

WPX Energy																						
Daily Drilling Report																						
WELL NAME:	UL MCNASSER 0201-17 8H			AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	1,408(usft'		REPORT#:	4		DATE:	10/7/2020					
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	57,177		LATERAL SEC:			DFS:	1.80								
EVENT:	DRILLING			LOCATION:			CUM COST \$:	550,668		TD (MD):	2,682.0		LITHOLOGY:									
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		APi: 42-475-38150		TD (TVD):		2,676.4		FORMATION:			WOLFCAMP A						
ENGINEER:	D Wayne Johnson			ROT HRS:	10.00				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):			0 / 0						
TODAY'S DEPTH:		2,682 (usft)		CUM ROT:		18.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL): 1,961 / 3,842 NAT GAS (DGE): 0.00 / 0.00						
PREV. DEPTH:		1,427 (usft )						RIG::		Patterson 565		SUPERVISOR:			Joe Young							
PROGRESS:		1,255 (usft )		WEATHER: 93° AIR QUALITY 62 GOOD, UV INDEX 7, WIND SPEED 8 MPH SE									SUPERVISOR PH. #:			432-203-0226						
PRESENT OPERATION:		DRLG AHEAD AT 3,300'																				
OPERATION FORECAST:		CONTINUE DRLG AHEAD TO CSG POINT																				
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD											
LAST CASING:		13.375(in)		ST WT UP		165.0		PRESS		3,850.00		LOSS TIME (hrs):		1.00		BIT # 2 RPM 116						
DEPTH:		1,408(usft)		ST WT DN		147.0		RATE		900.0		LOSS TIME INC:		1.00		SIZE 12-1/4 (") HHP 390.87						
LAST BOP:		9/29/2020		ST WT ROT		160.0		DP AV				NEAR MISSES:		0.00		TYPE SPL616 P BIT 748.00						
LOT EMW:				TQ ON BTM		15,000.0		DC AV				24 HR RIG DOWN:		0.00		JETS 9-12						
WEIGHT LB/FT:		54.50(ppf)		TQ OFF BTM		75,000.0						CUM RIG DOWN		1.00		DEPTH IN 1,427.0						
CONN:		BTC														DEPTH OUT						
PUMP DATA														DULL CONDITION								
PUMP #		MANU		LINER		STROKE		PRESSURE		GPM		ROP-last 24 l						125.5				
1		NATIONAL		6.000		12		3,850.00		447.9		CUM. FT						1,255.0				
2		NATIONAL		6.000		12		3,850.00		447.9		CUM. HRS						10.00				
3		NATIONAL				12						ROP/Cum-ent						125.5				
												WOB						20.0-38.0				
SURVEY DATA																						
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS							I	O	D	L	B	R	G	T	
2,505.00	9.36	255.23	2,501.78	-46.21	-84.11	-46.21	2.68															
2,411.00	6.88	252.08	2,408.73	-42.53	-71.36	-42.53	2.28															
2,316.00	4.87	244.12	2,314.23	-39.02	-62.31	-39.02	1.59															
2,222.00	3.43	238.63	2,220.48	-35.81	-56.32	-35.81	0.37															
2,127.00	3.12	241.42	2,125.63	-33.09	-51.63	-33.09	0.56															
MUD DATA																						
Date: 10/7/2020 4:00:00PM			MUD TYPE WATER BASED MUD			CHECK DEPTH 1,660			FL TEMP 86.00			WATER 96.00 (%)			OIL (%)			SAND 0.50 (%)				
GELS ( 1.0/1.0			Filter Cak 3.0 (32nd")			HTHP 300.0			MW 10.00			VISC 40.00			TEMP 120.00			ECD 10.06				
PV/YP 1.0/2.0			MBT			pH 10.00 Pm 1.00			Pf 0.25 Mf 0.35			Cl- 171,000			Total Hard 3000			K+				
Lubricant %			ES			WPS			CaCl2			WATER (%)			OIL (%)			HGS 0.00 (%)				
LGS 1.54 (%)			SOLIDS 10.00 (%)			H2S 0 (ppm )			6/3 1.00 / 1.00													
COMMENTS																						
MUD GAS DATA																						
CONNECTION MAX						TRIP MAX						BACKGROUND MAX										
CURRENT BHA																						
DESCRIPTION		NUMBER	LENGTH	DRILL ROT		DRILL SLIDE		P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE								
		BHA #2	1,833.95	1,255.00				165.00	147.00	160.0	15,000.0											
Heavy Weight Drill Pipe		0	1,345.42	5" HWDP								5.000	3.00	4.50								
Cross Over		1	5.23	4 1/2" XH x 4 1/2" IF.								6.500	2.75	4.50								
Drill Collar		2	349.63	12 JTS - 6 1/2"								6.500	2.75	4.50								
Cross Over		3	3.95	6 5/8" REG x 4 1/2" XH								6.625	3.25	4.50								
Filter		4	3.11	HXFILTER SUB								8.125	3.25	6.63								
Non-Mag Drill Collar		5	30.05	NMDC								8.000	3.31	6.63								
Pulser Sub		6	6.26	SSL PULSER SUB								8.125	3.75	6.63								
Non-Mag Drill Collar		7	30.80	NMDC								7.875	3.81	6.63								
Shock Sub		8	12.86	COUGAR SOCK SUB								8.125	3.00	6.63								
Integral Blade Stabilizer		9	6.79	12" I.B.S.								8.000	2.88	6.63								
Steerable Motor		10	38.35	NOV, 9 5/8", 7.8, 5.7, REV/GAL .13, 1.83° FIXED, FLOAT, 12" NBS								9.812	1.00	6.63								
Polycrystalline Diamond Bit		11	1.50	SECURITY ST66MKS, 6X16'S								12.250		7.63								
BHA HRS 10.00			MTR HRS 10.00																			
JAR HRS			MWD Hrs 10.00																			
OPERATIONS (00:00)																						
OPERATION COMMENT				SKID F/ UL McNASSER 0201-17-7H T/ UL McNASSER 0201-17-8H, NIPPLE UP AND PERFORM SHELL TEST 250 LOW 5000 HIGH, PERFORM RIG SERVICE, MAKE UP 12.25" BHA, TIH AND CLEAN OUT SHOE TRACK, CHANGE OUT ROT HEAD, DRILL INT # 1 HOLE SECTION F/ 1,427' T/ 2,682'																		
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS															
03:00	04:00	1,427.00	1,427.00	01	P	DRLIN1	PJSM BEFORE SKID F/ UL McNASSER 0201-17-7H T/ UL McNASSER 0201-17-8H															
04:00	05:30	1,427.00	1,427.00	14	P	DRLIN1	INSTALL SPEED HEAD, SET BOP DOWN AND TORQUE BOLTS.															
05:30	09:00	1,427.00	1,427.00	15	P	DRLIN1	SHELL TEST BOP 250 PSI LOW AND 5,000 PSI HIGH AND BACK TO PUMPS, TEST 13-3/8" CASING TO 1,500 PSI FOR 30 MINUTES AND RECORD ON EDR, INSTALL WEAR BUSHING															
09:00	09:30	1,427.00	1,427.00	07	P	DRLIN1	PERFORM RIG SERVICE															
09:30	11:00	1,427.00	1,427.00	06	P	DRLIN1	PICK UP DIRECTIONAL TOOLS AND RUN BHA AS FOLLOWS: - ***15** STANDS 5" HWDP - XO - 4 1/2 XH PIN x 4 1/2 IF BOX - ***3** STANDS 6 1/2" DRILL COLLARS - XO - 6 5/8 REG PIN x 4 1/2 XH BOX - FILTER SUB - NMDC - SSL PULSER SUB - NMDC - COUGAR SHOCK SUB - 12" IBS - MOTOR - 9 5/8" NOV 7/8 5.7, FBH @ 1.83", W/ 12" NBSTB, 0.13 RPG, BFF. - SECURITY 12 1/4" SPL616 - SN 51935 W/ .994 TFA  NOTE: FLOW RANGE ON MOTOR AND MWD 700-1200 GPM MAX DIFF ON MOTOR = 900 PSI															

OPERATIONS (00:00)							
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FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
11:00	12:30	1,427.00	1,427.00	06	P	DRLIN1	TIH F/ 133' T/ 1,292' FILL PIPE AND BREAK CIRC AND PUMP THROUGH FLOWLINE AND GAS BUSTER FOR LEAKS
12:30	13:30	1,427.00	1,427.00	03	P	DRLIN1	WASH F/ 1,292' T/ 1,361' TAGGED FLOAT @ 1,363' DRILL SHOE TRACK F/ 1,363' TO 1,408' SHOE. WASH AND REAMED F/ 1,408' TO 1,427'. WOB 8K GPM 500 TRQ 6K RPM 20
13:30	14:00	1,427.00	1,474.00	02	P	DRLIN1	DRILL INT # 1 HOLE SECTION F/ 1,427" T/ 1,474' (47' @ 94FT/HR ) 900 GPM, 3350 PSI ON, 2650 PSI OFF, 40-60 RPM, 15K TORQUE ON, 4K TORQUE OFF PU 150 K, 130 K, ROT 150 K PUMP HIGH VIS SWEEPS AS NEEDED
14:00	14:30	1,474.00	1,474.00	21	P	DRLIN1	CHANGE OUT ROT HEAD
14:30	00:00	1,474.00	2,682.00	02	P	DRLIN1	DRILL INT # 1 HOLE SECTION F/ 1,474" T/ 2,682' (1,208" @ 127FT/HR ) 900 GPM, 3850 PSI ON, 3350 PSI OFF, 40-60 RPM, 15K TORQUE ON, 4K TORQUE OFF PU 165K, SO 147K, ROT 160K PUMP HIGH VIS SWEEPS AS NEEDED
24 HOUR SUMMARY							
RIG NAME : PATTERSON 565 WELL NAME:UL McNASSER 0201-17-8H DRILLS / HSE: NATURAL GAS DRILL SPUDDED WELL: 9/26/2020 18:00 SAFETY TOPIC: FINGER AND HAND PLACEMENT, WORKING WITH 3RD PARTY PERSONAL SAFELY, TAKING THE TIME TO DO THE JOB SAFELY, PROPER JOB PLANNING  DFS: 1.8 DOL: 17  NPT: LAST 24 HRS: NPT: TOTAL FOR WELL: 1 HR  REGULATORY NOTIFICATIONS: LAST BOP TEST: LAST BOP DRILL:  CURRENT OPERATIONS AT 06:00: DRLG AHEAD AT 3,300'  24 HR FORECAST: CONTINUE DRLG AHEAD TO CSG POINT  OPERATIONS LAST 24 HOUR: SKID F/ UL McNASSER 0201-17-7H T/ UL McNASSER 0201-17-8H, NIPPLE UP AND PERFORM SHELL TEST 250 LOW 5000 HIGH, PERFORM RIG SERVICE, MAKE UP 12.25" BHA, TIH AND CLEAN OUT SHOE TRACK, CHANGE OUT ROT HEAD, DRILL INT # 1 HOLE SECTION F/ 1,427" T/ 2,682'  FOOTAGE LAST 24 HRS: 1,255' ROP: 125.5'/HR ROTATE: 1,170' @ 93.23% SLIDE: 85' @ 6.77%  LITHOLOGY:  MUD PROPERTIES:MW:10, VIS 28, PV 1, YP 2 PH 10, CHL 171000, LGS: 1.54%  Survey: MD: 2505 INC: 9.36 AZI: 255.23 TVD: 2501.77 VS: 20.75 N+/S- -46.22 E+/W- -84.14 DLS: 2.67 Projection To Bit MD: 2588 INC: 9.36 AZI: 255.23 Distance From Plan 24.5 Center to Center (7H) 92.8  BRINE WATER: TOTAL FRESH WATER FOR TANKS: DAILY CITY FRESH WATER: DISPOSED: CUTTING BOXES DISPOSAL:  RIG KB: 28.5' 20" CONDUCTOR SET @ 110' TD SURFACE @ 1,421' 13.375" SURFACE SET @ 1,401' TD 1ST INTERMEDIATE @ 10.75" 1ST INTERMEDIATE SET @ TD 2ND INTERMEDIATE @ 7 5/8" CASING SET KOP: EOC: TD WELL @ LINER TOP RIG RELEASED:  WPX Wellsite Supervisors - Days: JOE YOUNG, Nights: JEREMY SKATES SCIENTIFIC Directional Drillers: KARL HARPER DAYS, SCOTTY NIGHTS SCIENTIFIC MWD: CALVIN SEARCY DAYS, REMOTE OPS NIGHTS. Mud Engineer: CLAY HAMMAN							

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B&L Casing Service LLC	0.00	13 3/8" 54.5# J-55 SURFACE CASING
	0652	8820	CASING (INT2)	B & L Pipeco Services	0.00	7" 29# VAXP110 2ND CASING
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	9 5/8" 40# J-55 SURFACE CASING \$18.75/FT PLUS 8% TAX
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5.5" PROD LINER CASING
	0650	8949	CEMENT (INT1) - SERVICES	B & L Pipeco Services	0.00	10.75" 45.5# CSG
	0650	8790	CONTINGENCY	WPX Energy	4,235.33	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	7,981.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	426.00	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	750.00	MUD ENGINEER DAILY COST
	0650	8783	FLUID & CUTTINGS DISPOSAL	Blaxtone Energy, LLC	880.00	CHARGES FOR TRUCK FOR CMT JOB
	0650	8783	FLUID & CUTTINGS DISPOSAL	Blaxtone Energy, LLC	880.00	CHARGES FOR TRUCK FOR CMT JOB
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	3,600.00	\$900 PER CUTTINGS BIN
	0650	8774	GENERAL LABOR	Walker Inspection LLC	2,304.45	CHARGES FOR NIPPLE UP AND SHELL TEST
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	80.00	SUPERINTENDENT HOUSES SPLIT BETWEEN RIGS 80.00/DAY
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	882.00	Camp Rental, 8 camps w/ sewer &water. 881.75
	0650	8823	LIVING FACILITIES & SANITATION	Bulldog Chemicals LLC	1,050.00	DISINFECTED CAMPS
	0650	8823	LIVING FACILITIES & SANITATION	Pro Clean	350.00	CHARGES TO CLEAN CO MAN CAMPS
	0650	8837	MUD LOGGING	Field Geo Services Inc	0.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	0.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	0.00	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	DAILY REANTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	40.00	OPEN TOP TANK FOR PANIC LINE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	0.00	32" x 13 5/8" 5M SPACER SPOOL \$25, , 30" x 13 5/8" 10M SPACER SPOOL \$30/DAY, 1 SETS VBR'S \$75/DAY IN STACK, 1-BACK UP SET VBRS, 1 SET OF 4" SOLID BODY RAMS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	1,380.00	Containment area @ \$140 OBM Tank, 6 frac tanks @ \$35 ea, 8X6 pump @ \$110 2 @ Drive Overs @ \$50 2 Open Top @ \$25 Shaker Washer @ \$45, Mud Vac @ \$110, Premix and transfer pumps
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	POWERSAT INTERNET & COMMUNICATIONS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	750.00	25 FRAC TANKS AND 2 OPEN TOP TANK @ \$30 EA / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	DAILY RENTAL ON DIVERTER ORBIT VALVES AND ROT HEAD ASSY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8760	RIG DAYWORK	Patterson Drilling	19,687.50	PATTERSON RATE \$22,500/ DAY
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	RIG MOD COSTS (\$19,125, 85% OF DAILY RIG COST)
	0650	8880	SAFETY - SERVICES	Cannon Safety	85.00	H2S RENTAL EQUIPMENT
	0650	8884	SITE SECURITY	Cannon Safety	400.00	GATE GUARD SPLIT WITH 5 RIGS
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,491.66	2 Centrifuges(\$425/each), 2 feed pumps(\$50/day), 2 Electrical panels(\$50/each), Barite Recovery Skid(\$150), Shaker Tank(\$425), 2 Cuttings boxes(\$50each), Excavator(\$250), 2 Technitions w/ supervisors (\$880 each). STANDBY COST @ \$1866.66
	0650	8917	WELLSITE SUPERVISION	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	WPX Energy	1,005.00	Shared Superintendent/Foreman day rate for Keith, Ian, LANCE, Mike, Brady and Mark, \$4000/day split between 5 rigs
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANDTON, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	JEREMY SKATES, WELL SITE SUPERVISOR
			Daily Total	57,176.94	Daily Mud Cost	1,176.00
			Cumulative Total	550,667.89	Cumulative Mud Cost	8,685.24