .51),TIH F/ 119' T/ 2,514', P/U AGITATOR @ 2,511( PLATE 1.45, PSI BEFORE 1900', PSI AFTER 2,600', 700 PSI PRESSURE DROP, MWD PULSE BEFORE 165#, MWD PULSE AFTER 82#,(PRESSURE UP T/ 250 PSI ON BACK SIDE NO COMMUNICATION ),TIH T/ 11,010', PULL TRIP NIPPLE AND INSTALL ROT HEAD, TIH T/ 14,764', CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE, TIH T/ 17,126', WASH AND REAM (DUE T/ MOVING REAMER TO TOP OF BHA) F/ 17,126' T/ 18,177', DRLG AHEAD IN 6 3/4" LATERAL F/ 18,177' T/ 18,855' AT MIDNIGHT					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	00:30	18,177.00	18,177.00	06	NP	DRLPRO	HPJSMGT P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY AS FOLLOWS: F/ RKB T/ 119' 2- 4.5" DP 1- 5.25" DRILL-N-REAM ( 6-13/16") 1- 4.5" DP 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X D425 BOX 1-5" FILTER SUB 1- 5.8125" BOTTLE NECK X-OVER 4FH PIN X XT39 BOX 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" MWD / PULSER SUB 1- 5.8125" NON MAG DRILL COLLAR 1- 5.8125" BOTTLE NECK X-OVER XT39 PIN X 4FH BOX 1- 5.25" 6-1/2" SPIRAL STABILIZER W/ FLOAT 1- 5.0" DOUBLE FLOAT SUB 1- 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°F <sub>BH</sub> , SLICK SLEEVE, .68 RPG, MUD MOTOR BIT- BAKER DD306TWX, 3X11s- 3X10s TFA= .51
00:30	01:30	18,177.00	18,177.00	06	NP	DRLPRO	TIH W/ 6 3/4" LATERAL ASSEMBLY F/ BHA' T/ 2,514' NOTE: MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 2,514' FPH NO ISSUES
01:30	02:00	18,177.00	18,177.00	06	NP	DRLPRO	P/U AGITATOR @ 2,514' NOTE: PIS BEFORE 1,900' PSI AFTER 2,600' 550 PSI PRESSURE DROP MWD PULSE BEFORE= 165# MWD PULSE AFTER= 82 # PRESSURE UP T/ 250 PSI ON BACK SIDE NO COMMUNICATION
02:00	04:30	18,177.00	18,177.00	06	P	DRLPRO	TIH W/ 6 3/4" LATERAL ASSEMBLY F/ 2,514' T/ 11,010' NOTE: MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 3,398' FPH NO ISSUES
04:30	05:00	18,177.00	18,177.00	21	P	DRLPRO	PULL TRIP NIPPLE AND INSTALL ROT HEAD
05:00	07:00	18,177.00	18,177.00	06	P	DRLPRO	TIH W/ 6 3/4" LATERAL ASSEMBLY F/ 11,010' T/ 14,764' NOTE: MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 1,877' FPH NO ISSUES
07:00	07:30	18,177.00	18,177.00	08	NP	DRLPRO	CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE
07:30	08:00	18,177.00	18,177.00		P		TIH W/ 6 3/4" LATERAL ASSEMBLY F/ 14,764' T/ 17,126' NOTE: MONITOR WELL ON TRIP TANK. HOLE IS DISPLACING PROPERLY FILLING DRILL STRING EVERY 30 STDS TRIP SPEED= 4,724' FPH NO ISSUES
08:00	10:00	18,177.00	18,177.00	03	P	DRLPRO	WASH AND REAM DUE T/ MOVING REAMER TO TOP OF BHA F/ 17,126 T/ 18,177' 300 GPM, 70 RPM, SPP 4,450, TRQ 8K
10:00	14:00	18,177.00	18,356.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 18,177' T/ 18,356' FOOTAGE: 179 ft, AVG ROP: 44.75FPH SLIDE- 33.0'= 18.44% = 22.0 FPH 325 GPM, 300-600 DIFF, WOB 26K 5,900 PSI ON BTM , 4,550 PSI OFF RPM 70-80, TOTAL BIT RPM 291-301 TQ 18K ON BTM, 8K OFF BTM, PU WT- 275K, SO WT- 148K, ROT WT- 213K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 65  LAST SURVEY: (PTB) MD: 18,263', INC: 88.59°, AZM: 170.61°, TVD: 11172.72' VS: 7,409, DLS 4.89 PLAN: 15.0' ABOVE AND 3.0' RIGHT  UPDATED TARGET @ 18,197': Tolerance +/- 8' MD: TVD: INC: 18500 (Changed @ 18,300' MD) (Shifted up 11') 18,500 11197 88.0 18500 11180 89.7 19000 11181 89.9  NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
14:00	14:30	18,356.00	18,356.00	07	P	DRLPRO	PERFORMED RIG SERVICE  NOTE: GREASE CROWN, BLOCKS, TOP DRIVE, ST-80 PERFORM DROPS INSPECTION, INSPECT TOP DRIVE TRACK

OPERATIONS (00:00)							
OPERATION COMMENT				P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY F/ O T/119 '( 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°FBH, SLICK SLEEVE, .68 RPG, MUD MOTOR 56D1006RDLE, BAKER DD306TWX, 3X11s- 3X10s TFA= .51),TIH F/ 119' T/ 2,514', P/U AGITATOR @ 2,511( PLATE 1.45, PSI BEFORE 1900', PSI AFTER 2,600', 700 PSI PRESSURE DROP, MWD PULSE BEFORE 165#, MWD PULSE AFTER 82#,(PRESSURE UP T/ 250 PSI ON BACK SIDE NO COMMUNICATION ),TIH T/ 11,010', PULL TRIP NIPPLE AND INSTALL ROT HEAD, TIH T/ 14,764', CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE, TIH T/ 17,126', WASH AND REAM (DUE T/ MOVING REAMER TO TOP OF BHA) F/ 17,126' T/ 18,177', DRLG AHEAD IN 6 3/4" LATERAL F/ 18,177' T/ 18,855' AT MIDNIGHT			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
14:30	00:00	18,356.00	18,855.00	02	P	DRLPRO	<div>DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY</div> <div>F/ 18,356' T/ 18,855'</div> <div>FOOTAGE: 499 ft, AVG ROP: 52.53FPH</div> <div>SLIDE- 73.0'= 14.63% = 18.25 FPH</div> <div>325 GPM, 300-1000 DIFF, WOB 26K</div> <div>6,200 PSI ON BTM , 5,200 PSI OFF</div> <div>RPM 70-80, TOTAL BIT RPM 291-301</div> <div>TQ 16K ON BTM, 9K OFF BTM,</div> <div>PU WT- 290K, SO WT- 145K, ROT WT- 195K</div> <div>MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 65</div> <div> </div> <div>LAST SURVEY: (PTB)</div> <div>MD: 18,830', INC: 90.37°, AZM: 158.47°, TVD: 11182.65'</div> <div>VS: 7,975.33, DLS 2.24</div> <div>PLAN: 2.0' BELOW AND 8.0' RIGHT</div> <div> </div> <div>UPDATED TARGET @ 18,764':</div> <div>Tolerance +/- 8'</div> <div>MD: TVD: INC:</div> <div>18500 (Changed @ 18,300' MD) (Shifted up 11')</div> <div>18,500 11197 88.0</div> <div>18500 11180 89.7</div> <div>19000 11181 89.9</div> <div>19500 11190 89.0</div> <div>NO FLOW ON CONNECTION</div> <div>NO MUD CUT OR H2S ON BOTTOMS UP</div>





H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 16.33  
DOL: 48.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
WORKING ON MUD PUMPS, 100% TIE OFF, WORKING THE BOARD, MAKING CONNECTIONS, FLUID TRANSFERS

OBSERVATIONS:  
RTM NOTICE FORKLIFT FORKS WERE LEFT ABOUT TWO FEET FROM THE GROUND WHEN PARKED  
RTM STOP AND SET FORKS ALL THE WAY DOWN TO THE GROUND AND TALKED WITH ALL TEAM MEMBERS

NPT DAILY:  
2.0 HRS DUE TO TOO HIGH CHECKING FOR WASH OUT OR OAT FAILURE (FLOAT FAILURE WAS FOUND)  
0.5 CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE  
NPT TOTAL:  
22.75 HRS

24 HR SUMMARY:  
P/U 6 3/4 LATERAL DIRECTIONAL ASSEMBLY F/ O T/119 '( 5" MPACT, 6/7 LOBE, 8.8 STG, 1.5°FBH, SLICK SLEEVE, .68 RPG, MUD MOTOR 56D1006RDLE, BAKER DD306TWX, 3X11s- 3X10s TFA= .51),TIH F/ 119' T/ 2,514', P/U AGITATOR @ 2,511( PLATE 1.45, PSI BEFORE 1900', PSI AFTER 2,600', 700 PSI PRESSURE DROP, MWD PULSE BEFORE 165#, MWD PULSE AFTER 82#,(PRESSURE UP T/ 250 PSI ON BACK SIDE NO COMMUNICATION ),TIH T/ 11,010', PULL TRIP NIPPLE AND INSTALL ROT HEAD, TIH T/ 14,764', CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE, TIH T/ 17,126', WASH AND REAM (DUE T/ MOVING REAMER TO TOP OF BHA) F/ 17,126' T/ 18,177', DRLG AHEAD IN 6 3/4" LATERAL F/ 18,177' T/ 18,855' AT MIDNIGHT

POST MIDNIGHT:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 18,855' T/ 19,200'

CURRENT OPS:  
DRILLING 6 3/4" LATERAL @ 19,200'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 678'  
ROP: 50.2' FPH

ROTATE: 596' @ 87.91 %  
SLIDE: 82' @ 12.09 %

LAST SURVEY:  
SD: 18764  
INC: 90.37  
AZM: 158.47  
TVD: 11183.08  
N/S -7300.72  
E/W 3214.98  
VS: 7909.61  
DLS: 2.24

BIT PROJECTION:  
BD: 18830  
INC: 90.37  
AZM: 158.47  
TVD 11182.65  
N/S 7362.11  
E/W -3239.20  
VS 7975.33  
Above/Below: 2.0' BELOW  
Left/Right: 8.0 RIGHT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: N/A  
BIT RPM: 237

LAST MUD CHECK: 10/16/20 18:00  
MUD WT= 12.55  
VIS= 61  
6 RPM=7  
3 RPM=6  
PV= 25  
YP= 10  
HTHP= 10.0  
OWR= 79/21  
EX LIME= 3.5  
CHL= 41,000  
WPS= 279,995  
ES= 548  
LGS= 6.53  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 18,800' 100% SH, TR% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 0 BBLS / TOTAL - 2037 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS

TOTAL FLUID SENT T O DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 0.0 LOADS  
TOTAL CUTTING SOLIDS SENT T O DISPOSAL: 12.0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOuze DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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	9 5/8, 40# J-55 Casing \$19.91/FT
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	13 3/8, 54.5# J-55 Casing \$32.07/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	1,000.00	CLEAN,DRIFT, TELLY 5.5 CSG
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	6,005.49	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	17,717.00	Directional Daily Cost - (standby rate \$5500)
	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	5,247.36	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	2,475.00	ROLL OFF CUTTING BINS
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	0650	8774	GENERAL LABOR	Polaris Precision Tubular Services	760.00	MISC WORK
	0650	8823	LIVING FACILITIES & SANITATION	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	550.00	Civeo Camps 6 camps plus 1 transformer
	0650	8298	MISCELLANEOUS - MATERIALS	East Texas Oilfield Supply Compar	1,250.00	MISC SUPPLYS
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,620.00	Mud Loggers (\$1620 daily)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,700.00	2700 A DAY RENTAL ON 4.5 DP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	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)	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)	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)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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)
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	(\$3150.0 RIG UP) (STAND BY \$1,867) Supervision Days Bryon Ence
	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	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
			Daily Total	81,074.07	Daily Mud Cost	6,116.94
			Cumulative Total	2,166,314.01	Cumulative Mud Cost	163,011.30

NPT SUMMARY				
Start date/time	End date/time	Title	Description	Duration (hr)
10/16/2020 7:00:00AM	10/16/2020 7:30:00AM	CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE	CHANGE OUT BLOWEN ST-80 HYDRALIC HOSE	0.50
10/15/2020 8:00:00PM	10/16/2020 2:00:00AM	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASHOUT WAS FOUND  IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)	TOOH W/ 6 3/4" LATERAL ASSEMBLY CHECKING FOR WASH OUT OR FOAT FAILURE F/ 5,391' T/ 42' ( FLOAT SUB) NOTE: CHECK FOR WASHOUT EVER 10 STAND BUY LOOKING FOR WASH OUT AND PRESSURE UP BACK SIDE TO 300 PSI AND SEE IF WE HAD COMMUNICATION TO THE BHA AND CHECK FOR FLOAT FAILURE IF NO WASHOUT WAS FOUND  IT WAS FOUND THAT BOTH FLOATS WERE STUCK OPEN ( REPLACED BOTH FLOATS)	6.00

WPX Energy																	
Daily Drilling Report																	
WELL NAME:	UL MCNASSER 0201-17 2H		AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	19	DATE:	10/17/2020		
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	63,103		LATERAL SEC:			DFS:	17.33				
EVENT:	DRILLING		LOCATION:			CUM COST \$:	2,229,417		TD (MD):	20,531.0		LITHOLOGY:					
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		11,190.8		FORMATION:		WOLFCAMP			
ENGINEER:	Luke McDougal		ROT HRS:	23.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		2,027 / 15,762			
TODAY'S DEPTH:		20,531 (usft )	CUM ROT:	271.75		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,597 / 31,826	
													NAT GAS (DGE):		0.00 / 0.00		
PREV. DEPTH:		18,855 (usft )				RIG::		H&P 314				SUPERVISOR:		Jaime Castillo			
PROGRESS:		1,676 (usft )	WEATHER: TODAY: CLEAR CURRENTLY ITS 72 THE HIGH WILL BE 93										SUPERVISOR PH. #:		432 848 5217		
PRESENT OPERATION:		DRILLING 6 3/4" LATERAL @ 20,950'															
OPERATION FORECAST:		DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'															
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD						
LAST CASING:		7.625(in)	ST WT UP	310.0	PRESS	4,800.00	LOSS TIME (hrs):		25.75		BIT #	1	RPM	207			
DEPTH:		10,550(usft)	ST WT DN	143.0	RATE	300.0	LOSS TIME INC:		8.00		SIZE	6-3/4 (")		HHP	73.09		
LAST BOP:		10/9/2020	ST WT ROT	195.0	DP AV		NEAR MISSES:		0.00		TYPE	MDSI 611		P BIT	412.48		
LOT EMW:			TQ ON BTM	18,000.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-11, 3-10					
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	11,000.0			CUM RIG DOWN		2.75		DEPTH IN	18,177.0					
CONN:		BTC									DEPTH OUT						
PUMP DATA																	
PUMP #	MANU			LINER		STROKE		PRESSURE		GPM							
1	GARDENER-DENVER			5.000		11		5,800.00		151.9		ROP-last 24 I					
2	GARDENER-DENVER					11						CUM. FT					
3	GARDENER-DENVER			5.000		11		5,800.00		151.9		CUM. HRS					
SURVEY DATA																	
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS										
20,370.00	89.73	165.24	11,190.05	-8,834.02	3,690.09	-8,834.02	1.07										
20,275.00	90.40	164.47	11,190.16	-8,742.32	3,665.27	-8,742.32	0.39										
20,181.00	90.74	164.34	11,191.09	-8,651.78	3,640.00	-8,651.78	1.49										
20,086.00	90.74	162.92	11,192.32	-8,560.64	3,613.23	-8,560.64	3.01										
19,992.00	88.12	161.84	11,191.38	-8,471.07	3,584.78	-8,471.07	0.93										
MUD DATA																	
Date: 10/17/2020 6:00:00PM		MUD TYPE INVERT		CHECK DEPTH 20,094		FL TEMP 126.00		WATER 18.00 (%)		OIL 60.00 (%)		SAND (%)					
GELS ( 9.0/15.0		Filter Cak 2.0 (32nd" )		HTHP 10.0		MW 12.55		VISC 62.00		TEMP 150.00		ECD 13.76					
PV/YP 24.0/11.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+					
Lubricant %		ES 617.0		WPS 276,702		CaCl2 27.7		WATER 23.00 (%)		OIL 77.00 (%)		HGS 14.55 (%)					
LGS 5.61 (%)		SOLIDS 22.00 (%)		H2S (ppm )		6/3 7.00 / 6.00											
COMMENTS																	
MUD GAS DATA																	
CONNECTION MAX				849.00		TRIP MAX				0.00		BACKGROUND MAX				453.00	
CURRENT BHA																	
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
		7	12,597.15	1,676.00		310.00	143.00	195.0	18,000.0								
Heavy Weight Drill Pipe		0	1,396.53	4.5" RENTAL HWDP D425						5.250	2.25						
Drill Pipe		1	8,686.14	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Aggitator		2	22.68	AGGITATOR						5.063	2.25						
Drill Pipe		3	2,266.80	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Drill Pipe		4	63.00	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Underreamer		5	8.45	DRILL N REAM						5.188	3.13						
Drill Pipe		6	31.56	4.5" RENTAL DRILL PIPE D425						5.250	3.00						
Cross Over		7	3.52	XT39 X D425 CROSSOVER						5.188							
Cross Over		8	3.30	5" FILTER SUB						5.250	2.25						
Cross Over		9	3.98	4FH X XT39 CROSS OVER						5.188	2.25						
Non-Mag Drill Collar		10	30.07	5" NMDC						5.125	2.69						
Hang-Off Sub		11	5.80	5" PULSER SUB						5.188	2.69						
Non-Mag Drill Collar		12	29.26	5" NMDC						5.000	2.69						
Cross Over		13	3.38	XT39 X 4FH CROSS OVER						5.000	2.25						
Float Sub		14	3.98	DOUBLE FLOAT SUB						5.125	2.25						
Integral Blade Stabilizer		15	5.17	6.5 STABILZER						5.000	2.00						
Bent Housing		16	32.53	5" MPACT 6/7 8.8 FXD @ 1.75° SLICK						4.938							
Polycrystalline Diamond Bit		17	1.00	BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.51 TFA						6.750							
BHA HRS		47.33	MTR HRS		47.33												
JAR HRS		MWD Hrs		47.33													
OPERATIONS (00:00)																	
OPERATION COMMENT			DRLG AHEAD IN 6 3/4" LATERAL F/ 18,855' T/ 20,056', PERFORMED RIG SERVICE, DRLG AHEAD T/ 20,531' AT MIDNIGHT														
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS										

OPERATIONS (00:00)							
OPERATION COMMENT				DRLG AHEAD IN 6 3/4" LATERAL F/ 18,855' T/ 20,056', PERFORMED RIG SERVICE, DRLG AHEAD T/ 20,531' AT MIDNIGHT			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:00	18,855.00	19,246.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 18,855' T/ 18,246' FOOTAGE: 609 ft, AVG ROP: 101.5FPH SLIDE- 33.0'= 5.42% = 13.20 FPH 300 GPM, 300-1200 DIFF, WOB 26K 5850 PSI ON BTM , 4650 PSI OFF RPM 70-80, TOTAL BIT RPM 291-301 TQ 17K ON BTM, 10K OFF BTM, PU WT- 290K, SO WT- 145K, ROT WT- 195K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 65  LAST SURVEY: (PTB) MD: 19,208', INC: 88.56°, AZM: 162.83°, TVD: 11180.93 VS: 8,353.18, DLS 1.48 PLAN: 2.0' ABOVE AND 3.0' LEFT  UPDATED TARGET @ 18,953': Tolerance +/- 8' MD: TVD: INC: 19000 11181 89.9 19500 11190 89.0 19500 (Changed @ 19000' MD) (INC to 90.0) 19500 11190 89.0 19500 11181 90.0 NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
06:00	16:00	19,246.00	20,056.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 19,246' T/ 20,056' FOOTAGE: 810 ft, AVG ROP: 81.0FPH SLIDE- 42.0'= 5.19% = 13.20 FPH 300 GPM, 300-1200 DIFF, WOB 26K 5850 PSI ON BTM , 4650 PSI OFF RPM 70-80, TOTAL BIT RPM 291-301 TQ 17K ON BTM, 10K OFF BTM, PU WT- 305K, SO WT- 143K, ROT WT- 212K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 61  LAST SURVEY: (PTB) MD: 19,964', INC: 87.88°, AZM: 161.00°, TVD: 11190.51 VS: 9,108.74, DLS 2.04 PLAN: 3.0' BELOW AND 14.0' LEFT  UPDATED TARGET @ 19,614': Tolerance +/- 8' MD: TVD: INC: 19500 11190 89.0 19500 (Changed @ 19000' MD) (INC to 90.0) 19500 11190 89.0 19500 (Changed @ 19360' MD) (INC to 90.0) 19,500 11181 90.0 19500 11183 89.2 20000 11186 89.7 20500 11189 89.7 NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
16:00	16:30	20,056.00	20,056.00	07	P	DRLPRO	PERFORMED RIG SERVICE  NOTE: GREASE CROWN, BLOCKS, TOP DRIVE, ST-80 PERFORM DROPS INSPECTION, INSPECT TOP DRIVE TRACK
16:30	00:00	20,056.00	20,531.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 20,056' T/ 20,531' FOOTAGE: 475 ft, AVG ROP: 63.33FPH SLIDE- 40.0'= 8.42% = 20.0 FPH 300 GPM, 300-1000 DIFF, WOB 26K 5800 PSI ON BTM , 4800 PSI OFF RPM 70-80, TOTAL BIT RPM 291-301 TQ 18K ON BTM, 11K OFF BTM, PU WT- 310K, SO WT- N/AK, ROT WT- 195K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 61  LAST SURVEY: (PTB) MD: 20,531', INC: 89.16°, AZM: 163.79°, TVD: 11191.90 VS: 9,675.63, DLS 1.64 PLAN: 1.0' BELOW AND 16.0' LEFT  UPDATED TARGET @ 20,275': Tolerance +/- 8' MD: TVD: INC: 20000 11186 89.7 20500 11189 89.7 21000 11192 89.7 NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP



H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 17.33  
DOL: 49.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
FLUID TRANSFERS, FORKLIFT OPS, EQUIP INSP, PRESSURE WASHING

OBSERVATIONS:  
RTM NOTICE THE LINER HANGER WAS NOT CHALK RTM CHALK THE HANGER AND TALKED WITH ALL TEAM MEMBERS OF THE IMPORTANCE OF CHALKING ALL TUBULARS

NPT DAILY:  
0.0 HRS

NPT TOTAL:  
22.75 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 18,855' T/ 20,056', PERFORMED RIG SERVICE, DRLG AHEAD T/ 20,531' AT MIDNIGHT

POST MIDNIGHT:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 20,531' T/ 20,950'

CURRENT OPS:  
DRILLING 6 3/4" LATERAL @ 20,950'

24 HOUR FORECAST:  
DRLG AHEAD IN 6 3/4" LATERAL AS PER DIR PLAN TOWARDS A PROJECTED TD OF ~ 21,714'

TOTAL FOOTAGE 24 HR: 1,676'  
ROP: 71.3' FPH

ROTATE: 1,564' @ 87.91 %  
SLIDE: 112' @ 6.68 %

LAST SURVEY:  
SD: 20465  
INC: 89.16  
AZM: 163.79  
TVD: 11190.93  
N/S -8925.59  
E/W 3715.47  
VS: 9609.63  
DLS: 1.64

BIT PROJECTION:  
BD: 20531  
INC: 89.16  
AZM: 163.79  
TVD 11191.90  
N/S 8988.96  
E/W -3733.89  
VS 9675.63  
Above/Below: 1.0' BELOW  
Left/Right: 16.0 LEFT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: 1.45  
BIT RPM: 237

LAST MUD CHECK: 10/17/20 18:00  
MUD WT= 12.55  
VIS= 62  
6 RPM=7  
3 RPM=6  
PV= 24  
YP= 11  
HTHP= 10.0  
OWR= 77/23  
EX LIME= 3.56  
CHL= 44,000  
WPS= 276,702  
ES= 617  
LGS= 5.61  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 20,500' 100% SH, TR% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 347 BBLS / TOTAL - 2384 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT T 0 DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 0.0 LOADS  
TOTAL CUTTING SOLIDS SENT T 0 DISPOSAL: 12.0 LOADS



FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER NIGHTS

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	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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
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	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	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)	Quail Tools LP	2,700.00	2700 A DAY RENTAL ON 4.5 DP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	VOLVO LOADER RENTAL (195.00 PER DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	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	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	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)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	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	0.00	Supervision Days Bryon Ence
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Days Jaime Castillo
			Daily Total	63,102.62	Daily Mud Cost	7,178.71
			Cumulative Total	2,229,416.63	Cumulative Mud Cost	170,190.01

WPX Energy																											
Daily Drilling Report																											
WELL NAME:	UL MCNASSER 0201-17 2H			AFE #:	200855		AFE \$:	3,325,047		LANDING PNT	10,550(usl)		REPORT#:	20		DATE:	10/18/2020										
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	59,719		LATERAL SEC:			DFS:	18.33													
EVENT:	DRILLING			LOCATION:			CUM COST \$:	2,289,136		TD (MD):	21,862.0		LITHOLOGY:														
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38146		TD (TVD):		11,182.6		FORMATION:		WOLFCAMP												
ENGINEER:	Luke McDougal			ROT HRS:	14.50				SPUD DATE::		9/2/2020		DIESEL (MUD DIESEL):		2,250 / 18,012												
TODAY'S DEPTH:		21,862 (usft )		CUM ROT:	286.25		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		3,261 / 35,087										
														NAT GAS (DGE):		0.00 / 0.00											
PREV. DEPTH:		20,531 (usft )						RIG::		H&P 314				SUPERVISOR:		Jaime Castillo											
PROGRESS:		1,331 (usft )		WEATHER: TODAY: CLEAR CURRENTLY ITS 68 THE HIGH WILL BE 81								SUPERVISOR PH. #:		432 848 5217													
PRESENT OPERATION:		TOOH AT 18,650'																									
OPERATION FORECAST:		TIH F/ 18,000' T/ 21,287'(TAG AT 21,287'), W/R F/ 21,287' T/ 21,682', CIRC SUR TO SUR, PUMP SLUG, AND STRIP OUT TO CASING SHOE ( DROPP RABBIT AT THE HWDP ), FLOW CHECK WELL, CONT TOOH TO RUN LINER , L/D BHA, R/U CASING CREW AND RUN 5.5" LINER CASING																									
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD																
LAST CASING:		7.625(in)		ST WT UP		325.0		PRESS		4,850.00		LOSS TIME (hrs):		25.75		BIT #		1		RPM		207					
DEPTH:		10,550(usft)		ST WT DN		143.0		RATE		151.9		LOSS TIME INC:		8.00		SIZE		6-3/4 (")		HHP		72.80					
LAST BOP:		10/9/2020		ST WT ROT		212.0		DP AV				NEAR MISSES:		0.00		TYPE		MDSI 611		P BIT		410.84					
LOT EMW:				TQ ON BTM		18,000.0		DC AV				24 HR RIG DOWN:		0.00		JETS		3-11, 3-10									
WEIGHT LB/FT:		29.70(ppf)		TQ OFF BTM		10,000.0						CUM RIG DOWN		2.75		DEPTH IN		18,177.0									
CONN:		BTC														DEPTH OUT											
PUMP DATA														DULL CONDITION													
PUMP #		MANU		LINER		STROKE		PRESSURE		GPM																	
1		GARDENER-DENVER		5.000		11		5,250.00		151.9																	
2		GARDENER-DENVER		5.000		11		5,250.00		151.9																	
3		GARDENER-DENVER				11																					
SURVEY DATA																											
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS										DLS					
21,616.00		91.04		165.54		11,187.07		-10,028.82		4,041.44		-10,028.82										3.32					
21,599.00		91.28		165.03		11,187.41		-10,012.38		4,037.12		-10,012.38										0.18					
21,504.00		91.11		165.07		11,189.39		-9,920.62		4,012.62		-9,920.62										1.07					
21,410.00		91.91		165.68		11,191.87		-9,829.70		3,988.89		-9,829.70										0.49					
21,315.00		91.91		165.21		11,195.03		-9,737.80		3,965.03		-9,737.80		3.16													
MUD DATA																											
Date: 10/18/2020 6:00:00PM				MUD TYPE INVERT				CHECK DEPTH 21,682				FL TEMP 134.00				WATER 16.00 (%)				OIL 62.00 (%)				SAND (%)			
GELS ( 10.0/16.0				Filter Cak 2.0 (32nd" )				HTHP 10.8				MW 12.50				VISC 61.00				TEMP 150.00				ECD 13.59			
PV/YP 23.0/10.0				MBT				pH Pm				Pf Mf				Cl-				Total Hard				K+			
Lubricant %				ES 536.0				WPS 283,740				CaCl2 28.4				WATER 21.00 (%)				OIL 79.00 (%)				HGS 14.51 (%)			
LGS 5.79 (%)				SOLIDS 22.00 (%)				H2S (ppm )				6/3 7.00 / 6.00															
COMMENTS																											
MUD GAS DATA																											
CONNECTION MAX				827.00				TRIP MAX				737.00				BACKGROUND MAX				387.00							
CURRENT BHA																											
DESCRIPTION		NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE					
		7		12,597.15		1,151.00				325.00		143.00		212.0		18,000.0											
Heavy Weight Drill Pipe		0		1,396.53		4.5" RENTAL HWDP D425												5.250		2.25							
Drill Pipe		1		8,686.14		4.5" RENTAL DRILL PIPE D425												5.250		3.00							
Aggitator		2		22.68		AGGITATOR												5.063		2.25							
Drill Pipe		3		2,266.80		4.5" RENTAL DRILL PIPE D425												5.250		3.00							
Drill Pipe		4		63.00		4.5" RENTAL DRILL PIPE D425												5.250		3.00							
Underreamer		5		8.45		DRILL N REAM												5.188		3.13							
Drill Pipe		6		31.56		4.5" RENTAL DRILL PIPE D425												5.250		3.00							
Cross Over		7		3.52		XT39 X D425 CROSSOVER												5.188									
Cross Over		8		3.30		5" FILTER SUB												5.250		2.25							
Cross Over		9		3.98		4FH X XT39 CROSS OVER												5.188		2.25							
Non-Mag Drill Collar		10		30.07		5" NMDC												5.125		2.69							
Hang-Off Sub		11		5.80		5" PULSER SUB												5.188		2.69							
Non-Mag Drill Collar		12		29.26		5" NMDC												5.000		2.69							
Cross Over		13		3.38		XT39 X 4FH CROSS OVER												5.000		2.25							
Float Sub		14		3.98		DOUBLE FLOAT SUB												5.125		2.25							
Integral Blade Stabilizer		15		5.17		6.5 STABILZER												5.000		2.00							
Bent Housing		16		32.53		5" MPACT 6/7 8.8 FXD @ 1.75" SLICK												4.938									
Polycrystalline Diamond Bit		17		1.00		BAKER 6 3/4" DD306TWX 2X11'S, 4X10'S 0.51 TFA												6.750									
BHA HRS		69.75		MTR HRS		69.75																					
JAR HRS				MWD Hrs		69.75																					
OPERATIONS (00:00)																											
OPERATION COMMENT				DRLG AHEAD IN 6 3/4" LATERAL F/ 20,531' T/ 21,570', PERFORMED RIG SERVICE, DRLG AHEAD T/ 21,682', PERFORMED CLEAN UP CYCLE ( PUMPED 3 SWEEP SURF. T/ SURF. ( 1 ST SWEEP BACK NO INCREASE IN CUTTINGS AND 4 % WASH OUT, L/D SINGLE CONTINUNED 2ND SURF. TO SURF 2ND SWEEP BACK ,5% INCREASE IN DRILL CUTTINGS 4 % W/O, 3RD SWEEP BACK 2% INCREASE IN DRILL CUTTINGS 4 % W/O, FLOW CHECK,WELL STATIC, SHUT IN CSG PSI =0 )TOOH 5 STDS WET HOLDING 300 PSI, PUMP SLUG, TOOH HOLDING 300 PSI TO 18,000' AT MIDNIGHT																							
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																				

OPERATIONS (00:00)							
OPERATION COMMENT		DRLG AHEAD IN 6 3/4" LATERAL F/ 20,531' T/ 21,570', PERFORMED RIG SERVICE, DRLG AHEAD T/ 21,682', PERFORMED CLEAN UP CYCLE ( PUMPED 3 SWEEP SURF. T/ SURF. ( 1 ST SWEEP BACK NO INCREASE IN CUTTINGS AND 4 % WASH OUT, L/D SINGLE CONTINUNED 2ND SURF. TO SURF 2ND SWEEP BACK .5% INCREASE IN DRILL CUTTINGS 4 % W/O, 3RD SWEEP BACK 2% INCREASE IN DRILL CUTTINGS 4 % W/O, FLOW CHECK,WELL STATIC, SHUT IN CSG PSI =0 )TOOH 5 STDS WET HOLDING 300 PSI, PUMP SLUG, TOOH HOLDING 300 PSI TO 18,000' AT MIDNIGHT					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:00	20,531.00	21,004.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 20,531' T/ 21,004' FOOTAGE: 473 ft, AVG ROP: 78.8FPH SLIDE- 20.0'= 4.2% = 20.0 FPH 300 GPM, 300-1000 DIFF, WOB 26K 5800 PSI ON BTM , 4800 PSI OFF RPM 80, TOTAL BIT RPM 301 TQ 17K ON BTM, 11K OFF BTM, PU WT- 310K, SO WT- N/A, ROT WT- 195K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 61  LAST SURVEY: (PTB) MD: 21,004', INC: 89.63°, AZM: 161.92°, TVD: 11196.86 VS: 10,148.51, DLS 1.19 PLAN: 5.0' BELOW AND 17.0' LEFT  UPDATED TARGET @ 20,749': Tolerance +/- 8' MD: TVD: INC: 21000 11192 89.7 21700 11192 90.0 NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
06:00	14:00	21,004.00	21,570.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 21,004' T/ 21,570' FOOTAGE: 566 ft, AVG ROP: 70.75FPH SLIDE- 25.0'= 4.4% = 10.0 FPH 300 GPM, 530 DIFF, WOB 26K 5660 PSI ON BTM , 4850 PSI OFF RPM 80, TOTAL BIT RPM 301 TQ 18K ON BTM, 10K OFF BTM, PU WT- 325K, SO WT- N/A, ROT WT- 212K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 61  LAST SURVEY: (PTB) MD: 21,570', INC: 91.11°, AZM: 165.07°, TVD: 11188.07 VS: 10,714.07, DLS 1.07 PLAN: 3' AHEAD AND 22' LEFT  UPDATED TARGET @ 20,275': Tolerance +/- 8' MD: TVD: INC: 21000 11192 89.7 21700 11192 90.0 NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
14:00	14:30	21,570.00	21,570.00	07	P	DRLPRO	GENERAL RIG SERVICE
14:30	15:00	21,570.00	21,682.00	02	P	DRLPRO	DRILL AHEAD W/ 6 3/4" LATERAL ASSEMBLY F/ 21,570' T/ 21,682' FOOTAGE: 112 ft, AVG ROP: 224FPH SLIDE- 0'= 0% = 0 FPH 300 GPM, 530 DIFF, WOB 26K 5650 PSI ON BTM , 4850 PSI OFF RPM 80, TOTAL BIT RPM 301 TQ 18K ON BTM, 10K OFF BTM, PU WT- 325K, SO WT- N/A, ROT WT- 212K MUD WEIGHT: 12.5 PPG IN, 12.5 PPG OUT, VIS 61  LAST SURVEY: (PTB) MD: 21,682', INC: 91.04°, AZM: 165.54°, TVD: 11185.83 VS: 10,826.00, DLS 3.36 PLAN: 5' AHEAD AND 19' LEFT  UPDATED TARGET @ 20,275': Tolerance +/- 8' MD: TVD: INC: 21000 11192 89.7 21700 11192 90.0 NO FLOW ON CONNECTION NO MUD CUT OR H2S ON BOTTOMS UP
15:00	21:30	21,682.00	21,682.00	05	P	DRLPRO	CIRCULATING AND CONDITION HOLE CLEAN IN PREPARATION TO RUN 5.5 LINER AS FOLLOWS: 3 HIGH VISC SWEEPS, GPM:300, RPM:80 PICK UP WEIGHT BEFORE/AFTER: 355K / 275K SLACK OFF BEFORE/AFTER: 143 / 140 ROTATING WEIGHT BEFORE/AFTER: 214K / 215 TORQUE: BEFORE 10K, AFTER 8K PUMP PRESSURE BEFORE/AFTER: 5180 / 5000 NOTE: 1. DID NOT SEE ANY INCREASE IN CUTTINGS ON FIRST SWEEP 4% WASH OUT 2. 5 % DRILL CUTTINGS, ON SECOND SWEEP 4% WASH OUT 3. 2 % DRILL CUTTINGS ON THIRD SWEEP 4% WASH OUT FLOW CHECK WELL WELL STATIC SHUT IN CSG =0 PSI
21:30	00:00	21,682.00	21,682.00	06	P	DRLPRO	TOOH ( SHORT TRIP T/ 18,000' ) IN PREPRATION TO RUN 5.5 PRODUCTION LINER F/ 21,682' T/ 18,000' MAX P/U OFF BTM 360K NOTE: PULLED FIRST 5 STANDS WET PUMPED SLUG PUMPING 35 STKS FIRST 5 STAND PULL AND 11 STKS AFTER PUMPING SLUG WHILE MAINTAINING 300 PSI ON BACK SIDE TRIP SPEED=1,473 FPH WORKED THROUGH TIGHT SPOT @ 19,790', 19,669', 19146'. SLACKED OFF THROUGH & BACK UP NO PUMP OR RT.PULLED SLICK 385K P/U 120K S/O.



H&P 314  
UL McNASSER 0201-17 2H  
AFE: 200855  
GEO TARGET: WOLFCAMP A UPPER  
DFS: 18.33  
DOL: 50.0

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

SIMOPS:  
N/A

REGULATORY NOTIFICATIONS:  
N/A

SAFETY TOPIC:  
SHORT TRIPPING, HOLDING BACK PRESSURE, HAND AND BODY PLACEMENT, 100% TIE OFF

OBSERVATIONS:  
WHILE TRIPPING IN HOLE, DERRICKMAN NOTICED THAT THE PULLDOWN LINE FROM THE SALA BLOCK IN DERRICK HAD CAME LOOSE FROM RIG FLOOR, ALLOWING THE STRING TO GET CAUGHT ON THE TOPDRIVE. HE NOTICED THAT THE SALA BLOCK LINE WAS BEING PULLED OUT AND NOTIFIED DRILLER TO STOP. DERRICKMAN FREED THE SALA BLOCK LINE AND PULLDOWN LINE FROM TOPDRIVE AND SECURED THE LINE BEFORE RETURNING TO TRIPPING IN HOLE

NPT DAILY:  
0.0 HRS

NPT TOTAL:  
22.75 HRS

24 HR SUMMARY:  
DRLG AHEAD IN 6 3/4" LATERAL F/ 20,531' T/ 21,570', PERFORMED RIG SERVICE, DRLG AHEAD T/ 21,682', PERFORMED CLEAN UP CYCLE ( PUMPED 3 SWEEP SURF. T/ SURF. ( 1 ST SWEEP BACK NO INCREASE IN CUTTINGS AND 4 % WASH OUT, L/D SINGLE CONTINUED 2ND SURF. TO SURF 2ND SWEEP BACK ,5% INCREASE IN DRILL CUTTINGS 4 % W/0, 3RD SWEEP BACK 2% INCREASE IN DRILL CUTTINGS 4 % W/0, FLOW CHECK,WELL STATIC, SHUT IN CSG PSI =0 )TOOH 5 STDS WET HOLDING 300 PSI, PUMP SLUG, TOO H HOLDING 300 PSI TO 18,000' AT MIDNIGHT

POST MIDNIGHT:  
TIH F/ 18,000' T/ 21,287'(TAG AT 21,287 ATTEMP TO WORK THROUGH 320K UP FREE 100K DOWN WITH NO BREAK OVER CALL WAS MADE DECISION WAS TO WASH AND REAM TO BOTTOM), WASH AND REAM TO BOTTOM F/ 21,287 T, 21,682', CIR. COND IN PREPRATION TO TOO H TO RUN 5.5 PRODUCTION LINER ( CIRCULATE 1 SWEEP AROUND SWEEP BROUGHT BACK 10 % IN COFFEE GROUND SIZE CUTTINGS AND 4% WASH OUT),TOOH F/ 21,682 T/ 18,650',(PULLED FIRST 5 STANDS WET PUMPED SLUG, PUMPING 35 STKS FIRST 5 STAND PULL AND 11 STKS AFTER PUMPING SLUG WHILE,MAINTAINING 300 PSI ON BACK SIDE, FLOW CHECK STATIC SHUT IN CSG PSI=0)

CURRENT OPS:  
TOOH AT 18,650

24 HOUR FORECAST:  
SOOH TO CASING SHOE @ 10,550' ( DROPP RABBIT AT THE HWDP ), FLOW CHECK WELL, CONT TOO H TO RUN LINER , L/D BHA, R/U CASING CREW AND RUN 5.5" LINER CASING, M/U LINER HANGER AND TIH W/ 4.5" HWDP AND DRILL PIPE T/ 21,682', TAG BTM, CIR BTM UP, SET BAKER LINER HANGER AS PER PROCEDURE, CIR LINER CAPACITY, CEMENT 5.5" 20# CDC HTQ P-110 GEO CONN PRODUCTION LINER AS PER PROG, SET PACKER, CIRCULATE EXCESS CEMENT OFF OF LINER TOP, TEST LINER TOP PACKER, DISPLACE 12.7# OBM OUT WITH 10# BRINE W/ INHIBITOR,BREAK & L/D CEMENT HEAD, IRON, PUP, TOO H RACKING BACK DP, L/D LINER RUNNING TOOLS,PULL WEAR BUSHING, N/D, RIG RELEASED

TOTAL FOOTAGE 24 HR: 1,331'  
ROP: 91.8' FPH

ROTATE: 1,294' @ 97.22 %  
SLIDE: 37.0' @ 2.78 %

LAST SURVEY:  
SD: 21616  
INC: 91.04  
AZM: 165.54  
TVD: 11187.03  
N/S -10028.85  
E/W 4041.45  
VS: 10760.05  
DLS: 3.36

BIT PROJECTION:  
BD: 21682  
INC: 91.04  
AZM: 165.54  
TVD 11185.83  
N/S 10092.75  
E/W -4057.93  
VS 10826.00  
Above/Below: 5.0' ABOVE  
Left/Right: 19.0 LEFT

SEPARATION FACTOR F/ UL McNASSER 1H =1,434'

AGITATOR PLATE SIZE: 1.45  
BIT RPM: 237

LAST MUD CHECK: 10/18/20 18:00  
MUD WT= 12.5  
VIS= 61  
6 RPM=7  
3 RPM=6  
PV= 23  
YP= 10  
HTHP= 10.8  
OWR= 79/21  
EX LIME= 4.14  
CHL= 40,500  
WPS= 283,740  
ES= 536

LGS= 5.79  
MUD LOSS FOR THE DAY: 0 BBLS  
TOTAL FOR THE WELL: 0 BBLS

LAST LITHOLOGY: @ 20,500' 100% SH, TR% LS

WATER RECEIVED LAST 24 HRS:  
CITY FRESHWATER: DAILY - 0.0 BBLS / TOTAL – 0.0 BBLS  
FRESHWATER: DAILY - 0 BBLS / TOTAL - 2384 BBLS  
BRINE: DAILY – 0 BBLS / TOTAL – 110 BBLS

DISPOSAL:  
DAILY DISPOSAL: 0 BBLS  
TOTAL FLUID SENT T 0 DISPOSAL: 0 BBLS  
CUTTING SOLIDS DISPOSAL: 3.0 LOADS  
TOTAL CUTTING SOLIDS SENT T 0 DISPOSAL: 15.0 LOADS

FULL BOP TEST ON: 10/9/2020  
OFFLINE STUMP TEST: N/A  
BREAK TEST BOP ON N/A  
NEXT BOP TEST ON: 10/30/2020

RIG KB: 25.5'  
20" CONDUCTOR SET @ 133'  
SPUD WELL @ 09/02/2020 @ 04:00 HRS  
13 3/8' SET @ 1,385'  
RELEASE F/ SURFACE SECTION @ 18:00 HRS ON 09/02/2020  
10 3/4" SET @ 5,042'  
7 5/8" SET @ 10,550  
RELEASE F/ 2ND INT SECTION @ 10:00 HRS ON 09/18/2020  
RESUME WELL @ 17:00 HRS ON 10/8/2020  
KICK-OFF POINT@ 10,672'  
LAND CURVE @ 11,546'  
TD LATERAL @ 21,682 @ 14:30 HRS ON 10/18/2020  
5.5" LINER SET @  
RIG RELEASED ON

COMPANY MEN: JAIME CASTILLO DAYS // BILLY LALONDE NIGHTS  
STELLAR MUD ENGINEER: RENELL SCHUMAN  
MS DIRECTIONAL DRILLER: LANCE JACKSON DAYS // MIKE MILLER NIGHTS  
SCIENTIFIC MWD: ANDRE HOUZE DAYS // TANNER FLORUS REMOTE  
FIELD GEO MUD LOGGERS: CAMERON ZUNDEL DAYS // AARON PALMER 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
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5 1/2" 20# P110 ICY \$14.60/FT
	0650	8790	CONTINGENCY	WPX Energy	4,423.64	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	5,500.00	Directional Daily Cost - (standby rate \$5500)
	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	3,176.27	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	869.58	24 hour Service 775.00 Plus Tax Plus Blower Rental \$39.60
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	Daily Rental 825 per bin swap
	0650	8823	LIVING FACILITIES & SANITATION	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	550.00	Civeo Camps 6 camps plus 1 transformer
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,620.00	Mud Loggers (\$1620 daily)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,700.00	2700 A DAY RENTAL ON 4.5 DP
	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	0.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	444.00	EDR TOTCO
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	225.00	Daily on 5 light plants ( BLAXTONE )\$45. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	815.00	25 Round Frac Tank Daily Cost(\$30) and 1 open top tank(\$40), FRAC TANK(\$25)
	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)	East Texas Oilfield Supply Compar	60.00	DAILY RENTAL ON 4x4 TRASH PUMP
	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)	Pruitt	670.00	Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	250.00	Premix Tank ( JST )
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 Porta-Johns \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	330.00	H&P Rented Loader and Manlift
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	Daily on trash trailer (Blaxtone) \$25 day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	178.65	(RESOURCE RENTAL TOOLS) INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	35.00	24" Spacer Spool
	0650	8869	RENTAL EQUIPMENT (SURFACE)	East Texas Oilfield Supply Compar	0.00	1 TIME CHARGE PER WELL \$750
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	25,699.99	Rig Operation Day Rate \$25,700 / Day
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	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	8917	WELLSITE SUPERVISION	AIP	1,400.00	Supervision Nights Billy LaLonde
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	Supervision Nights Bo Branton
	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	AIP	1,400.00	Supervision Days Jaime Castillo
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision Days Bryon Ence
			Daily Total	59,719.13	Daily Mud Cost	4,045.85
			Cumulative Total	2,289,135.77	Cumulative Mud Cost	174,235.86