

WPX Energy																							
Daily Drilling Report																							
WELL NAME:	UL MCNASSER 0201-17-8H			AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl)		REPORT#:	13		DATE:	11/7/2020						
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	36,501		LATERAL SEC:			DFS:	10.21									
EVENT:	DRILLING			LOCATION:			CUM COST \$:	1,495,257		TD (MD):	10,685.0		LITHOLOGY:										
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38150		TD (TVD):		10,631.5		FORMATION:		BONE SPRING GROUP								
ENGINEER:	D Wayne Johnson			ROT HRS:	0.00				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):		212		/ 212						
TODAY'S DEPTH:		10,685 (usft)		CUM ROT:	123.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		491 / 24,008						
														NAT GAS (DGE):		0.00 / 0.00							
PREV. DEPTH:		10,685 (usft)					RIG::		Patterson 565				SUPERVISOR:		Bo Branton								
PROGRESS:		(usft)		WEATHER: 82° AIR QUALITY 28 GOOD, UV INDEX 5.0, WIND SPEED 20 MPH SE								SUPERVISOR PH. #:		432-203-0226									
PRESENT OPERATION:																							
OPERATION FORECAST:		MAKE UP CURVE BHA, SURFACE TEST MWD, TRIP IN HOLE, TAG FLOAT COLLAR, DISPLACE FW W/ OBM, CLEAN OUT SHOE TRACK AND RAT HOLE, AND BUILD 6.75" CURVE																					
CSG / WELL CONTROL				DRLG DATA				DOWNTIME:				BIT RECORD											
LAST CASING:		7.625(in)		ST WT UP				PRESS				LOSS TIME (hrs):		1.50		BIT #							
DEPTH:		10,680(usft)		ST WT DN				RATE				LOSS TIME INC:		2.00		SIZE							
LAST BOP:		11/7/2020		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:		29.70(ppf)		TQ OFF BTM								CUM RIG DOWN		1.50		DEPTH IN							
CONN:		BTC														DEPTH OUT							
PUMP DATA														DULL CONDITION									
PUMP #		MANU		LINER		STROKE		PRESSURE		GPM													
1		NATIONAL				12																	
2		NATIONAL				12																	
3		NATIONAL				12																	
SURVEY DATA																							
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS									
10,611.00		1.72		115.20		10,557.55		-316.68		-742.33		-316.68		0.44									
10,523.00		1.41		106.66		10,469.59		-315.81		-744.56		-315.81		0.68									
10,429.00		1.11		80.40		10,375.61		-315.63		-746.57		-315.63		0.38									
10,334.00		0.76		76.14		10,280.62		-315.93		-748.09		-315.93		0.22									
10,239.00		0.57		68.93		10,185.63		-316.25		-749.14		-316.25		0.31									
MUD DATA																							
Date: 11/7/2020 6:00:00PM				MUD TYPE INVERT				CHECK DEPTH 10,685				FL TEMP		WATER 16.25 (%)		OIL 61.00 (%)		SAND (%)					
GELS (14.0/18.0				Filter Cak 3.0 (32nd")				HTHP 10.0				MW 12.60		VISC 68.00		TEMP 150.00		ECD					
PV/YP 23.0/9.0				MBT				pH Pm		Pf Mf		Cl-		Total Hard		K+							
Lubricant %				ES 550.0				WPS 278,099		CaCl2 27.8		WATER 21.00 (%)		OIL 79.00 (%)		HGS 14.40 (%)							
LGS 6.68 (%)				SOLIDS 22.75 (%)				H2S (ppm)		6/3 8.00 / 7.00													
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	
		4		1,167.57																			
Adjustable Stabilizer		0		8.60		DRILL-N-REAM												5.250		3.00		425.00	
Drill Pipe		1		1,043.18		4.5" DELTA 425												4.500		3.83		425.00	
Cross Over		2		4.65		4" FH X 4.5" DELTA 425												5.250		2.25		425.00	
Filter		3		3.15		FILTER SUB												5.312		2.25		4.00	
Non-Mag Drill Collar		4		30.22		NMDC												5.312		2.75		4.00	
Pulser Sub		5		5.39		PULSER SUB												5.312		2.69		4.00	
Non-Mag Drill Collar		6		30.57		NMDC												5.312		2.75		4.00	
Float Sub		7		4.00		FLOAT SUB												5.312		2.50		4.00	
Steerable Motor		8		36.81		SDI, 5", 6/7, 10.4, REV/GAL .70, 2.0° FIXED BEND, BORED FOR FLOAT, SLICK												5.000				4.00	
Polycrystalline Diamond Bit		9		1.00		BAKER DD306TWX 6.75" PDC JETS 3X10,3X11 TFA .509												6.750				3.50	
BHA HRS		0.00		MTR HRS		0.00																	
JAR HRS				MWD Hrs		0.00																	
OPERATIONS (00:00)																							
OPERATION COMMENT				WALK RIG FROM UL McNASSER 9H TO UL McNASSER 8H, WALK CATWALK, HOOK UP VIBRATOR HOSE, N/U CACTUS SPEED HEAD AND SPOOL, SET DOWN BOP AND TORQUE BOLTS WITH WALKER, TEST CHOKE/KILL LINE, VALVES, AND RAMS TO 250 PSI LOW AND 8,500 PSI HIGH, TEST ANNULAR TO 250 PSI LOW & 3500 PSI HIGH,TEST ORBIT VALVE & ROTATING HEAD TO 250 PSI LOW AND 1,500 PSI HIGH, TEST MUD LINES TO 7,500 FOR 10 MINS, TEST CASING TO 2500 PSI FOR 30 MIN, R/D TESTER AND INSTALL WEAR BUSHING WITH CACTUS TECH, SLIP AND CUR DRILL LINE 150'																			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																
13:00	14:30	10,685.00	10,685.00	01	P	F_INT2	PJSM WITH RIG CREW, WALK RIG FROM UL McNASSER 9H TO UL McNASSER 8H, WALK CATWALK, HOOK UP VIBRATOR HOSE																
14:30	17:00	10,685.00	10,685.00	14	P	F_INT2	N/U CACTUS SPEED HEAD AND SPOOL, SET DOWN BOP AND TORQUE BOLTS WITH WALKER.																
17:00	22:00	10,685.00	10,685.00	15	P	F_INT2	TEST CHOKE/KILL LINE, VALVES, AND RAMS TO 250 PSI LOW AND 8,500 PSI HIGH, TEST ANNULAR TO 250 PSI LOW & 3500 PSI HIGH,TEST ORBIT VALVE & ROTATING HEAD TO 250 PSI LOW AND 1,500 PSI HIGH, TEST MUD LINES TO 7,500 FOR 10 MINS, PERFORM DRAW DOWN TEST ON KOOMEY, TEST CASING TO 2500 PSI FOR 30 MIN																
22:00	23:00	10,685.00	10,685.00	21	P	F_INT2	R/D TESTER AND INSTALL WEAR BUSHING WITH CACTUS TECH																
23:00	00:00	10,685.00	10,685.00	09	P	F_INT2	SLIP AND CUR DRILL LINE 150'																

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17-8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE:
SPUDDED WELL: 9/26/2020 18:00
SAFETY TOPIC: WALKING RIG, NIPPLE UP AND TEST, HIGH PRESSURE LINES, BUFFER ZONES, FLUID TRANSFERS
DFS: 10.21
DOL: 48.0

NPT: LAST 24 HRS:
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:
LAST BOP TEST: 11/7/2020
LAST BOP DRILL: 10/13/2020

CURRENT OPERATIONS AT 06:00:

24 HR FORECAST: MAKE UP CURVE BHA, SURFACE TEST MWD, TRIP IN HOLE, TAG FLOAT COLLAR, DISPLACE FW W/ OBM, CLEAN OUT SHOE TRACK AND RAT HOLE, AND BUILD 6.75" CURVE

OPERATIONS LAST 24 HOUR: WALK RIG FROM UL McNASSER 9H TO UL McNASSER 8H, WALK CATWALK, HOOK UP VIBRATOR HOSE, N/U CACTUS SPEED HEAD AND SPOOL, SET DOWN BOP AND TORQUE BOLTS WITH WALKER, TEST CHOKE/KILL LINE, VALVES, AND RAMS TO 250 PSI LOW AND 8,500 PSI HIGH, TEST ANNULAR TO 250 PSI LOW & 3500 PSI HIGH,TEST ORBIT VALVE & ROTATING HEAD TO 250 PSI LOW AND 1,500 PSI HIGH, TEST MUD LINES TO 7,500 FOR 10 MINS, TEST CASING TO 2500 PSI FOR 30 MIN, R/D TESTER AND INSTALL WEAR BUSHING WITH CACTUS TECH, SLIP AND CUR DRILL LINE 150'

FOOTAGE LAST 24 HRS:
ROP:
ROTATE:
SLIDE:

LITHOLOGY: 60% LS, 40% SH @ 10,685' MD

MUD PROPERTIES: MW: 12.6, VIS 68, PV 23, YP 9, ES 550, WPS 278099, LGS: 6.68%

Survey:
MD: 10611
INC: 1.72
AZI: 115.2
TVD: 10557.55
VS: 96.05
DLS: 0.44
Projection To Bit
MD: 10685
INC: 1.72
AZI: 115.2
Above/Below 14.8' A
Left/Right 1.7' L

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER: 360
DISPOSED: CUTTING BOXES
DISPOSAL: 75 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,830'
RIG RELEASE F/ 2ND 10/15/2020 10:00 HRS
EOC:
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days: BO BRANTON, Nights: JIMMY VARELA
SCIENTIFIC Directional Drillers: KARL HARPER DAYS, PABEL BAHENA NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: MIKE EYEINGTON 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	2,703.78	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	4,000.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	0.00	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	0.00	MUD ENGINEER DAILY COST
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	\$900 PER CUTTINGS BIN
	0650	8774	GENERAL LABOR	Walker Inspection LLC	1,664.33	CHARGES TO N/D BOP
	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	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	1,305.20	SERVICE AND REPAIR SUPER CHOKE, INSPECT AND ENSURE ALL EQUIPMENT R/D AND OPERATIONAL 30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	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	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)	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)	Iron Horse Tools LLC	450.00	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	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	DAILY RENTAL ON DIVERTER ORBIT VALVES AND ROT HEAD ASSY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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	8760	RIG DAYWORK	Patterson Drilling	7,026.04	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	1,195.31	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	1,000.00	GATE GUARD
	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	8742	TRUCKING	Zoom Hot Shot & Transportation	345.00	DELIVER AGITATOR
	0650	8917	WELLSITE SUPERVISION	CD Consulting	0.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	JIMMY VARELA, 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 BRANTON, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JEREMY SKATES, WELL SITE SUPERVISOR
			Daily Total	36,500.97	Daily Mud Cost	0.00
			Cumulative Total	1,495,257.22	Cumulative Mud Cost	29,850.24

WPX Energy																			
Daily Drilling Report																			
WELL NAME:	UL MCNASSER 0201-17-8H		AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl)		REPORT#:	14		DATE:	11/8/2020			
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	67,970		LATERAL SEC:			DFS:	10.67						
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,545,669		TD (MD):	11,184.0		LITHOLOGY:							
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		APi: 42-475-38150		TD (TVD):		11,089.1		FORMATION:		BONE SPRING GROUP					
ENGINEER:	D Wayne Johnson		ROT HRS:	15.00				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):		1,481 / 1,693					
TODAY'S DEPTH:		11,184 (usft)	CUM ROT:	138.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,716 / 25,724			
													NAT GAS (DGE):		0.00 / 0.00				
PREV. DEPTH:		10,685 (usft)				RIG::		Patterson 565				SUPERVISOR:		Bo Branton					
PROGRESS:		499 (usft)	WEATHER: 90° AIR QUALITY 23 GOOD, UV INDEX 5.0, WIND SPEED 17 MPH SE									SUPERVISOR PH. #:		432-203-0226					
PRESENT OPERATION:		DRLG CURVE AT 11,510'																	
OPERATION FORECAST:		LAND CURVE AND CONTINUE DRLG AHEAD IN 6.75" LATERAL STAYING WITHIN THE GEOLOGICAL TARGETS																	
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:				BIT RECORD									
LAST CASING:	7.625(in)	ST WT UP	230.0	PRESS	4,200.00	LOSS TIME (hrs):		1.50		BIT #	5	RPM	246						
DEPTH:	10,680(usft)	ST WT DN	197.0	RATE	350.0	LOSS TIME INC:		2.00		SIZE	6-3/4 (")	HHP	113.74						
LAST BOP:	11/7/2020	ST WT ROT	208.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX	P BIT	554.63						
LOT EMW:		TQ ON BTM	6,500.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-11, 3-10								
WEIGHT LB/FT:	29.70(ppf)	TQ OFF BTM	4,500.0			CUM RIG DOWN		1.50		DEPTH IN	10,685.0								
CONN:	BTC									DEPTH OUT									
PUMP DATA										ROP-last 24 I				33.3					
PUMP #	MANU		LINER		STROKE		PRESSURE		GPM		CUM. FT	499.0							
1	NATIONAL				12						CUM. HRS	15.00							
2	NATIONAL		4.750		12		4,200.00		175.8		ROP/Cum-ent	33.3							
3	NATIONAL		4.750		12		4,200.00		175.8		WOB	20.0-40.0							
SURVEY DATA										DULL CONDITION									
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS			I	O	D	L	B	R	G	T		
11,067.00	37.66	164.17	10,996.49	-396.34	-717.32	-396.34	16.33										-		
10,972.00	22.19	166.46	10,914.40	-350.70	-729.51	-350.70	14.03												
10,877.00	8.86	166.46	10,823.08	-326.03	-735.45	-326.03	8.68												
10,783.00	1.28	113.22	10,729.49	-318.57	-738.12	-318.57	0.38												
10,719.00	1.52	113.70	10,665.51	-317.95	-739.55	-317.95	0.19												
MUD DATA																			
Date: 11/8/2020 6:00:00PM		MUD TYPE INVERT		CHECK DEPTH 10,904		FL TEMP 104.00		WATER 16.25 (%)		OIL 61.00 (%)		SAND (%)							
GELS (10.0/18.0		Filter Cak 3.0 (32nd")		HTHP 10.0		MW 12.60		VISC 60.00		TEMP 150.00		ECD 13.90							
PV/YP 23.0/8.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+							
Lubricant %		ES 632.0		WPS 273,044		CaCl2 27.3		WATER 21.00 (%)		OIL 79.00 (%)		HGS 14.44 (%)							
LGS 6.68 (%)		SOLIDS 22.75 (%)		H2S (ppm)		6/3 8.00 / 7.00													
COMMENTS																			
MUD GAS DATA																			
CONNECTION MAX				169.00		TRIP MAX				0.00		BACKGROUND MAX				201.00			
CURRENT BHA																			
DESCRIPTION		NUMBER	LENGTH	DRILL ROT		DRILL SLIDE		P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
		4	1,167.57	499.00				230.00	197.00	208.0	6,500.0								
Adjustable Stabilizer		0	8.60	DRILL-N-REAM								5.250	3.00	425.00					
Drill Pipe		1	1,043.18	4.5" DELTA 425								4.500	3.83	425.00					
Cross Over		2	4.65	4" FH X 4.5" DELTA 425								5.250	2.25	425.00					
Filter		3	3.15	FILTER SUB								5.312	2.25	4.00					
Non-Mag Drill Collar		4	30.22	NMDC								5.312	2.75	4.00					
Pulser Sub		5	5.39	PULSER SUB								5.312	2.69	4.00					
Non-Mag Drill Collar		6	30.57	NMDC								5.312	2.75	4.00					
Float Sub		7	4.00	FLOAT SUB								5.312	2.50	4.00					
Steerable Motor		8	36.81	SDI, 5", 6/7, 10.4, REV/GAL .70, 2.0° FIXED BEND, BORED FOR FLOAT, SLICK								5.000		4.00					
Polycrystalline Diamond Bit		9	1.00	BAKER DD306TWX 6.75" PDC JETS 3X10,3X11 TFA .509								6.750		3.50					
BHA HRS 15.00		MTR HRS 15.00																	
JAR HRS		MWD Hrs 15.00																	
OPERATIONS (00:00)																			
OPERATION COMMENT			PERFORM RIG SERIVCE, CALIBRATE BLOCKS, PICK UP CURVE BHA, TIH F/ 115' TO 1,158', P/U DRILL-N-REAM, TIH F/ 1,167' TO 10,633', CLEAN OUT 7 5/8" SHOE TRACK F/ 10,633' TO 10,680' TAGGED FLOAT @ 10,633' TAGGED SHOE @ 10,659', DISPLACE HOLE WITH 12.6 PPG OBM WHILE DRILLING SHOE TRACK, DRILL 6.75" VERTICAL SECTION F/ 10,685' T/ 10,820', DRILL 6.75" CURVE SECTION F/ 10,820' T/ 11,184'																
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS												
00:00	00:30	10,685.00	10,685.00	07	P	F_INT2	PERFORM RIG SERIVCE, CALIBRATE BLOCKS												
00:30	02:00	10,685.00	10,685.00	06	P	F_INT2	PICK UP CURVE BHA AS FOLLOWS. - DRILL-N-REAM - 11 STD'S OF 4.5" DP - XO - 4" FH X 4.5" DELTA 425 - FILTER SUB - NMDC - SSL PULSER SUB - NMDC - FLOAT SUB - MOTOR - 5.15" SDI TITAN 22 6:7, 10.4, FBH @ 2.0°, .70 RPG, SLICK. - BAKER DD306TWX 6.75" PDC SN: 5315583 3X10, 3X11 TFA .509 NOTE: FLOW RANGE ON MOTOR AND MWD 225-425 GPM MAX DIFF ON MOTOR = 2340 PSI GOOD SURFACE TEST ON MWD												
02:00	06:00	10,685.00	10,685.00	06	P	F_INT2	TIH F/ 115' TO 1,158', P/U DRILL-N-REAM, TIH F/ 1,167' TO 10,633', FILL PIPE EVERY 30 STANDS.												
06:00	09:00	10,685.00	10,685.00	03	P	F_INT2	CLEAN OUT 7 5/8" SHOE TRACK F/ 10,633' TO 10,680' TAGGED FLOAT @ 10,633' TAGGED SHOE @ 10,659', DISPLACE HOLE WITH 12.6 PPG OBM WHILE DRILLING SHOE TRACK.												
09:00	12:30	10,685.00	10,820.00	02	P	DRLCUR	DRILL 6.75" VERTICAL SECTION F/ 10,685' T/ 10,820' (135' @ 38.6 FPH) GPM: 275, DIFF: 450 TQ: 3,500 K TO 4,500 K, PSI ON BTM: 3,385 PSI OFF: 2,750, WOB: 28-32K, PU: 230K, SO: 178K, ROT: 188K												
12:30	00:00	10,820.00	11,184.00	02	P	DRLCUR	DRILL 6.75" CURVE SECTION F/ 10,820' T/ 11,184' (364' @ 32' FPH) GPM: 350, DIFF: 700, PSI ON BTM: 4,200 PSI OFF: 3,500, WOB: 25K TO 35K PU: 230K, SO: 197K, ROT: 208K												

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17-8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE:
SPUDED WELL: 9/26/2020 18:00
SAFETY TOPIC: WORKING BHA, TRIPPING HOLE, PROPER TAIL ROPE, ST-80 OPERATIONS, MIXING MUD WEEKEND SAFETY

DFS: 11.21
DOL: 49.0

NPT: LAST 24 HRS:
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:
LAST BOP TEST: 11/7/2020
LAST BOP DRILL: 11/08/2020

CURRENT OPERATIONS AT 06:00: DRLG CURVE AT 11,510'

24 HR FORECAST: LAND CURVE AND CONTINUE DRLG AHEAD IN 6.75" LATERAL STAYING WITHIN THE GEOLOGICAL TARGETS

OPERATIONS LAST 24 HOUR: PERFORM RIG SERIVCE, CALIBRATE BLOCKS, PICK UP CURVE BHA, TIH F/ 115' TO 1,158', P/U DRILL-N-REAM, TIH F/ 1,167' TO 10,633', CLEAN OUT 7 5/8" SHOE TRACK F/ 10,633' TO 10,680' TAGGED FLOAT @ 10,633' TAGGED SHOE @ 10,659', DISPLACE HOLE WITH 12.6 PPG OBM WHILE DRILLING SHOE TRACK, DRILL 6.75" VERTICAL SECTION F/ 10,685' T/ 10,820', DRILL 6.75" CURVE SECTION F/ 10,820' T/ 11,184'

FOOTAGE LAST 24 HRS: 499'
ROP: 33.26'/HR
ROTATE: 180' @ 36.07%
SLIDE: 319' @ 63.93%

LITHOLOGY: 65% LS, 35% SH @ 11,100' MD

MUD PROPERTIES: MW: 12.6, VIS 60, PV 23, YP 8, ES 632, WPS 273044, LGS: 6.68%

Survey:
MD: 11067.00
INC: 37.66
AZI: 164.17
TVD: 10996.49
VS: 179.51
N+/S-: -396.38
E+/W-: -717.40
DLS: 16.32
U+/D-: 22.36 A
L+/R-: 9.09 R
Temp: 160
PROJECTION TO BIT
MD: 11130.00
INC: 44.60
AZI: 161.00
TVD: 11043.92
VS: 220.89
N+/S-: 435.82 S
E+/W-: 704.86 W
U+/D-: 31.47 A
L+/R-: 9.33 R
BRN: 8.10
MY: 17.20
EOC:
MD: 11,690.00
INC: 90.00
AZI: 164.00
TVD: 11,254.46
N+/S- 916.36 S
E+/W- 555.76 W
VS 723.96
U/D 0.46 B
L/R 3.59 R

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER: 360
DISPOSED: CUTTING BOXES
DISPOSAL: 75 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,830'
RIG RELEASE F/ 2ND 10/15/2020 10:00 HRS
EOC:
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days: BO BRANTON, Nights: JIMMY VARELA
SCIENTIFIC Directional Drillers: KARL HARPER DAYS, PABEL BAHENA NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: MIKE EYEINGTON 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	5,034.82	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	18,525.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	7,639.00	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	0.00	MUD ENGINEER DAILY COST
	0650	8167	DYED DIESEL-MUD TANKS	FuelCo Energy, LLC	10,288.60	CHARGES FOR MUD DIESEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	\$900 PER CUTTINGS BIN
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	882.00	Camp Rental, 8 camps w/ sewer &water. 881.75
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	80.00	SUPERINTENDENT HOUSES SPLIT BETWEEN RIGS 80.00/DAY
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	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	40.00	OPEN TOP TANK FOR PANIC LINE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	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)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	POWERSAT INTERNET & COMMUNICATIONS
	0650	8760	RIG DAYWORK	Patterson Drilling	7,026.04	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	1,195.31	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	1,000.00	GATE GUARD
	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	AIP	0.00	JEREMY SKATES, WELL SITE 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	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	CD Consulting	0.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANTON, WELLSITE SUPERVISOR
			Daily Total	67,970.08	Daily Mud Cost	17,927.60
			Cumulative Total	1,545,669.20	Cumulative Mud Cost	47,777.84

WPX Energy																					
Daily Drilling Report																					
WELL NAME:	UL MCNASSER 0201-17-8H		AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl)		REPORT#:	14		DATE:	11/8/2020					
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	67,970		LATERAL SEC:			DFS:	11.21								
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,545,669		TD (MD):	11,184.0		LITHOLOGY:									
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		APi: 42-475-38150		TD (TVD):		11,089.1		FORMATION:		BONE SPRING GROUP							
ENGINEER:	D Wayne Johnson		ROT HRS:	15.00				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):		1,481 / 1,693							
TODAY'S DEPTH:		11,184 (usft)	CUM ROT:	138.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,716 / 25,724					
													NAT GAS (DGE):		0.00 / 0.00						
PREV. DEPTH:		10,685 (usft)				RIG::		Patterson 565				SUPERVISOR:		Bo Branton							
PROGRESS:		499 (usft)	WEATHER: 90° AIR QUALITY 23 GOOD, UV INDEX 5.0, WIND SPEED 17 MPH SE									SUPERVISOR PH. #:		432-203-0226							
PRESENT OPERATION:		DRLG CURVE AT 11,510'																			
OPERATION FORECAST:		LAND CURVE AND CONTINUE DRLG AHEAD IN 6.75" LATERAL STAYING WITHIN THE GEOLOGICAL TARGETS																			
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD													
LAST CASING:	7.625(in)	ST WT UP	230.0	PRESS	4,200.00	LOSS TIME (hrs):		1.50	BIT #	5	RPM	246									
DEPTH:	10,680(usft)	ST WT DN	197.0	RATE	350.0	LOSS TIME INC:		2.00	SIZE	6-3/4 (")	HHP	113.74									
LAST BOP:	11/7/2020	ST WT ROT	208.0	DP AV		NEAR MISSES:		0.00	TYPE	DD306TWX	P BIT	554.63									
LOT EMW:		TQ ON BTM	6,500.0	DC AV		24 HR RIG DOWN:		0.00	JETS	3-11, 3-10											
WEIGHT LB/FT:	29.70(ppf)	TQ OFF BTM	4,500.0			CUM RIG DOWN		1.50	DEPTH IN	10,685.0											
CONN:	BTC								DEPTH OUT												
PUMP DATA									ROP-last 24 I				33.3								
PUMP #	MANU		LINER	STROKE		PRESSURE		GPM	CUM. FT	499.0											
1	NATIONAL			12					CUM. HRS	15.00											
2	NATIONAL		4.750	12		4,200.00		175.8	ROP/Cum-ent	33.3											
3	NATIONAL		4.750	12		4,200.00		175.8	WOB	20.0-40.0											
SURVEY DATA													DULL CONDITION								
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS						I	O	D	L	B	R	G	T	
11,067.00	37.66	164.17	10,996.49	-396.34	-717.32	-396.34	16.33														
10,972.00	22.19	166.46	10,914.40	-350.70	-729.51	-350.70	14.03														
10,877.00	8.86	166.46	10,823.08	-326.03	-735.45	-326.03	8.68														
10,783.00	1.28	113.22	10,729.49	-318.57	-738.12	-318.57	0.38														
10,719.00	1.52	113.70	10,665.51	-317.95	-739.55	-317.95	0.19														
MUD DATA																					
Date: 11/8/2020 6:00:00PM		MUD TYPE INVERT		CHECK DEPTH	10,904	FL TEMP 104.00		WATER 16.25 (%)		OIL 61.00 (%)	SAND (%)										
GELS (10.0/18.0		Filter Cak	3.0 (32nd")	HTHP 10.0		MW 12.60		VISC 60.00		TEMP 150.00	ECD 13.90										
PV/YP 23.0/8.0		MBT		pH	Pm	Pf	Mf	Cl-		Total Hard	K+										
Lubricant %		ES	632.0	WPS	273,044	CaCl2 27.3		WATER 21.00 (%)		OIL 79.00 (%)	HGS 14.44 (%)										
LGS 6.68 (%)		SOLIDS	22.75 (%)	H2S	(ppm)	6/3 8.00 / 7.00															
COMMENTS																					
MUD GAS DATA																					
CONNECTION MAX				169.00		TRIP MAX				0.00		BACKGROUND MAX				201.00					
CURRENT BHA																					
DESCRIPTION		NUMBER	LENGTH	DRILL ROT		DRILL SLIDE		P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE							
		4	1,167.57	499.00				230.00	197.00	208.0	6,500.0										
Adjustable Stabilizer		0	8.60	DRILL-N-REAM									5.250	3.00	425.00						
Drill Pipe		1	1,043.18	4.5" DELTA 425									4.500	3.83	425.00						
Cross Over		2	4.65	4" FH X 4.5" DELTA 425									5.250	2.25	425.00						
Filter		3	3.15	FILTER SUB									5.312	2.25	4.00						
Non-Mag Drill Collar		4	30.22	NMDC									5.312	2.75	4.00						
Pulser Sub		5	5.39	PULSER SUB									5.312	2.69	4.00						
Non-Mag Drill Collar		6	30.57	NMDC									5.312	2.75	4.00						
Float Sub		7	4.00	FLOAT SUB									5.312	2.50	4.00						
Steerable Motor		8	36.81	SDI, 5", 6/7, 10.4, REV/GAL .70, 2.0° FIXED BEND, BORED FOR FLOAT, SLICK									5.000		4.00						
Polycrystalline Diamond Bit		9	1.00	BAKER DD306TWX 6.75" PDC JETS 3X10,3X11 TFA .509									6.750		3.50						
BHA HRS 15.00		MTR HRS 15.00																			
JAR HRS		MWD Hrs 15.00																			
OPERATIONS (00:00)																					
OPERATION COMMENT			PERFORM RIG SERIVCE, CALIBRATE BLOCKS, PICK UP CURVE BHA, TIH F/ 115' TO 1,158', P/U DRILL-N-REAM, TIH F/ 1,167' TO 10,633', CLEAN OUT 7 5/8" SHOE TRACK F/ 10,633' TO 10,680' TAGGED FLOAT @ 10,633' TAGGED SHOE @ 10,659', DISPLACE HOLE WITH 12.6 PPG OBM WHILE DRILLING SHOE TRACK, DRILL 6.75" VERTICAL SECTION F/ 10,685' T/ 10,820', DRILL 6.75" CURVE SECTION F/ 10,820' T/ 11,184'																		
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS														
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00:30	02:00	10,685.00	10,685.00	06	P	F_INT2	PICK UP CURVE BHA AS FOLLOWS. - DRILL-N-REAM - 11 STD'S OF 4.5" DP - XO - 4" FH X 4.5" DELTA 425 - FILTER SUB - NMDC - SSL PULSER SUB - NMDC - FLOAT SUB - MOTOR - 5.15" SDI TITAN 22 6:7, 10.4, FBH @ 2.0°, .70 RPG, SLICK. - BAKER DD306TWX 6.75" PDC SN: 5315583 3X10, 3X11 TFA .509 NOTE: FLOW RANGE ON MOTOR AND MWD 225-425 GPM MAX DIFF ON MOTOR = 2340 PSI GOOD SURFACE TEST ON MWD														
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09:00	12:30	10,685.00	10,820.00	02	P	DRLCUR	DRILL 6.75" VERTICAL SECTION F/ 10,685' T/ 10,820' (135' @ 38.6 FPH) GPM: 275, DIFF: 450 TQ: 3,500 K TO 4,500 K, PSI ON BTM: 3,385 PSI OFF: 2,750, WOB: 28-32K, PU: 230K, SO: 178K, ROT: 188K														
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24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17-8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE:
SPUDDED WELL: 9/26/2020 18:00
SAFETY TOPIC: WORKING BHA, TRIPPING HOLE, PROPER TAIL ROPE, ST-80 OPERATIONS, MIXING MUD WEEKEND SAFETY

DFS: 11.21
DOL: 49.0

NPT: LAST 24 HRS:
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:
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LAST BOP DRILL: 11/08/2020

CURRENT OPERATIONS AT 06:00: DRLG CURVE AT 11,510'

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VS: 179.51
N+/S-: -396.38
E+/W-: -717.40
DLS: 16.32
U+/D-: 22.36 A
L+/R-: 9.09 R
Temp: 160
PROJECTION TO BIT
MD: 11130.00
INC: 44.60
AZI: 161.00
TVD: 11043.92
VS: 220.89
N+/S-: 435.82 S
E+/W-: 704.86 W
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TVD: 11,254.46
N+/S- 916.36 S
E+/W- 555.76 W
VS 723.96
U/D 0.46 B
L/R 3.59 R

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER: 360
DISPOSED: CUTTING BOXES
DISPOSAL: 75 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,830'
RIG RELEASE F/ 2ND 10/15/2020 10:00 HRS
EOC:
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days: BO BRANTON, Nights: JIMMY VARELA
SCIENTIFIC Directional Drillers: KARL HARPER DAYS, PABEL BAHENA NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: MIKE EYEINGTON 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	5,034.82	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	18,525.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	7,639.00	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	0.00	MUD ENGINEER DAILY COST
	0650	8167	DYED DIESEL-MUD TANKS	FuelCo Energy, LLC	10,288.60	CHARGES FOR MUD DIESEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	0.00	\$900 PER CUTTINGS BIN
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	882.00	Camp Rental, 8 camps w/ sewer &water. 881.75
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	80.00	SUPERINTENDENT HOUSES SPLIT BETWEEN RIGS 80.00/DAY
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	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	40.00	OPEN TOP TANK FOR PANIC LINE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	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)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	POWERSAT INTERNET & COMMUNICATIONS
	0650	8760	RIG DAYWORK	Patterson Drilling	7,026.04	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	1,195.31	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	1,000.00	GATE GUARD
	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	AIP	0.00	JEREMY SKATES, WELL SITE 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	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	CD Consulting	0.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANTON, WELLSITE SUPERVISOR
			Daily Total	67,970.08	Daily Mud Cost	17,927.60
			Cumulative Total	1,545,669.20	Cumulative Mud Cost	47,777.84

WPX Energy																			
Daily Drilling Report																			
WELL NAME:	UL MCNASSER 0201-17-8H		AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl)		REPORT#:	15	DATE:	11/9/2020				
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	82,385		LATERAL SEC:			DFS:	11.67						
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,638,345		TD (MD):	12,418.0		LITHOLOGY:							
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		APi: 42-475-38150		TD (TVD):		11,274.3		FORMATION:		WOLFCAMP A					
ENGINEER:	D Wayne Johnson		ROT HRS:	23.50				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):		2,757 / 4,450					
TODAY'S DEPTH:		12,418 (usft)	CUM ROT:	162.00		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,304 / 28,028			
													NAT GAS (DGE):		0.00 / 0.00				
PREV. DEPTH:		11,184 (usft)					RIG::		Patterson 565				SUPERVISOR:		Bo Branton				
PROGRESS:		1,234 (usft)	WEATHER: CURRENTLY 51° W/ CLEAR SKIES,WINDS F/ THE NNW @ 9-12 MPH, NO PRECIP									SUPERVISOR PH. #:		432-203-0226					
PRESENT OPERATION:		DRLG LTERAL SECTION @ 12,765'																	
OPERATION FORECAST:		DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG																	
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD											
LAST CASING:	7.625(in)	ST WT UP	245.0	PRESS	4,400.00	LOSS TIME (hrs):		1.50		BIT #	5	RPM	228						
DEPTH:	10,680(usft)	ST WT DN	180.0	RATE	325.0	LOSS TIME INC:		2.00		SIZE	6-3/4 (")		HHP	90.13					
LAST BOP:	11/7/2020	ST WT ROT	220.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	474.94					
LOT EMW:		TQ ON BTM	8,500.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-11, 3-10								
WEIGHT LB/FT:	29.70(ppf)	TQ OFF BTM	4,500.0			CUM RIG DOWN		1.50		DEPTH IN	10,685.0								
CONN:	BTC									DEPTH OUT									
PUMP DATA													DULL CONDITION						
PUMP #	MANU		LINER		STROKE		PRESSURE		GPM										
1	NATIONAL				12														
2	NATIONAL		4.750		12		4,400.00		162.7										
3	NATIONAL		4.750		12		4,400.00		162.7										
SURVEY DATA																			
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS		I				O	D	L	B	R	G	T
12,380.00	90.94	161.91	11,274.92	-1,575.19	-347.52	-1,575.19	1.89												
12,287.00	91.11	163.66	11,276.58	-1,486.37	-375.04	-1,486.37	2.94												-
12,193.00	88.93	161.96	11,276.61	-1,396.58	-402.82	-1,396.58	0.58												
12,101.00	89.33	162.31	11,275.22	-1,309.03	-431.04	-1,309.03	2.12												
12,008.00	87.39	161.94	11,272.56	-1,220.56	-459.57	-1,220.56	1.22												
MUD DATA																			
Date: 11/9/2020 6:00:00PM		MUD TYPE INVERT		CHECK DEPTH 11,978		FL TEMP 116.00		WATER 15.50 (%)		OIL 61.75 (%)		SAND (%)							
GELS (9.0/16.0		Filter Cak 3.0 (32nd")		HTHP 9.4		MW 12.60		VISC 56.00		TEMP 150.00		ECD 13.72							
PV/YP 22.0/9.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+							
Lubricant %		ES 648.0		WPS 277,288		CaCl2 27.3		WATER 20.00 (%)		OIL 80.00 (%)		HGS 14.55 (%)							
LGS 6.61 (%)		SOLIDS 22.75 (%)		H2S (ppm)		6/3 8.00 / 7.00													
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					
		4	1,167.57	1,234.00				245.00	180.00	220.0	8,500.0								
Drill Pipe		0	11,250.43	111 STD'S 4.5" D425 DRILL PIPE								4.500	2.83	425.00					
Adjustable Stabilizer		1	8.60	DRILL-N-REAM								5.250	3.00						
Drill Pipe		2	1,043.18	4.5" DELTA 425								4.500	3.83						
Cross Over		3	4.65	4" FH X 4.5" DELTA 425								5.250	2.25						
Filter		4	3.15	FILTER SUB								5.312	2.25						
Non-Mag Drill Collar		5	30.22	NMDC								5.312	2.75						
Pulser Sub		6	5.39	PULSER SUB								5.312	2.69						
Non-Mag Drill Collar		7	30.57	NMDC								5.312	2.75						
Float Sub		8	4.00	FLOAT SUB								5.312	2.50						
Steerable Motor		9	36.81	SDI, 5", 6/7, 10.4, REV/GAL .70, 2.0° FIXED BEND, BORED FOR FLOAT, SLICK								5.000	4.00						
Polycrystalline Diamond Bit		10	1.00	BAKER DD306TWX 6.75" PDC JETS 3X10,3X11 TFA .509								6.750	3.50						
BHA HRS 23.50		MTR HRS 23.50																	
JAR HRS		MWD Hrs 23.50																	
OPERATIONS (00:00)																			
OPERATION COMMENT				CONT DRLG CURVE SECTION F/ 11,184' - 11,792', DRLG LATERAL F/ 11,792' - 11,976', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 11,976' - 12,418'															
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS												
00:00	12:00	11,184.00	11,792.00	02	P	DRLCUR	DRILL 6.75" CURVE SECTION F/ 11,184' T/ 11,792' (608' @ 50.7° FPH) GPM: 300, DIFF: 450-600, PSI ON BTM: 3,750 PSI OFF: 3,200, WOB: 25K TO 35K, RPMS: 50 PU: 240 K, SO: 202 K, ROT: 220 K Survey: Projection To Bit MD: 11729 MD 11792 INC: 87.12 INC: 87.12 AZI: 162.08 AZI: 162.08 TVD: 11255.89 TVD 11258.91 N+/S-: -956.1 E+/W-: -546.85 A/B: 7.5' A VS: 764.61 L/R: 6' L DLS: 1 TEMP: 170°F EOC @ 11,729' 87.12° INC, 162.08° AZM, 11,255.89' TVD												
12:00	16:00	11,792.00	11,976.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 11,792' T/ 11,976' (184' @ 46.0 FPH) GPM: 300, DIFF: 400, PSI ON BTM: 4500 PSI OFF: 4000, RPM 70, TRQ, 9000K, WOB: 28K, PU: 235K, SO: 180K, ROT: 205K,												
16:00	16:30	11,976.00	11,976.00	07	P	DRLPRO	RIG SERVICE AND TOPDRIVE SERVICE, DROPS INSPECTION AND NO FLOW												
16:30	00:00	11,976.00	12,418.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 11,976' T/ 12,418' (442' @ 58.9 FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,400 PSI OFF: 3,550, RPM 70, TRQ, 8,500 K, WOB: 28-32K, PU: 245 K, SO: 198 K, ROT: 25 K,												

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17-8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE: MEDICAL DRILL
SPUDDED WELL: 9/26/2020 18:00
SAFETY TOPIC: MAKING MOUSEHOLE CONNECTIONS, TUBULAR HANDLING, CROSS TRAINING, HEARING SAFETY

DFS: 11.67
DOL: 50.0

NPT: LAST 24 HRS:
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:
LAST BOP TEST: 11/07/2020
BOP TEST DUE: 11/28/2020
LAST BOP DRILL: 11/09/2020

CURRENT OPERATIONS AT 06:00: DRLG LTERAL SECTION @ 12,765'

24 HR FORECAST: DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG

OPERATIONS LAST 24 HOUR: CONT DRLG CURVE SECTION F/ 11,184' - 11,792', DRLG LATERAL F/ 11,792' - 11,976', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 11,976' - 12,418'

FOOTAGE LAST 24 HRS: 1,234'
ROP: 52.5' FT/HR AVG
ROTATE: 917' (74.3 %)
SLIDE: 317' (25.7 %)

LITHOLOGY: @ 12,650' MD TRC LS, 100% SH

MUD PROPERTIES: MW: 12.6, VIS 56, PV 22, YP 9, ES 648, WPS 277,288, LGS: 6.61%, O/W: 80/20, 6/3: 8/7

TARGET: 89.0° INC, 11,268' TVD @ 12,000'
90.1° INC 11,271' TVD @ 12,500'

Survey:	Projection To Bit	
MD: 12658	MD	12721
INC: 90.07	INC:	88.24
AZI: 165.02	AZI:	162.17
TVD: 11270.28	TVD	11270.10
N+/S-: -1842.99		
E+/W-: -273.48	A/B:	.7A
VS: 1692.57	L/R:	9.4L
DLS: 2.62	TEMP:	180°F

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER: 360
DISPOSED: CUTTING BOXES
DISPOSAL: 00 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,820'
RIG RELEASE F/ 2ND INT 10/15/2020 10:00 HRS
EOC: 11,729' @ 87.12° INC, 162.08° AZM, 11,255.89' TVD 7.5' A AND 6.0' L
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days: BO BRANTON, Nights: JIMMY VARELA
SCIENTIFIC Directional Drillers: KARL HARPER DAYS, PABEL BAHENA NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: JIMMY WALLACE NIGHTS.
Mud Engineer: CHRIS PLUMLEE

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0650	8732	BITS	Baker Hughes Oilfield Operations I	10,650.00	6.75" CURVE/LATERAL BIT S/N 5315583
	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	6,102.56	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	6,575.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	11,072.82	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	750.00	MUD ENGINEER DAILY COST
	0650	8166	DYED DIESEL	FuelCo Energy, LLC	10,322.89	DELIVER 7,208 GALS RIG FUEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	900.00	\$900 PER CUTTINGS BIN
	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	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	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)	PowerSat	255.00	POWERSAT INTERNET & COMMUNICATIONS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	40.00	OPEN TOP TANK FOR PANIC LINE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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)	Iron Horse Tools LLC	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	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)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8760	RIG DAYWORK	Patterson Drilling	17,750.00	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	RIG MOB 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	1,000.00	GATE GUARD
	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	AIP	1,400.00	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANTON, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JEREMY SKATES, WELL SITE 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	CD Consulting	0.00	JOE YOUNG, WELLSITE SUPERVISOR
			Daily Total	82,384.58	Daily Mud Cost	11,822.82
			Cumulative Total	1,638,344.72	Cumulative Mud Cost	59,600.66

WPX Energy																				
Daily Drilling Report																				
WELL NAME:	UL MCNASSER 0201-17-8H			AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl		REPORT#:	16		DATE:	11/10/2020			
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	63,755		LATERAL SEC:			DFS:	12.67						
EVENT:	DRILLING			LOCATION:			CUM COST \$:	1,703,500		TD (MD):	14,098.0		LITHOLOGY:							
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WARD,TEXAS		API: 42-475-38150		TD (TVD):	11,278.4		FORMATION:	WOLFCAMP A							
ENGINEER:	D Wayne Johnson			ROT HRS:	23.50					SPUD DATE::	9/26/2020		DIESEL (MUD DIESEL):	1,481 / 5,931						
TODAY'S DEPTH:		14,098 (usft)		CUM ROT:	185.50		+/- PLAN:				RR DATE :			DIESEL (RIG FUEL):	2,207 / 30,235					
														NAT GAS (DGE):	0.00 / 0.00					
PREV. DEPTH:		12,418 (usft)					RIG::		Patterson 565			SUPERVISOR:		Joe Young						
PROGRESS:		1,680 (usft)		WEATHER: CURRENTLY 39° W/ CLEAR SKIES AND WINDS F/ THE N@ 3-5 MPH, NO PRECIP									SUPERVISOR PH. #:		432-203-0226					
PRESENT OPERATION:		DRLG LATERAL SECTION @ 14,475'																		
OPERATION FORECAST:		DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG																		
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD									
LAST CASING:		7.625(in)		ST WT UP	270.0		PRESS	4,800.00		LOSS TIME (hrs):		1.50		BIT #	5		RPM	228		
DEPTH:		10,680(usft)		ST WT DN	200.0		RATE	325.0		LOSS TIME INC:		2.00		SIZE	6-3/4 (")		HHP	90.13		
LAST BOP:		11/7/2020		ST WT ROT	230.0		DP AV			NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	474.94		
LOT EMW:				TQ ON BTM	9,500.0		DC AV			24 HR RIG DOWN:		0.00		JETS	3-11, 3-10					
WEIGHT LB/FT:		29.70(ppf)		TQ OFF BTM	5,400.0					CUM RIG DOWN		1.50		DEPTH IN	10,685.0					
CONN:		BTC												DEPTH OUT						
PUMP DATA														DULL CONDITION						
PUMP #	MANU			LINER		STROKE		PRESSURE		GPM		ROP-last 24 I	71.5							
1	NATIONAL					12						CUM. FT	3,413.0							
2	NATIONAL			4.750		12		4,800.00		162.7		CUM. HRS	62.00							
3	NATIONAL			4.750		12		4,800.00		162.7		ROP/Cum-ent	55.0							
SURVEY DATA																				
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS													
13,979.00	90.27	166.02	11,277.01	-3,110.92	92.67	-3,110.92	1.24													
13,884.00	89.09	165.94	11,276.48	-3,018.75	69.65	-3,018.75	2.09													
13,789.00	91.04	165.55	11,276.59	-2,926.68	46.26	-2,926.68	1.00													
13,694.00	90.17	165.94	11,277.59	-2,834.62	22.87	-2,834.62	4.27													
13,600.00	88.25	162.41	11,276.30	-2,744.21	-2.75	-2,744.21	2.61													
MUD DATA																				
Date: 11/10/2020 6:00:00PM			MUD TYPE INVERT		CHECK DEPTH 13,663		FL TEMP 115.00		WATER 15.50 (%)		OIL 61.50 (%)		SAND (%)							
GELS (8.0/18.0			Filter Cak 3.0 (32nd")		HTHP 9.0		MW 12.60		VISC 60.00		TEMP 150.00		ECD 13.76							
PV/YP 23.0/9.0			MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+							
Lubricant %			ES 634.0		WPS 277,288		CaCl2 27.8		WATER 20.00 (%)		OIL 80.00 (%)		HGS 14.27 (%)							
LGS 7.14 (%)			SOLIDS 23.00 (%)		H2S (ppm)		6/3 8.00 / 7.00													
COMMENTS																				
MUD GAS DATA																				
CONNECTION MAX				3,455.00				TRIP MAX				BACKGROUND MAX				1,457.00				
CURRENT BHA																				
DESCRIPTION		NUMBER	LENGTH	DRILL ROT		DRILL SLIDE		P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE						
		BHA #5	13,093.61	1,680.00				270.00	200.00	230.0	9,500.0									
Heavy Weight Drill Pipe		0	1,393.89	15 STDs 4.5" HWDP										4.500	2.75	425.00				
Drill Pipe		1	10,532.15	111 STD'S 4.5" D425 DRILL PIPE										4.500	2.83					
Adjustable Stabilizer		2	8.60	DRILL-N-REAM										5.250	3.00					
Drill Pipe		3	1,043.18	4.5" DELTA 425										4.500	3.83					
Cross Over		4	4.65	4" FH X 4.5" DELTA 425										5.250	2.25					
Filter		5	3.15	FILTER SUB										5.312	2.25					
Non-Mag Drill Collar		6	30.22	NMDC										5.312	2.75					
Pulser Sub		7	5.39	PULSER SUB										5.312	2.69					
Non-Mag Drill Collar		8	30.57	NMDC										5.312	2.75					
Float Sub		9	4.00	FLOAT SUB										5.312	2.50					
Steerable Motor		10	36.81	SDI, 5", 6/7, 10.4, REV/GAL .70, 2.0° FIXED BEND, BORED FOR FLOAT, SLICK										5.000						
Polycrystalline Diamond Bit		11	1.00	BAKER DD306TWX 6.75" PDC JETS 3X10,3X11 TFA .509										6.750		3.50				
BHA HRS 23.50			MTR HRS 23.50																	
JAR HRS			MWD Hrs 23.50																	
OPERATIONS (00:00)																				
OPERATION COMMENT			DRLG LATERAL F/ 12,418' - 13,571', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 13,571' - 14,098'																	
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS													
00:00	06:00	12,418.00	12,824.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 12,418' T/ 12,824' (406' @ 67.6 FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,400 PSI OFF: 3,550, RPM 70, TRQ, 9,000K, WOB: 28-32K, PU: 235K, SO: 180K, ROT: 205K,													
06:00	14:00	12,824.00	13,462.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 12,824' T/ 13,462' (638' @ 79.75 FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,400 PSI OFF: 3,550, RPM 70, TRQ, 9,000K, WOB: 28-32K, PU: 235K, SO: 180K, ROT: 205K.													
14:00	15:30	13,462.00	13,571.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 13,462' T/ 13,571' (109' @ 72.66 FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,400 PSI OFF: 3,550, RPM 70, TRQ, 9,000K, WOB: 28-32K, PU: 235K, SO: 180K, ROT: 205K.													
15:30	16:00	13,571.00	13,571.00	07	P	DRLPRO	RIG SERVICE AND TOP DRIVE SERVICE, DROPS INSPECTION													
16:00	18:00	13,571.00	13,671.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 13,571' T/ 13,671' (100' @ 50.0 FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,400 PSI OFF: 3,550, RPM 70, TRQ, 9,000K, WOB: 28-32K, PU: 245 K, SO: 198 K, ROT: 220 K.													
18:00	00:00	13,671.00	14,098.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 13,671' T/ 14,098' (427' @ 71.2' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,800 PSI OFF: 4,250, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 270 K, SO: 200 K, ROT: 230 K,													

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17 8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE: TRIP DRILL
SPUDED WELL: 9/26/2020 18:00
SAFETY TOPIC: BUFFER ZONES, FORKLIFT/MANLIFT OPERATIONS, LAST DAY OF HITCH, DRIVING SAFETY/SEAT BELT USAGE

DFS: 12.67
DOL: 51.0

NPT: LAST 24 HRS:
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:

LAST BOP TEST: 11/07/2020
BOP TEST DUE: 11/28/2020
LAST BOP DRILL: 11/09/2020

CURRENT OPERATIONS AT 06:00: DRLG LATERAL SECTION @ 14,475'

OPERATIONS LAST 24 HOUR: DRLG LATERAL F/ 12,418' - 13,571', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 13,571' - 14,098'

24 HR FORECAST: DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG

FOOTAGE LAST 24 HRS: 1,680'
ROP: 71.5' FT/HR AVG
ROTATE: 1,507' (89.7 %)
SLIDE: 173' (10.3 %)

LITHOLOGY: @ 12,650' MD TRC LS, 100% SH

MUD PROPERTIES: MW: 12.6, VIS 60, PV 23, YP 9, ES 634, WPS 277,288, LGS: 7.14%, O/W: 80/20, 6/3: 8/7

TARGET: 89.0° INC, 11,268' TVD @ 12,000'
90.1° INC, 11,271' TVD @ 12,500'
89.3° INC, 11,277' TVD @ 13,500'
90.0° INC, 11,283' TVD @ 14,000'
89.5° INC, 11,287' TVD @ 14,500'
89.8° INC, 11,289' TVD @ 15,000'

Survey:	Projection To Bit
MD: 14358	MD 14421
INC: 88.22	INC: 88.22
AZI: 165.16	AZI: 165.16
TVD: 11284.45	TVD 11286.30
N+/S-: -3474.86	
E+/W-: 197.89	A/B: 1.3 A
VS: 3391.14	L/R: 7.6 L
DLS: 3.55	TEMP: 188°F

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER:
DISPOSED: 2 CUTTING BOXES
DISPOSAL: 0 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,820'
RIG RELEASE F/ 2ND INT 10/15/2020 10:00 HRS
EOC: 11,729' @ 87.12° INC, 162.08° AZM, 11,255.89' TVD 7.5' A AND 6.0' L
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days:JOE YOUNG, Nights: BO BRANTON
SCIENTIFIC Directional Drillers: KARL HARPER DAYS, PABEL BAHENA NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: JIMMY WALLACE NIGHTS.
Mud Engineer: CHRIS PLUMLEE

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
	0650	8734	CASING CREWS & TOOLS	Casing Specialities	4,011.00	CLEAN DRIFT AND TALLY 5.5" LINER CASING
	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	4,722.60	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	6,575.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	8,140.18	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	750.00	MUD ENGINEER DAILY COST
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	1,800.00	\$900 PER CUTTINGS BIN
	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	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	DAILY RENTAL ON DIVERTER ORBIT VALVES AND ROT HEAD ASSY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	POWERSAT INTERNET & COMMUNICATIONS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	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)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	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	40.00	OPEN TOP TANK FOR PANIC LINE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8760	RIG DAYWORK	Patterson Drilling	17,750.00	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	RIG MOB 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	1,000.00	GATE GUARD
	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	8742	TRUCKING	Zoom Hot Shot & Transportation	345.00	DELIVER MUD MOTORS
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	JIMMY VARELA, 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	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANTON, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JEREMY SKATES, WELL SITE SUPERVISOR
			Daily Total	63,755.09	Daily Mud Cost	8,890.18
			Cumulative Total	1,703,499.81	Cumulative Mud Cost	68,490.84

WPX Energy																			
Daily Drilling Report																			
WELL NAME:	UL MCNASSER 0201-17-8H		AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl)		REPORT#:	17	DATE:	11/11/2020				
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	66,318		LATERAL SEC:			DFS:	13.67						
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,769,818		TD (MD):	15,466.0		LITHOLOGY:							
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		APi: 42-475-38150		TD (TVD):		11,293.1		FORMATION:		WOLFCAMP A					
ENGINEER:	D Wayne Johnson		ROT HRS:	21.50				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):		2,538 / 8,469					
TODAY'S DEPTH:		15,466 (usft)	CUM ROT:	207.00		+/- PLAN:				RR DATE :		DIESEL (RIG FUEL):		2,297 / 32,532					
											NAT GAS (DGE):		0.00 / 0.00						
PREV. DEPTH:		14,098 (usft)				RIG::		Patterson 565				SUPERVISOR:		Joe Young					
PROGRESS:		1,368 (usft)	WEATHER: CURRENTLY 41° W/ CLEAR SKIES W/ WINDS F/ THE NNW @ 4-6 MPH, NO PRECIPITATION									SUPERVISOR PH. #:		432-203-0226					
PRESENT OPERATION:		TOOH LOOKING FOR WASHOUT @ 3,400'																	
OPERATION FORECAST:		CONT TOOH FOR WASHOUT, P/U LATERAL BHA, TIH AND CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG																	
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD								
LAST CASING:		7.625(in)	ST WT UP	280.0	PRESS	4,800.00	LOSS TIME (hrs):		3.50		BIT #	5	RPM	228					
DEPTH:		10,680(usft)	ST WT DN	200.0	RATE	325.0	LOSS TIME INC:		3.00		SIZE	6-3/4 (")		HHP	90.13				
LAST BOP:		11/7/2020	ST WT ROT	230.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	474.94				
LOT EMW:			TQ ON BTM	9,500.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-11, 3-10							
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	5,400.0			CUM RIG DOWN		1.50		DEPTH IN	10,685.0							
CONN:		BTC									DEPTH OUT	15,466							
PUMP DATA																			
PUMP #	MANU			LINER		STROKE		PRESSURE		GPM		ROP-last 24 I							
1	NATIONAL					12						CUM. FT							
2	NATIONAL			4.750		12		4,400.00		162.7		CUM. HRS							
3	NATIONAL			4.750		12		4,400.00		162.7		ROP/Cum-ent							
WOB																			
20.0-32.0																			
SURVEY DATA																			
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS		DULL CONDITION										
15,403.00	89.13	166.63	11,292.15	-4,483.14	468.72	-4,483.14	0.75		I	O	D	L	B	R	G	T			
15,307.00	89.80	166.36	11,291.25	-4,389.80	446.30	-4,389.80	2.51									-			
15,212.00	92.18	166.20	11,292.89	-4,297.53	423.78	-4,297.53	5.17												
15,117.00	88.83	162.61	11,293.73	-4,206.06	398.24	-4,206.06	0.98												
15,022.00	88.62	163.52	11,291.62	-4,115.20	370.58	-4,115.20	3.03												
MUD DATA																			
Date: 11/10/2020 6:00:00PM		MUD TYPE INVERT		CHECK DEPTH 15,131		FL TEMP 118.00		WATER 15.25 (%)		OIL 62.00 (%)		SAND (%)							
GELS (11.0/19.0		Filter Cak 3.0 (32nd")		HTHP 9.8		MW 12.60		VISC 57.00		TEMP 150.00		ECD		13.78					
PV/YP 23.0/8.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+							
Lubricant %		ES 568.0		WPS 277,893		CaCl2 27.8		WATER 20.00 (%)		OIL 80.00 (%)		HGS 14.59 (%)							
LGS 6.59 (%)		SOLIDS 22.75 (%)		H2S (ppm)		6/3 8.00 / 7.00													
COMMENTS																			
MUD GAS DATA																			
CONNECTION MAX				3,823.00				TRIP MAX				BACKGROUND MAX				1,277.00			
CURRENT BHA																			
DESCRIPTION		NUMBER	LENGTH	DRILL ROT		DRILL SLIDE		P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
		BHA #5	16,859.89	1,368.00				280.00	200.00	230.0	9,500.0								
Heavy Weight Drill Pipe		0	1,393.89	15 STDs 4.5" HWDP										4.500	2.75	425.00			
Drill Pipe		1	14,298.43	111 STD'S 4.5" D425 DRILL PIPE										4.500	2.83				
Adjustable Stabilizer		2	8.60	DRILL-N-REAM										5.250	3.00				
Drill Pipe		3	1,043.18	4.5" DELTA 425										4.500	3.83				
Cross Over		4	4.65	4" FH X 4.5" DELTA 425										5.250	2.25				
Filter		5	3.15	FILTER SUB										5.312	2.25				
Non-Mag Drill Collar		6	30.22	NMDC										5.312	2.75				
Pulser Sub		7	5.39	PULSER SUB										5.312	2.69				
Non-Mag Drill Collar		8	30.57	NMDC										5.312	2.75				
Float Sub		9	4.00	FLOAT SUB										5.312	2.50				
Steerable Motor		10	36.81	SDI, 5", 6/7, 10.4, REV/GAL .70, 2.0° FIXED BEND, BORED FOR FLOAT, SLICK										5.000	4.00				
Polycrystalline Diamond Bit		11	1.00	BAKER DD306TWX 6.75" PDC JETS 3X10,3X11 TFA .509										6.750	3.50				
BHA HRS		21.50	MTR HRS		21.50														
JAR HRS			MWD Hrs		21.50														
OPERATIONS (00:00)																			
OPERATION COMMENT				DRLG LATERAL F/ 14,098' - 15,178', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 15,178' - 5,466', TROUBLESHOT PSI DROP IN DIFF, DECISION WAS MADE TO TOOH AND LOOK FOR WASHOUT, TOOH F/ 15,466' - 13,966'															
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS												
00:00	06:00	14,098.00	14,533.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 14,098' T/ 14,533' (435' @ 72.5' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,800 PSI OFF: 4,250, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 270 K, SO: 200 K, ROT: 230 K,												
06:00	14:00	14,533.00	15,017.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 14,533' T/ 15,017' (484' @ 60.5' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,800 PSI OFF: 4,250, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 270 K, SO: 200 K, ROT: 230 K,												
14:00	16:30	15,017.00	15,178.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 15,017' T/ 15,178' (161' @ 64.4' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,800 PSI OFF: 4,250, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 280 K, SO: 200 K, ROT: 230 K,												
16:30	17:00	15,178.00	15,178.00	07	P	DRLPRO	RIG SERVICE, DROPS INSPECTION.												
17:00	22:00	15,178.00	15,466.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 15,178' T/ 15,466 (288' @ 57.6' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 4,800 PSI OFF: 4,250, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 280 K, SO: 200 K, ROT: 230 K,												
22:00	00:00	15,466.00	15,466.00	02	NP	DRLPRO	TROUBLESHOOT DIFF PSI LOSS, CHECK PUMP AND ALL SURFACE EQUIPMENT, DECISION WAS MADE TO TO TOOH TO LOOK FOR WASHOUT, TOOH WET F/ 15,466' - 13,966', NO EXCESSIVE DRAG, HOLE TAKING GOOD FILLS												

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17 8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE:
SPUDDED WELL: 9/26/2020 18:00
SAFETY TOPIC: FIRST DAY BACK, COOLER WEATHER, COVID PRECAUTIONS, HAND AND FINGER SAFETY

DFS: 13.67
DOL: 52.0

NPT: LAST 24 HRS: 2.0 HRS (TROUBLESHOOT PSI DROP AND TOO H FOR WASHOUT)
NPT: TOTAL FOR WELL: 3.5 HRS

REGULATORY NOTIFICATIONS:

LAST BOP TEST: 11/07/2020
BOP TEST DUE: 11/28/2020
LAST BOP DRILL: 11/09/2020

CURRENT OPERATIONS AT 06:00: TOO H LOOKING FOR WASHOUT @ 3,400'

OPERATIONS LAST 24 HOUR: DRLG LATERAL F/ 14,098' - 15,178', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 15,178' - 5,466', TROUBLESHOT PSI DROP IN DIFF, DECISION WAS MADE TO TOO H AND LOOK FOR WASHOUT, TOO H F/ 15,466' - 13,966'

24 HR FORECAST: CONT TOO H FOR WASHOUT, P/U LATERAL BHA, TIH AND CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG

FOOTAGE LAST 24 HRS: 1,368'
ROP: 63.6' FT/HR AVG
ROTATE: 1,211' (88.5 %)
SLIDE: 157.0' (11.5 %)

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

MUD PROPERTIES: MW: 12.6, VIS 57, PV 23, YP 8, ES 568, WPS 277,893, LGS: 6.59%, O/W: 80/20, 6/3: 8/7

TARGET: 89.0° INC, 11,268' TVD @ 12,000'
90.1° INC, 11,271' TVD @ 12,500'
89.3° INC, 11,277' TVD @ 13,500'
90.0° INC, 11,283' TVD @ 14,000'
89.5° INC, 11,287' TVD @ 14,500'
89.8° INC, 11,289' TVD @ 15,000'
89.3° INC, 11,301' TVD @ 16,000'

Survey:	Projection To Bit
MD: 15403	MD 15466
INC: 89.13	INC: 89.13
AZI: 166.63	AZI: 166.63
TVD: 11292.16	TVD 11293.10
N+/S-: -4483.18	
E+/W-: 468.6	A/B: 1.4' A
VS: 4434.92	L/R: 13.4' R
DLS: 0.76	TEMP: 188°F

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER:
DISPOSED: 2 CUTTING BOXES
DISPOSAL: 0 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,820'
RIG RELEASE F/ 2ND INT 10/15/2020 10:00 HRS
EOC: 11,729' @ 87.12° INC, 162.08° AZM, 11,255.89' TVD 7.5' A AND 6.0' L
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days:JOE YOUNG, Nights: BO BRANTON
SCIENTIFIC Directional Drillers: PABEL BAHENA DAYS, RYAN NEWELL NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: JIMMY WALLACE 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	4,912.45	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	6,575.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	5,498.46	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	750.00	MUD ENGINEER DAILY COST
	0650	8166	DYED DIESEL	FuelCo Energy, LLC	10,770.85	7201 GALS OF RIG FUEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	1,800.00	\$900 PER CUTTINGS BIN
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	882.00	Camp Rental, 8 camps w/ sewer &water. 881.75
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	80.00	SUPERINTENDENT HOUSES SPLIT BETWEEN RIGS 80.00/DAY
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	684.00	EDR
	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)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	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	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	40.00	OPEN TOP TANK FOR PANIC LINE
	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)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8760	RIG DAYWORK	Patterson Drilling	17,750.00	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	RIG MOB 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	1,000.00	GATE GUARD
	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	AIP	1,400.00	BO BRANTON, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JEREMY SKATES, WELL SITE 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	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
			Daily Total	66,318.07	Daily Mud Cost	6,248.46
			Cumulative Total	1,769,817.87	Cumulative Mud Cost	74,739.30
NPT SUMMARY						
Start date/time		End date/time		Title	Description	Duration (hr)
11/11/2020 10:00:00PM				DIFF PSI LOSS	TROUBLESHOOT DIFF PSI LOSS, CHECK ALL SURFACE EQUIPMENT, TOOH FOR WASHOUT	2.00

WPX Energy																
Daily Drilling Report																
WELL NAME:	UL MCNASSER 0201-17-8H		AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl)		REPORT#:	19	DATE:	11/13/2020	
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	72.824		LATERAL SEC:			DFS:	15.67			
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,927,269		TD (MD):	17,046.0		LITHOLOGY:				
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		API: 42-475-38150		TD (TVD):		11,320.0		FORMATION:		WOLFCAMP A		
ENGINEER:	D Wayne Johnson		ROT HRS:	23.50				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):		2,115 / 11,227		
TODAY'S DEPTH:		17,046 (usft)	CUM ROT:	233.00		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,697 / 36,700
													NAT GAS (DGE):		0.00 / 0.00	
PREV. DEPTH:		15,575 (usft)				RIG::		Patterson 565				SUPERVISOR:		Joe Young		
PROGRESS:		1,471 (usft)	WEATHER: CURRENTLY 48° W/ CLEAR SKIES, WINDS F/ THE SW @ 7-10 PH, NO PRECIP IN									SUPERVISOR PH. #:		462 848 5207		
PRESENT OPERATION:		DRLG LATERAL SECTION @ 17,450'														
OPERATION FORECAST:		CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG														
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD					
LAST CASING:		7.625(in)	ST WT UP	290.0	PRESS	5,550.00	LOSS TIME (hrs):		1.50		BIT #	6	RPM	228		
DEPTH:		10,680(usft)	ST WT DN	195.0	RATE	325.0	LOSS TIME INC:		2.00		SIZE	6-3/4 (")		HHP	90.13	
LAST BOP:		11/7/2020	ST WT ROT	233.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	474.94	
LOT EMW:			TQ ON BTM	11,300.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-10, 3-11				
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	6,800.0			CUM RIG DOWN		1.50		DEPTH IN	15,466.0				
CONN:		BTC									DEPTH OUT					
PUMP DATA													DULL CONDITION			
PUMP #	MANU			LINER	STROKE	PRESSURE		GPM								
1	NATIONAL			4.750	12	5,550.00		162.7								
2	NATIONAL			4.750	12	5,550.00		162.7								
3	NATIONAL				12											
SURVEY DATA																
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS									
16,974.00	89.30	163.08	11,318.65	-5,988.47	915.28	-5,988.47	1.19									
16,880.00	90.30	163.59	11,318.33	-5,898.42	888.33	-5,898.42	2.74									
16,785.00	88.56	161.65	11,317.38	-5,807.76	859.96	-5,807.76	0.84									
16,690.00	87.79	161.86	11,314.36	-5,717.59	830.23	-5,717.59	0.87									
16,595.00	87.35	162.56	11,310.33	-5,627.21	801.23	-5,627.21	1.82									
MUD DATA																
Date: 11/13/2020 6:00:00PM			MUD TYPE INVERT		CHECK DEPTH 16,564		FL TEMP 114.00		WATER 15.25 (%)		OIL 62.00 (%)		SAND (%)			
GELS (10.0/19.0			Filter Cak 3.0 (32nd")		HTHP 9.6		MW 12.60		VISC 59.00		TEMP 150.00		ECD 13.79			
PV/YP 23.0/8.0			MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+			
Lubricant %			ES 602.0		WPS 272,502		CaCl2 27.3		WATER 20.00 (%)		OIL 80.00 (%)		HGS 14.61 (%)			
LGS 6.62 (%)			SOLIDS 22.75 (%)		H2S (ppm)		6/3 8.00 / 7.00									
COMMENTS																
MUD GAS DATA																
CONNECTION MAX				2,781.00				TRIP MAX				BACKGROUND MAX 1,579.00				
CURRENT BHA																
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE				
		6	13,148.15	1,471.00		290.00	195.00	233.0	11,300.0							
Heavy Weight Drill Pipe		0	1,393.89	15 STDS 4.5" DELTA 425 HWDP							4.500	2.75	4.50			
Drill Pipe		1	9,678.59	102 STDS. 4.5" DELTA 425							4.500	3.83	4.50			
Aggitator		2	22.60	NOV AGITATOR							5.188	2.25	4.50			
Drill Pipe		3	1,896.07	20 STDS. 4.5" DELTA 425							4.500	3.83	4.50			
Adjustable Stabilizer		4	8.60	DRILL-N-REAM							5.250	3.00	4.50			
Heavy Weight Drill Pipe		5	31.13	1 JT 4.5" DELTA 425 HWDP							4.500	3.83	4.50			
Cross Over		6	4.65	4" FH X 4.5" DELTA 425							5.250	2.25	4.50			
Filter		7	3.15	FILTER SUB							5.312	2.25	4.00			
Non-Mag Drill Collar		8	30.22	NMDC							5.312	2.75	4.00			
Pulser Sub		9	5.39	PULSER SUB							5.250	2.69	4.00			
Non-Mag Drill Collar		10	30.57	NMDC							5.250	2.69	4.00			
3 Point Reamer		11	5.51	6 1/8" NM Stabilizer							5.062	2.25	4.00			
Steerable Motor		12	36.78	SDI 5.15" 6/7 10.4 FBH @ 1.5° Slick							5.000	1.00	4.00			
Polycrystalline Diamond Bit		13	1.00	BAKER, DD306TWX, 3x10'S, 3x11'S TFA .509							6.750	1.00	3.50			
BHA HRS 23.50		MTR HRS 23.50														
JAR HRS		MWD Hrs 23.50														
OPERATIONS (00:00)																
OPERATION COMMENT				DRLG LATERAL SECTION F/ 15,575' - 16,565', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 16,565' - 17,046'												
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS									
00:00	06:00	15,575.00	15,942.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 15,575' T/ 15,942' (367' @ 61.16' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,400 PSI OFF: 4,950, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 280 K, SO: 200 K, ROT: 230 K,									
06:00	14:00	15,942.00	16,423.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 15,492' T/ 16,423' (481' @ 60.12' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,400 PSI OFF: 4,950, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 280 K, SO: 200 K, ROT: 230 K,									
14:00	16:00	16,423.00	16,565.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 16,423' T/ 16,565' (142' @ 71' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,400 PSI OFF: 4,950, RPM 70, TRQ, 9,500 K, WOB: 28-32K, PU: 280 K, SO: 200 K, ROT: 230 K,									
16:00	16:30	16,565.00	16,565.00	07	P	DRLPRO	RIG SERVICE, DROPS INSPECTION.									
16:30	00:00	16,565.00	17,046.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 16,565' T/ 17,046' (481' @ 64.1' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 290 K, SO: 195 K, ROT: 233 K,									

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17 8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE: BOP DRILL
SPUDDED WELL: 9/26/2020 18:00
SAFETY TOPIC: ELECTRICAL SAFETY, COLD WEATHER, HOUSEKEEPING, JSA REVIEWS

DFS: 15.67
DOL: 54.0

NPT: LAST 24 HRS: 0.0
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:

LAST BOP TEST: 11/07/2020
BOP TEST DUE: 11/28/2020
LAST BOP DRILL: 11/09/2020

CURRENT OPERATIONS AT 06:00: DRLG LATERAL SECTION @ 17,450'

OPERATIONS LAST 24 HOUR: DRLG LATERAL SECTION F/ 15,575' - 16,565', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 16,565' - 17,046'

24 HR FORECAST: CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG

FOOTAGE LAST 24 HRS: 1,471'
ROP: 62.6' FT/HR AVG
ROTATE: 1,322' (89.9 %)
SLIDE: 149.0' (10.1 %)

LITHOLOGY: @ 17,300' MD TRC LS, 100% SH

MUD PROPERTIES: MW: 12.6, VIS 59, PV 23, YP 8, ES 602, WPS 272,502, LGS: 6.62%, O/W: 80/20, 6/3: 8/7

TARGET: 89.0° INC, 11,268' TVD @ 12,000'
90.1° INC, 11,271' TVD @ 12,500'
89.3° INC, 11,277' TVD @ 13,500'
90.0° INC, 11,283' TVD @ 14,000'
89.5° INC, 11,287' TVD @ 14,500'
89.8° INC, 11,289' TVD @ 15,000'
89.3° INC, 11,301' TVD @ 16,000'
88.7° INC, 11,312' TVD @ 16,500'
89.3° INC, 11,327' TVD @ 17,500'

Survey:	Projection To Bit
MD: 17354	MD 17418
INC: 89.3	INC: 89.3
AZI: 164.17	AZI: 164.17
TVD: 11324.58	TVD 11325.40
N+/S-: -6353.79	
E+/W-: 1019.53	A/B: 0.7' A
VS: 6384.97	L/R: 5.41' R
DLS: 1.3	TEMP: 203°F

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER:
DISPOSED: 2.0 CUTTING BOXES
DISPOSAL: 0 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,820'
RIG RELEASE F/ 2ND INT 10/15/2020 10:00 HRS
EOC: 11,729' @ 87.12° INC, 162.08° AZM, 11,255.89' TVD 7.5' A AND 6.0' L
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days:JOE YOUNG, Nights: BO BRANTON
SCIENTIFIC Directional Drillers: PABEL BAHENA DAYS, RYAN NEWELL NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: JIMMY WALLACE NIGHTS.
Mud Engineer: CLAY HAMMAN

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0650	8732	BITS	Baker Hughes Oilfield Operations I	10,640.00	6.75" LATERAL BIT BAKER DD306TWX S/N 5315184
	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	5,394.37	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	6,575.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	5,190.87	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	750.00	MUD ENGINEER DAILY COST
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	1,800.00	\$900 PER CUTTINGS BIN
	0650	8823	LIVING FACILITIES & SANITATION	Blaxtone Energy, LLC	790.00	DUMPSTER SWAP
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	882.00	Camp Rental, 8 camps w/ sewer &water. 881.75
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	80.00	SUPERINTENDENT HOUSES SPLIT BETWEEN RIGS 80.00/DAY
	0650	8298	MISCELLANEOUS - MATERIALS	Southwest Oilfield Products Inc	1,184.93	4.75" SWAP HEADS
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Workstring International	3,812.46	5" HWDP RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	40.00	OPEN TOP TANK FOR PANIC LINE
	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)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	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	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	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8760	RIG DAYWORK	Patterson Drilling	17,750.00	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	RIG MOB 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	1,000.00	GATE GUARD
	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	8742	TRUCKING	Zoom Hot Shot & Transportation	675.00	DELIVER TUBULARS F/ HADCO
	0650	8917	WELLSITE SUPERVISION	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANTON, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JEREMY SKATES, WELL SITE 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
			Daily Total	72,823.94	Daily Mud Cost	5,940.87
			Cumulative Total	1,927,268.59	Cumulative Mud Cost	96,687.99

WPX Energy																	
Daily Drilling Report																	
WELL NAME:	UL MCNASSER 0201-17-8H		AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usf)		REPORT#:	20		DATE:	11/14/2020	
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	55,154		LATERAL SEC:			DFS:	16.67				
EVENT:	DRILLING		LOCATION:			CUM COST \$:	1,982,422		TD (MD):	18,582.0		LITHOLOGY:					
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		APi: 42-475-38150		TD (TVD):	11,332.4		FORMATION:		WOLFCAMP A				
ENGINEER:	D Wayne Johnson		ROT HRS:	23.50				SPUD DATE::	9/26/2020		DIESEL (MUD DIESEL):		2,539 / 13,766				
TODAY'S DEPTH:		18,582 (usft)	CUM ROT:	256.50		+/- PLAN:				RR DATE :			DIESEL (RIG FUEL):		2,452 / 39,152		
											NAT GAS (DGE):		0.00 / 0.00				
PREV. DEPTH:		17,046 (usft)				RIG::		Patterson 565			SUPERVISOR:		Joe Young				
PROGRESS:		1,536 (usft)	WEATHER: CURRENTLY 48° W/ CLEAR SKIES, WINDS F/ THE NNE @ 17-20 MPH, NO PRECI									SUPERVISOR PH. #:		462 848 5207			
PRESENT OPERATION:		DRLG LATERAL SECTION @ 18,880'															
OPERATION FORECAST:		CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG															
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:			BIT RECORD							
LAST CASING:		7.625(in)	ST WT UP	295.0	PRESS	5,550.00	LOSS TIME (hrs):		1.50	BIT #	6	RPM	228				
DEPTH:		10,680(usft)	ST WT DN	200.0	RATE	325.0	LOSS TIME INC:		2.00	SIZE	6-3/4 (")	HHP	90.13				
LAST BOP:		11/7/2020	ST WT ROT	260.0	DP AV		NEAR MISSES:		0.00	TYPE	DD306TWX	P BIT	474.94				
LOT EMW:			TQ ON BTM	11,300.0	DC AV		24 HR RIG DOWN:		0.00	JETS	3-10, 3-11						
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	6,800.0			CUM RIG DOWN		1.50	DEPTH IN	15,466.0						
CONN:		BTC								DEPTH OUT							
PUMP DATA																	
PUMP #	MANU			LINER	STROKE	PRESSURE		GPM		ROP-last 24 I							
1	NATIONAL			4.750	12	5,550.00		162.7		CUM. FT							
2	NATIONAL			4.750	12	5,550.00		162.7		CUM. HRS							
3	NATIONAL				12					ROP/Cum-ent							
SURVEY DATA																	
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS		DULL CONDITION								
18,492.00	91.04	163.27	11,334.25	-7,437.83	1,364.64	-7,437.83	1.79		I	O	D	L	B	R	G	T	
18,397.00	90.57	161.64	11,335.59	-7,347.27	1,336.01	-7,347.27	1.72									-	
18,302.00	90.57	160.01	11,336.53	-7,257.54	1,304.81	-7,257.54	1.68										
18,207.00	90.34	161.59	11,337.29	-7,167.83	1,273.57	-7,167.83	1.81										
18,112.00	88.82	160.78	11,336.59	-7,077.92	1,242.93	-7,077.92	1.25										
MUD DATA																	
Date: 11/14/2020 6:00:00PM			MUD TYPE INVERT		CHECK DEPTH	18,176	FL TEMP	116.00	WATER	15.00 (%)	OIL	62.25 (%)	SAND	(%))			
GELS (10.0/19.0			Filter Cak	3.0 (32nd")	HTHP	9.6	MW	12.60	VISC	59.00	TEMP	150.00	ECD	13.80			
PV/YP 23.0/8.0			MBT		pH	Pm	Pf	Mf	Cl-		Total Hard	K+					
Lubricant %			ES	618.0	WPS	275,791	CaCl2	27.6	WATER	19.00 (%)	OIL	81.00 (%)	HGS	14.64 (%))			
LGS 6.58 (%)			SOLIDS	22.75 (%)	H2S	(ppm)	6/3	8.00 / 7.00									
COMMENTS																	
MUD GAS DATA																	
CONNECTION MAX				3,611.00	TRIP MAX				BACKGROUND MAX				2,632.00				
CURRENT BHA																	
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
		6	13,148.15	1,536.00	295.00		200.00	260.0	11,300.0								
Heavy Weight Drill Pipe		0	1,393.89	15 STDS 4.5" DELTA 425 HWDP							4.500	2.75	4.50				
Drill Pipe		1	9,678.59	102 STDS. 4.5" DELTA 425							4.500	3.83	4.50				
Aggitator		2	22.60	NOV AGITATOR							5.188	2.25	4.50				
Drill Pipe		3	1,896.07	20 STDS. 4.5" DELTA 425							4.500	3.83	4.50				
Adjustable Stabilizer		4	8.60	DRILL-N-REAM							5.250	3.00	4.50				
Heavy Weight Drill Pipe		5	31.13	1 JT 4.5" DELTA 425 HWDP							4.500	3.83	4.50				
Cross Over		6	4.65	4" FH X 4.5" DELTA 425							5.250	2.25	4.50				
Filter		7	3.15	FILTER SUB							5.312	2.25	4.00				
Non-Mag Drill Collar		8	30.22	NMDC							5.312	2.75	4.00				
Pulser Sub		9	5.39	PULSER SUB							5.250	2.69	4.00				
Non-Mag Drill Collar		10	30.57	NMDC							5.250	2.69	4.00				
3 Point Reamer		11	5.51	6 1/8" NM Stabilizer							5.062	2.25	4.00				
Steerable Motor		12	36.78	SDI 5.15" 6/7 10.4 FBH @ 1.5" Slick							5.000	1.00	4.00				
Polycrystalline Diamond Bit		13	1.00	BAKER, DD306TWX, 3x10'S, 3x11'S TFA .509							6.750	1.00	3.50				
BHA HRS		23.50	MTR HRS		23.50												
JAR HRS			MWD Hrs		23.50												
OPERATIONS (00:00)																	
OPERATION COMMENT				DRLG LATERAL SECTION F/ 17,046' - 18,176', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 18,176' - 18,582'													
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS										
00:00	06:00	17,046.00	17,513.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 17,046' T/ 17,513' (467' @ 77.83' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 290 K, SO: 195 K, ROT: 233 K										
06:00	14:00	17,513.00	18,066.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 17,513' T/ 18,066' (553' @ 69.125' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 290 K, SO: 195 K, ROT: 233 K										
14:00	16:00	18,066.00	18,176.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 18,066' T/ 18,176' (110' @ 55.0' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 290 K, SO: 195 K, ROT: 233 K										
16:00	16:30	18,176.00	18,176.00	07	P	DRLPRO	RIG SERVICE, DROPS INSPECTION.										
16:30	00:00	18,176.00	18,582.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 18,176' T/ 18,582' (406' @ 54.1' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 295 K, SO: 200 K, ROT: 260 K										

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17 8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE: BOP DRILL
SPUDDED WELL: 9/26/2020 18:00
SAFETY TOPIC: HIGH WINDS, FUEL OFFLOADS, ELECTRICAL SAFETY, REPLACING SHAKER SCREENS

DFS: 16.67
DOL: 55.0

NPT: LAST 24 HRS: 0.0
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:

LAST BOP TEST: 11/07/2020
BOP TEST DUE: 11/28/2020
LAST BOP DRILL: 11/13/2020

CURRENT OPERATIONS AT 06:00: DRLG LATERAL SECTION @ 18,880'

OPERATIONS LAST 24 HOUR: DRLG LATERAL SECTION F/ 17,046' - 18,176', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 18,176' - 18,582'

24 HR FORECAST: CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG

FOOTAGE LAST 24 HRS: 1,536'
ROP: 65.4' FT/HR AVG
ROTATE: 1,405' (91.5 %)
SLIDE: 131' (8.5 %)

LITHOLOGY: @ 18,700' MD TRC LS, 100% SH

MUD PROPERTIES: MW: 12.6, VIS 59, PV 23, YP 8, ES 618, WPS 272,791, LGS: 6.58%, O/W: 81/19, 6/3: 8/7

TARGET: 89.0° INC, 11,268' TVD @ 12,000'
90.1° INC, 11,271' TVD @ 12,500'
89.3° INC, 11,277' TVD @ 13,500'
90.0° INC, 11,283' TVD @ 14,000'
89.5° INC, 11,287' TVD @ 14,500'
89.8° INC, 11,289' TVD @ 15,000'
89.3° INC, 11,301' TVD @ 16,000'
88.7° INC, 11,312' TVD @ 16,500'
89.3° INC, 11,327' TVD @ 17,500'
90.0° INC, 11,334' TVD @ 19,000'

Survey:	Projection To Bit
MD: 18776	MD 18840
INC: 88.96	INC: 88.96
AZI: 165.7	AZI: 165.7
TVD: 11332.83	TVD 11333.96
N+/S-: -7713.79	
E+/W-: 1431.45	A/B: 1.2' A
VS: 7805.91	L/R: 11.28' L
DLS: 2	TEMP: 208°F

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER:
DISPOSED: 2.0 CUTTING BOXES
DISPOSAL: 0 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,820'
RIG RELEASE F/ 2ND INT 10/15/2020 10:00 HRS
EOC: 11,729' @ 87.12° INC, 162.08° AZM, 11,255.89' TVD 7.5' A AND 6.0' L
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days: JOE YOUNG, Nights: BO BRANTON
SCIENTIFIC Directional Drillers: PABEL BAHENA DAYS, RYAN NUWELL NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: MIKE EYEINGTON 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	4,085.45	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	6,575.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	5,931.83	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	750.00	MUD ENGINEER DAILY COST
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	1,800.00	\$900 PER CUTTINGS BIN
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	882.00	Camp Rental, 8 camps w/ sewer &water. 881.75
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	80.00	SUPERINTENDENT HOUSES SPLIT BETWEEN RIGS 80.00/DAY
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	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	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	40.00	OPEN TOP TANK FOR PANIC LINE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	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	750.00	25 FRAC TANKS AND 2 OPEN TOP TANK @ \$30 EA / DAY
	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)	PowerSat	255.00	POWERSAT INTERNET & COMMUNICATIONS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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	8760	RIG DAYWORK	Patterson Drilling	17,750.00	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	RIG MOB 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	1,000.00	GATE GUARD
	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	AIP	0.00	JIMMY VARELA, 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	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANTON, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JEREMY SKATES, WELL SITE SUPERVISOR
			Daily Total	55,153.59	Daily Mud Cost	6,681.83
			Cumulative Total	1,982,422.18	Cumulative Mud Cost	103,369.82

WPX Energy																			
Daily Drilling Report																			
WELL NAME:	UL MCNASSER 0201-17-8H		AFE #:	200861		AFE \$:	3,325,047		LANDING PNT	10,680(usl)		REPORT#:	21	DATE:	11/15/2020				
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	58,489		LATERAL SEC:			DFS:	17.67						
EVENT:	DRILLING		LOCATION:			CUM COST \$:	2,042,186		TD (MD):	19,805.0		LITHOLOGY:							
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WARD,TEXAS		API: 42-475-38150		TD (TVD):		11,316.1		FORMATION:		WOLFCAMP A					
ENGINEER:	D Wayne Johnson		ROT HRS:	23.50				SPUD DATE::		9/26/2020		DIESEL (MUD DIESEL):		2,942 / 16,708					
TODAY'S DEPTH:		19,805 (usft)	CUM ROT:	280.00		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,452 / 41,604			
													NAT GAS (DGE):		0.00 / 0.00				
PREV. DEPTH:		18,582 (usft)				RIG::		Patterson 565				SUPERVISOR:		Joe Young					
PROGRESS:		1,223 (usft)	WEATHER: CURRENTLY 34° W/ CLEAR SKIES AND WINDS F/ THE EAST @ 5 MPH, NO PREC									SUPERVISOR PH. #:		462 848 5207					
PRESENT OPERATION:		DRLG LATERAL SECTION @ 20,150'																	
OPERATION FORECAST:		CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG																	
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD								
LAST CASING:		7.625(in)	ST WT UP	2,970.0	PRESS	5,550.00	LOSS TIME (hrs):		1.50		BIT #	6	RPM	228					
DEPTH:		10,680(usft)	ST WT DN	195.0	RATE	325.0	LOSS TIME INC:		2.00		SIZE	6-3/4 (")		HHP	90.13				
LAST BOP:		11/7/2020	ST WT ROT	265.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	474.94				
LOT EMW:			TQ ON BTM	11,300.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-10, 3-11							
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	6,800.0			CUM RIG DOWN		1.50		DEPTH IN	15,466.0							
CONN:		BTC									DEPTH OUT								
PUMP DATA													ROP-last 24 I			52.0			
PUMP #	MANU			LINER	STROKE	PRESSURE		GPM		CUM. FT		4,339.0							
1	NATIONAL			4.750	12	5,550.00		162.7		CUM. HRS		73.00							
2	NATIONAL				12					ROP/Cum-ent		59.4							
3	NATIONAL			4.750	12	5,550.00		162.7		WOB		20.0-28.0							
SURVEY DATA													DULL CONDITION						
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS		I		O	D	L	B	R	G	T		
19,725.00	92.11	164.89	11,318.28	-8,628.80	1,680.32	-8,628.80	2.66										-		
19,630.00	94.19	163.46	11,323.51	-8,537.55	1,654.45	-8,537.55	2.18												
19,535.00	92.25	162.73	11,328.84	-8,446.80	1,626.87	-8,446.80	0.98												
19,441.00	91.44	163.16	11,331.87	-8,356.98	1,599.32	-8,356.98	3.23												
19,346.00	88.49	164.00	11,331.81	-8,265.87	1,572.47	-8,265.87	1.51												
MUD DATA																			
Date: 11/15/2020 6:00:00PM		MUD TYPE INVERT		CHECK DEPTH 19,410		FL TEMP 118.00		WATER 15.00 (%)		OIL 62.25 (%)		SAND (%)							
GELS (10.0/20.0		Filter Cak 3.0 (32nd")		HTHP 10.0		MW 12.60		VISC 60.00		TEMP 150.00		ECD 13.81							
PV/YP 23.0/8.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+							
Lubricant %		ES 637.0		WPS 278,517		CaCl2 27.9		WATER 19.00 (%)		OIL 81.00 (%)		HGS 14.64 (%)							
LGS 6.56 (%)		SOLIDS 22.75 (%)		H2S (ppm)		6/3 8.00 / 7.00													
COMMENTS																			
MUD GAS DATA																			
CONNECTION MAX				3,027.00				TRIP MAX				BACKGROUND MAX				2,516.00			
CURRENT BHA																			
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE							
		6	13,148.15	1,223.00	2,970.00		195.00	265.0	11,300.0										
Heavy Weight Drill Pipe		0	1,393.89	15 STDS 4.5" DELTA 425 HWDP						4.500	2.75	4.50							
Drill Pipe		1	9,678.59	102 STDS. 4.5" DELTA 425						4.500	3.83	4.50							
Aggitator		2	22.60	NOV AGITATOR						5.188	2.25	4.50							
Drill Pipe		3	1,896.07	20 STDS. 4.5" DELTA 425						4.500	3.83	4.50							
Adjustable Stabilizer		4	8.60	DRILL-N-REAM						5.250	3.00	4.50							
Heavy Weight Drill Pipe		5	31.13	1 JT 4.5" DELTA 425 HWDP						4.500	3.83	4.50							
Cross Over		6	4.65	4" FH X 4.5" DELTA 425						5.250	2.25	4.50							
Filter		7	3.15	FILTER SUB						5.312	2.25	4.00							
Non-Mag Drill Collar		8	30.22	NMDC						5.312	2.75	4.00							
Pulser Sub		9	5.39	PULSER SUB						5.250	2.69	4.00							
Non-Mag Drill Collar		10	30.57	NMDC						5.250	2.69	4.00							
3 Point Reamer		11	5.51	6 1/8" NM Stabilizer						5.062	2.25	4.00							
Steerable Motor		12	36.78	SDI 5.15" 6/7 10.4 FBH @ 1.5" Slick						5.000	1.00	4.00							
Polycrystalline Diamond Bit		13	1.00	BAKER, DD306TWX, 3x10'S, 3x11'S TFA .509						6.750	1.00	3.50							
BHA HRS 23.50		MTR HRS 23.50																	
JAR HRS		MWD Hrs 23.50																	
OPERATIONS (00:00)																			
OPERATION COMMENT				DRLG LATERAL SECTION F/ 18,582' - 19,410', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 19,410' - 19,805'															
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS												
00:00	06:00	18,582.00	18,904.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 18,582' T/ 18,904' (322' @ 53.6' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 295 K, SO: 200 K, ROT: 260 K												
06:00	14:00	18,904.00	19,301.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 18,904' T/ 19,301' (397' @ 49.625' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 295 K, SO: 200 K, ROT: 260 K												
14:00	16:00	19,301.00	19,410.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 19,301' T/ 19,410' (109' @ 54.5' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 295 K, SO: 200 K, ROT: 260 K												
16:00	16:30	19,410.00	19,410.00	07	P	DRLPRO	RIG SERVICE, DROPS INSPECTION.												
16:30	00:00	19,410.00	19,805.00	02	P	DRLPRO	DRILL 6.75" LATERAL SECTION F/ 19,410' T/ 19,805' (395' @ 52.7' FPH) GPM: 325, DIFF: 450-600, PSI ON BTM: 5,550 PSI OFF: 4,950, RPM 70, TRQ, 11.3 K, WOB: 28-32K, PU: 298 K, SO: 195 K, ROT: 265 K												

24 HOUR SUMMARY

RIG NAME : PATTERSON 565
WELL NAME:UL McNASSER 0201-17 8H
AFE: 200861
TARGET: WOLFCAMP UPPER A
DRILLS / HSE: BOP DRILL
SPUDDED WELL: 9/26/2020 18:00
SAFETY TOPIC: PERSONAL HYGIENE, COVID AWARENESS, MIXING CHEMICALS, SLIPS,TRIPS, AND FALLS

DFS: 17.67
DOL: 56.0

NPT: LAST 24 HRS: 0.0
NPT: TOTAL FOR WELL: 1.5 HRS

REGULATORY NOTIFICATIONS:

LAST BOP TEST: 11/07/2020
BOP TEST DUE: 11/28/2020
LAST BOP DRILL: 11/09/2020

CURRENT OPERATIONS AT 06:00: DRLG LATERAL SECTION @ 20,150'

OPERATIONS LAST 24 HOUR: DRLG LATERAL SECTION F/ 18,582' - 19,410', SERVICE RIG AND TOP DRIVE, DRLG LATERAL SECTION F/ 19,410' - 19,805'

24 HR FORECAST: CONT DRLG AHEAD IN 6.75" LATERAL SECTION AS PER PROG

FOOTAGE LAST 24 HRS: 1,223'
ROP: 52.0' FT/HR AVG
ROTATE: 1,105' (90.4 %)
SLIDE: 118.0' (9.6 %)

LITHOLOGY: @ 19,950' MD TRC LS, 100% SH

MUD PROPERTIES: MW: 12.6, VIS 60, PV 23, YP 8, ES 637, WPS 278,517, LGS: 6.56%, O/W: 81/19, 6/3: 8/7

TARGET: 89.0° INC, 11,268' TVD @ 12,000'
90.1° INC, 11,271' TVD @ 12,500'
89.3° INC, 11,277' TVD @ 13,500'
90.0° INC, 11,283' TVD @ 14,000'
89.5° INC, 11,287' TVD @ 14,500'
89.8° INC, 11,289' TVD @ 15,000'
89.3° INC, 11,301' TVD @ 16,000'
88.7° INC, 11,312' TVD @ 16,500'
89.3° INC, 11,327' TVD @ 17,500'
90.0° INC, 11,334' TVD @ 19,000'
90.8° INC, 11,317' TVD @ 19,600' (SHIFTED UP 7.0')

Survey:	Projection To Bit
MD: 20010	MD 20074
INC: 90.8	INC: 90.8
AZI: 162.89	AZI: 162.89
TVD: 11314.26	TVD 11313.37
N+/S-: -8901.96	
E+/W-: 1761.4	A/B: 2.7' A
VS: 9038.93	L/R: 2.9' R
DLS: 0.91	TEMP: 213°F

BRINE WATER:
TOTAL FRESH WATER FOR TANKS:
DAILY CITY FRESH WATER:
DISPOSED: 2.0 CUTTING BOXES
DISPOSAL: 0 CEMENT WASTE

RIG KB: 28.5'
20" CONDUCTOR SET @ 110'
TD SURFACE @ 1,421'
13.375" SURFACE SET @ 1,401'
TD 1ST INTERMEDIATE @ 5,133'
10.75" 1ST INTERMEDIATE SET @ 5,100'
TD 2ND INTERMEDIATE @ 10,685'
7 5/8" CASING SET @ 10,680'
KOP: 10,820'
RIG RELEASE F/ 2ND INT 10/15/2020 10:00 HRS
EOC: 11,729' @ 87.12° INC, 162.08° AZM, 11,255.89' TVD 7.5' A AND 6.0' L
TD WELL @
LINER TOP
RIG RELEASED:

WPX Wellsite Supervisors - Days:JOE YOUNG, Nights: BO BRANTON
SCIENTIFIC Directional Drillers: PABEL BAHENA DAYS, RYAN NUWELL NIGHTS
SCIENTIFIC MWD: CHRIS LI DAYS, REMOTE OPS: MIKE EYEINGTON 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	4,332.52	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	6,575.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	8,935.17	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	750.00	MUD ENGINEER DAILY COST
	0650	8783	FLUID & CUTTINGS DISPOSAL	Mulholland Energy Services	1,800.00	\$900 PER CUTTINGS BIN
	0650	8823	LIVING FACILITIES & SANITATION		85.00	
	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	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	Mud Loggers
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,520.00	DAY RATE FOR 710 JOINTS 4.5" DP, 60 JOINTS 4.5" HWPDP, AND ALL 4.5" TOOLS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	DAILY RENTAL ON DIVERTER ORBIT VALVES AND ROT HEAD ASSY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	DAILY RENTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	180.00	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)	Resource Rental Tools	168.65	In Line Mud Screen Daily Rental Charge \$168.65
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	40.00	OPEN TOP TANK FOR PANIC LINE
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	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)	Totco	684.00	EDR
	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)	Blaxtone Energy, LLC	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8760	RIG DAYWORK	Patterson Drilling	17,750.00	PATTERSON RATE \$17,750/ DAY UPDATED 10/14/2020
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	RIG MOB 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	1,000.00	GATE GUARD
	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	AIP	0.00	JEREMY SKATES, WELL SITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	BO BRANTON, 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
			Daily Total	58,489.00	Daily Mud Cost	9,685.17
			Cumulative Total	2,042,185.58	Cumulative Mud Cost	113,054.99