

WPX Energy															
Daily Drilling Report															
WELL NAME:	UL MILL 3427-21 H 8H	AFE #:	200750	AFE \$:	4,060,000	LANDING PNT	110(usft)	REPORT#:	0001	DATE:	6/13/2020				
FIELD:	PHANTOM	SIDETRACK:	00	DAILY COST \$:	180,292	LATERAL SEC:		DFS:	0.00						
EVENT:	DRILLING	LOCATION:		CUM COST \$:	180,292	TD (MD):	110.0	LITHOLOGY:							
OBJECTIVE:	DEVELOPMENT	CTY,ST:	WINKLER,TEXAS			TD (TVD):	110.0	FORMATION:		Wolfcamp A					
ENGINEER:	D Wayne Johnson	ROT HRS:	0.00			SPUD DATE::	6/15/2020	DIESEL (MUD DIESEL):	0	/	0				
TODAY'S DEPTH:	110 (usft)	CUM ROT:	0.00	+/- PLAN:		RR DATE :		DIESEL (RIG FUEL):	0	/	0				
PREV. DEPTH:	(usft)			RIG::	Patterson 565			SUPERVISOR:		Joe Young					
PROGRESS:	110 (usft)	WEATHER:	FAIR 98°					SUPERVISOR PH. #:		432-203-0226					
PRESENT OPERATION:	ZERO REPORT FOR COSTS AND CONDUCTOR														
OPERATION FORECAST:	ZERO REPORT FOR COSTS AND CONDUCTOR														
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD							
LAST CASING:	20.000(in)	ST WT UP		PRESS		LOSS TIME (hrs):	0.00	BIT #		RPM					
DEPTH:	110(usft)	ST WT DN		RATE		LOSS TIME INC:	0.00	SIZE		HHP					
LAST BOP:		ST WT ROT		DP AV		NEAR MISSES:	0.00	TYPE		P BIT					
LOT EMW:		TQ ON BTM		DC AV		24 HR RIG DOWN:	0.00	JETS	-						
WEIGHT LB/FT:	70.00(ppf)	TQ OFF BTM				CUM RIG DOWN	0.00	DEPTH IN							
CONN:	WELD							DEPTH OUT							
PUMP DATA															
PUMP #	MANU	LINER	STROKE	PRESSURE	GPM			ROP-last 24 I							
1	NATIONAL		12					CUM. FT							
2	NATIONAL		12					CUM. HRS							
3	NATIONAL		12					ROP/Cum-ent							
SURVEY DATA															
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	DULL CONDITION							
								I	O	D	L	B	R	G	T
															-
MUD DATA															
Date:	MUD TYPE	CHECK DEPTH	FL TEMP	WATER (%)	OIL (%)	SAND (%)									
GELS (/	Filter Cak (32nd")	HTHP	MW	VISC	TEMP	ECD									
PV/YP /	MBT	pH Pm	Pf Mf	Cl-	Total Hard	K+									
Lubricant %	ES	WPS	CaCl2	WATER (%)	OIL (%)	HGS (%)									
LGS (%)	SOLIDS (%)	H2S (ppm)	/	0.00 / 0.00											
COMMENTS															
MUD GAS DATA															
CONNECTION MAX				TRIP MAX				BACKGROUND MAX							
CURRENT BHA															
DESCRIPTION	NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE				
BHA HRS	MTR HRS	0													
JAR HRS	MWD Hrs														
OPERATIONS (00:00)															
OPERATION COMMENT ZERO REPORT FOR COSTS AND CONDUCTOR															
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS								
00:00	00:00	110.00	110.00	12	P	F_CON	ZERO REPORT FOR COSTS AND CONDUCTOR								
24 HOUR SUMMARY															
ZERO REPORT FOR COSTS AND CONDUCTOR															
DAILY COST															
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment									
	0650	8875	ACCESS & LOCATION - MATERIALS	*New Vendor	21,390.00	PER D. WAYNE									
	0650	8730	ACCESS & LOCATION - SERVICES	*New Vendor	44,291.66	JOAT OILFIELD SERVICES PAD CONSTRUCTION									
	0650	8862	CONDUCTOR/RAT HOLE - SERVICES	Express Energy Services	15,750.00	Cellar and mouse hole cost,									
	0650	8740	RIG MOBILIZATION/DEMOBILIZATION	Patterson Drilling	0.00	RIG MOVE									
	0650	8877	ROW & SURFACE USE PAYMENTS	WPX Energy	41,299.37	ROW & SURFACE USE PAYMENTS									
	0650	8742	TRUCKING	Blaxtone Energy, LLC	28,500.00	BID TO MOVE FRAC BETWEEN LOCATIONS									
	0652	8918	WELLHEAD - MATERIALS	Cactus Wellhead LLC	27,682.03	WELL HEAD									
	0652	8918	WELLHEAD - MATERIALS	Cactus Wellhead Llc	442.75	CHARGES FOR CACTUS LANDING RING									
	0650	8743	WELLHEAD - SERVICES	Chris Burns Welding LLC	936.00	Install Landing Ring, Invoice									
Daily Total				180,291.81	Daily Mud Cost										
Cumulative Total				180,291.81	Cumulative Mud Cost										

WPX Energy
Daily Drilling Report

WELL NAME:	UL MILL 3427-21 H 8H	AFE #:	200750	AFE \$:	4,060,000	LANDING PNT	110(usft)	REPORT#:	1	DATE:	6/15/2020	
FIELD:	PHANTOM	SIDETRACK:	00	DAILY COST \$:	43,279	LATERAL SEC:		DFS:	0.35			
EVENT:	DRILLING	LOCATION:		CUM COST \$:	223,571	TD (MD):	1,294.0	LITHOLOGY:				
OBJECTIVE:	DEVELOPMENT	CTY,ST:	WINKLER,TEXAS			TD (TVD):	1,293.8	FORMATION:		Wolfcamp A		
ENGINEER:	D Wayne Johnson	ROT HRS:	8.50			SPUD DATE::	6/15/2020	DIESEL (MUD DIESEL):	0	/	0	
TODAY'S DEPTH:	1,294 (usft)	CUM ROT:	8.50	+/- PLAN:		RR DATE :		DIESEL (RIG FUEL):	1,955	/	1,955	
PREV. DEPTH:	110 (usft)			RIG::	Patterson 565			SUPERVISOR:		Joe Young		
PROGRESS:	1,184 (usft)	WEATHER:	CLEAR, ESE 5 MPH, 74°						SUPERVISOR PH. #:		432-203-0226	
PRESENT OPERATION:	TOOH @ 1,468' FOR SURFACE CASING											
OPERATION FORECAST:	DRILL 17.5" SURFACE F/ 1,294' TO 1,606', CIRC., TOOH, RUN 13 3/8" SURFACE CASING, CEMENT AND RELEASE RIG TO UL MILL 9H.											

CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD							
LAST CASING:	20.000(in)	ST WT UP	128.0	PRESS	2,850.00	LOSS TIME (hrs):	0.00	BIT #	1	RPM	143				
DEPTH:	110(usft)	ST WT DN	125.0	RATE	900.0	LOSS TIME INC:	0.00	SIZE	17-1/2 (")	HHP	142.49				
LAST BOP:		ST WT ROT	122.0	DP AV		NEAR MISSES:	0.00	TYPE	T606S	P BIT	272.68				
LOT EMW:		TQ ON BTM	12,500.0	DC AV		24 HR RIG DOWN:	0.00	JETS	9-15						
WEIGHT LB/FT:	70.00(ppf)	TQ OFF BTM	5,000.0			CUM RIG DOWN	0.00	DEPTH IN	110.0						
CONN:	WELD							DEPTH OUT							
PUMP DATA															
PUMP #	MANU	LINER	STROKE	PRESSURE	GPM	ROP-last 24 I	139.3	CUM. FT	1,184.0	CUM. HRS	8.50				
1	NATIONAL	6.000	12	2,850.00	301.4	ROP/Cum-ent	139.3	WOB	10.0-30.0						
2	NATIONAL	6.000	12	2,850.00	297.2										
3	NATIONAL	6.000	12	2,850.00	297.2										
SURVEY DATA															
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	DULL CONDITION							
1,217.00	2.67	257.88	1,216.84	-2.41	-12.30	-2.41	0.91	I	O	D	L	B	R	G	T
1,126.00	2.06	244.07	1,125.92	-1.25	-8.76	-1.25	1.43								
1,037.00	0.84	227.93	1,036.95	-0.11	-6.84	-0.11	0.97								
947.00	0.20	320.14	946.95	0.21	-6.25	0.21	0.59								
856.00	0.71	346.55	855.96	-0.46	-6.01	-0.46	0.52								

MUD DATA														
Date:	6/15/2020 4:00:00PM	MUD TYPE	WATER	CHECK DEPTH	532	FL TEMP	95.00	WATER	97.00 (%)	OIL	0.00 (%)	SAND	0.50 (%)	
GELS (1.0/1.0)	Filter Cak 3.0 (32nd")	HTHP	300.0	MW	8.90	VISC	29.00	TEMP	150.00	ECD				
PV/YP 1.0/2.0	MBT	pH	7.20	Pm	0.06	Pf	0.05	Mf	0.09	Cl-	2800	Total Hard	840	K+
Lubricant %	ES	WPS		CaCl2		WATER (%)		OIL (%)		HGS (%)				
LGS 3.86 (%)	SOLIDS 3.00 (%)	H2S (ppm)		6/3	1.00 / 1.00									

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
	2	100.15	1,184.00		128.00	125.00	122.0	12,500.0			
Heavy Weight Drill Pipe	0	-382.25	5" HWDP						5.00	3.00	4.50
Cross Over	1	5.50	4 1/2" XH x 4 1/2" IF.						6.50	2.75	4.50
Drill Collar	2	349.78	12 JTS - 6 1/2"						6.50	2.75	4.50
Cross Over	3	3.98	6 5/8" REG x 4 1/2" XH						7.83	3.25	4.50
Filter	4	3.11	HXFILTER SUB						8.00	3.25	6.63
Non-Mag Drill Collar	5	28.91	NMDC						8.00	3.31	6.63
Pulser Sub	6	6.25	SSL PULSER SUB						8.00	3.75	6.63
Non-Mag Drill Collar	7	30.85	NMDC						7.94	3.31	6.63
Shock Sub	8	12.67	COUGAR SOCK SUB						8.13	3.13	6.63
3 Point Reamer	9	7.85	12" IBS						8.00	2.88	6.63
Steerable Motor	10	32.00	9 5/8", 7:8, 4.0, REV/GAL .16, 1.5° FIXED, FLOAT						9.81	1.00	6.63
Polycrystalline Diamond Bit	11	1.50	T606S						17.50		7.63
BHA HRS	8.50	MTR HRS	8.50								
JAR HRS		MWD Hrs	8.50								

OPERATIONS (00:00)											
OPERATION COMMENT		WALK RIG OVER F/ UL MILL 7H, MADE UP 17.5" SURFACE BHA AND DRILL SURACE F/ 110' TO 1,294'									
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS				
10:30	13:30	110.00	110.00	01	P	MIRU	PREPARE TO SKID ROG FROM UL MILL 3427-21-G-7H TOUL MILL 3427-21-H-8H, PRE JOB SAFETY MEETING, SKID RIG AND CENTER OVER WELL BORE. SET CATWALK, LOWER "V" DOOR, SET CELLAR PUMPS.				
13:30	14:00	110.00	110.00	01	P	MIRU	FILL SURFACE LINES, FILL CONDUCTOR AND FUNCTION TEST CELLAR PUMPS. PRESSURE TEST STAND PIPE TO 2,500 PSI.				
14:00	15:30	110.00	110.00	06	P	MIRU	HANDLE DIRECTIONAL BHA, PICK UP 9.625" MUD MOTOR (7.8 4.0 STAGE) FXB @ 1.5° MUD MOTOR, SCRIBE AND INSTALL MWD PROBE, MAKE UP BAKER T606S 17.5" BIT, HANDLE REMAINING BHA OUT OF DERRICK.				
15:30	00:00	110.00	1,294.00	02	P	DRLSUR	DRILL 17.5" SURFACE HOLE FROM 110' MD TO 1294' MD (1,184', 139 FPH) 900 GPM, 2850 PSI ON, 2450 PSI OFF, 40-60 RPM, 10K TORQUE ON, 4K TORQUE OFF PU 128 K, SO 122 K, ROT 125 K PUMP HIGH VIS SWEEPS AS NEEDED DROP 2 SOAP STICKS AND 2 SAPP STICKS DOWN PIPE EVERY CONNECTION.				

24 HOUR SUMMARY

WELL NAME: UL MILL 3427-21-H-8H

DRILLS / HSE: PRE SPUD INSPECTION

SPUDDER WELL: 6/13/2020 @ 20:00

SAFETY TOPIC: WALKING RIG, HANDLING BHA, WORKING AROUND CELLAR, MIXING XHEMICAL, WORKING IN EXTREME HEAT

DFS:0.35

DOL: 6.0

NPT: LAST 24 HRS: 0.0

NPT: TOTAL FOR WELL: 0.0 HRS

REGULATORY NOTIFICATIONS:

LAST BOP TEST: NOT INSTALLED

LAST BOP DRILL: NOT INSTALLED

CURRENT OPERATIONS AT 06:00: TOO H @ 1,468' FOR SURFACE CASING

24 HR FORECAST: DRILL 17.5" SURFACE F/ 1,294' TO 1,606', CIRC., TOO H, RUN 13 3/8" SURFACE CASING, CEMENT AND RELEASE RIG TO UL MILL 9H.

OPERATIONS LAST 24 HOUR: WALK RIG OVER F/ UL MILL 7H, MADE UP 17.5" SURFACE BHA AND DRILL SURFACE F/ 110' TO 1,294'

FOOTAGE LAST 24 HRS: 1187'

ROP: 139 FT/HR

ROTATE: 1,090" @ 91.83%

SLIDE: 97' @ 8.17%

LITHOLOGY:

MUD PROPERTIES: MW: 8.9, VIS 30, PV 1, YP 1 PH 7.2, CHL 2,800, LGS: 3.86

LAST SURVEY: 1217 INC: 2.67 AZI: 257.88 TVD: 1216.84 VSECT: -12.3 N/S 1.12 E/W: -2.42 DLS: 0.91

PROJECTION TO BIT: 1294' INC: 2.67°, AZI: 244.2°, ABOVE 1', LEFT 12.6', 26' F/ CENTER F/ 7H.

BRINE WATER:

DAILY FRESH WATER FOR TANKS: 3,481 FROM FRAC POND

DAILY CITY FRESH WATER:

DISPOSED: 0 CUTTING BOXES

DISPOSAL: 0 BBLS

RIG KB: 28.5'

20" CONDUCTOR SET @ 110'

TD SURFACE @ 1,611'

13.375" SURFACE SET @ 1,596'

TD 1ST INTERMEDIATE @

9,625" 1ST INTERMEDIATE SET @

TD 2ND INTERMEDIATE @

KOP @

7" CASING SET

EOC:

TD WELL @

LINER TOP

RIG RELEASED:

WPX Wellsite Supervisors - Days: JOE YOUNG, Nights: JEREMY SKATES

SCIENTIFIC Directional Drillers: DAYS: COBY WILHELM NIGHTS: PABEL BAHENA

SCIENTIFIC Mwd: Days: BRANDON FRUGE NIGHTS: RO

Mud Engineer: WESLEY WELLS

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	4 Star USA	588.00	CLEAN AND DRIFT SURFACE CASING
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	4 1/2" 13.5# PROD LINER CASING
	0650	8790	CONTINGENCY	WPX Energy	3,220.67	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	7,137.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	6,225.78	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	775.00	MUD ENGINEER DAILY COST
	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	0.00	Mud Loggers
	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	30.00	25 FRAC TANKS AND 2 OPEN TOP TANK @ \$30 EA / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	400.00	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)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	DAILY REANTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	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	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	CASING FORKLIFT RENTAL
	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)	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	12,656.25	PATTERSON RATE \$22,500/ DAY
	0650	8740	RIG MOBILIZATION/DEMOBILIZATION	Patterson Drilling	0.00	RIG MOD COSTS (\$19,125, 85% OF DAILY RIG COST)
	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	HENRY DAVIS, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	JEREMY SKATES, WELL SITE SUPERVISOR
	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, Stan and Mark, \$4000/day split between 5 rigs
Daily Total				43,279.01	Daily Mud Cost	7,000.78
Cumulative Total				223,570.82	Cumulative Mud Cost	7,000.78

WPX Energy

Daily Drilling Report

WELL NAME:	UL MILL 3427-21 H 8H	AFE #:	200750	AFE \$:	4,060,000	LANDING PNT	110(usft)	REPORT#:	2	DATE:	6/16/2020
FIELD:	PHANTOM	SIDETRACK:	00	DAILY COST \$:	143,245	LATERAL SEC:		DFS:	1.06		
EVENT:	DRILLING	LOCATION:		CUM COST \$:	366,816	TD (MD):	1,606.0	LITHOLOGY:			
OBJECTIVE:	DEVELOPMENT	CTY,ST:	WINKLER,TEXAS			TD (TVD):	1,605.3	FORMATION:		Wolfcamp A	
ENGINEER:	D Wayne Johnson	ROT HRS:	4.00			SPUD DATE::	6/15/2020	DIESEL (MUD DIESEL):	0	/	0
TODAY'S DEPTH:	1,606 (usft)	CUM ROT:	12.50	+/- PLAN:		RR DATE :		DIESEL (RIG FUEL):	0	/	1,955
PREV. DEPTH:	1,294 (usft)			RIG::	Patterson 565			SUPERVISOR:		Joe Young	
PROGRESS:	312 (usft)	WEATHER:	CLOUDY SE 9MPH, 87°					SUPERVISOR PH. #:		432-203-0226	
PRESENT OPERATION:	RELEASED RIG TO UL MILL 9H										
OPERATION FORECAST:	RELEASED RIG TO UL MILL 9H										

CSG / WELL CONTROL		DRLG DATA			DOWNTIME:		BIT RECORD				
LAST CASING:	20.000(in)	ST WT UP		PRESS	3,250.00	LOSS TIME (hrs):	0.00	BIT #	1	RPM	201
DEPTH:	110(usft)	ST WT DN		RATE	900.0	LOSS TIME INC:	0.00	SIZE	17-1/2 (")	HHP	392.56
LAST BOP:		ST WT ROT		DP AV		NEAR MISSES:	0.00	TYPE	T606S	P BIT	535.88
LOT EMW:		TQ ON BTM	18,000.0	DC AV		24 HR RIG DOWN:	0.00	JETS	9-15		
WEIGHT LB/FT:	70.00(ppf)	TQ OFF BTM	5,000.0			CUM RIG DOWN	0.00	DEPTH IN	110.0		
CONN:	WELD							DEPTH OUT	1,606		

PUMP DATA						ROP-last 24 I	
PUMP #	MANU	LINER	STROKE	PRESSURE	GPM	CUM. FT	CUM. HRS
1	NATIONAL	6.000	12	3,250.00	418.6	1,496.0	12.50
2	NATIONAL	6.000	12	3,250.00	418.6		
3	NATIONAL	6.000	12	3,250.00	418.6		

SURVEY DATA								DULL CONDITION							
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	I	O	D	L	B	R	G	T
1,529.00	3.55	282.86	1,528.44	0.10	-27.59	0.10	0.47								
1,485.00	3.37	284.58	1,484.52	-0.53	-25.01	-0.53	0.71								
1,396.00	2.78	288.85	1,395.65	-1.89	-20.44	-1.89	0.76								
1,336.00	2.55	280.43	1,335.72	-2.60	-17.75	-2.60	1.27								
1,307.00	2.66	272.68	1,306.75	-2.75	-16.44	-2.75	0.76								

MUD DATA													
Date:	6/16/2020 4:00:00PM	MUD TYPE	WATER	CHECK DEPTH	532	FL TEMP	95.00	WATER	97.00 (%)	OIL	0.00 (%)	SAND	0.50 (%)
GELS (1.0/1.0)		Filter Cak	3.0 (32nd")	HTHP	300.0	MW	8.90	VISC	29.00	TEMP	150.00	ECD	
PV/YP	1.0/2.0	MBT		pH	7.20	Pm	0.06	Pf	0.05	Mf	0.09	Cl-	2800
Lubricant %		ES		WPS		CaCl2		WATER	(%)	OIL	(%)	HGS	(%)
LGS	3.86 (%)	SOLIDS	3.00 (%)	H2S	(ppm)	6/3	1.00 / 1.00						

COMMENTS

MUD GAS DATA		
CONNECTION MAX	TRIP MAX	BACKGROUND MAX

CURRENT BHA											
DESCRIPTION	NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE
	2	100.15	312.00					18,000.0			
Heavy Weight Drill Pipe	0	-382.25	5" HWDP						5.00	3.00	4.50
Cross Over	1	5.50	4 1/2" XH x 4 1/2" IF.						6.50	2.75	4.50
Drill Collar	2	349.78	12 JTS - 6 1/2"						6.50	2.75	4.50
Cross Over	3	3.98	6 5/8" REG x 4 1/2" XH						7.83	3.25	4.50
Filter	4	3.11	HXFILTER SUB						8.00	3.25	6.63
Non-Mag Drill Collar	5	28.91	NMDC						8.00	3.31	6.63
Pulser Sub	6	6.25	SSL PULSER SUB						8.00	3.75	6.63
Non-Mag Drill Collar	7	30.85	NMDC						7.94	3.31	6.63
Shock Sub	8	12.67	COUGAR SOCK SUB						8.13	3.13	6.63
3 Point Reamer	9	7.85	12" IBS						8.00	2.88	6.63
Steerable Motor	10	32.00	9 5/8", 7:8, 4.0, REV/GAL .16, 1.5" FIXED, FLOAT						9.81	1.00	6.63
Polycrystalline Diamond Bit	11	1.50	T606S						17.50		7.63

BHA HRS	12.50	MTR HRS	12.50
JAR HRS		MWD Hrs	12.50

OPERATIONS (00:00)

OPERATION COMMENT							OPERATIONS				
FROM	TO	MD from	MD to	CODE	CLASS	PHASE					
DRILL 17.5" SURFACE F/ 1,294' TO 1,606', CIRC., TOOH, RUN 13 3/8" SURFACE CASING, CEMENT AND RELEASE RIG TO UL MILL 9H.											
00:00	04:00	1,294.00	1,606.00	02	P	DRLSUR	DRILL 17.5" SURFACE HOLE FROM 1,294' MD TO 1,606' MD (312', 78 FPH) 900 GPM, 3150 PSI ON, 2450 PSI OFF, 40-60 RPM, 10-15K TORQUE ON, 6K TORQUE OFF PU 128 K, SO 122 K, ROT 125 K PUMP HIGH VIS SWEEPS AS NEEDED DROP 2 SOAP STICKS AND 2 SAPP STICKS DOWN PIPE EVERY CONNECTION.				
04:00	05:00	1,606.00	1,606.00	05	P	F_SUR	CIRC. TWO 30 BBLs SWEEPS AROUND, NO ROTARY UP 60 RPM DOWN. NO FLOW.				
05:00	07:00	1,606.00	1,606.00	06	P	F_SUR	TOOH F/ 1,606' TO SURFACE. NOTE: PULLED TIGHT F/ 1550' TO 1300' CIRC., WASH AND REAMED TIGHT SPOTS.				
07:00	08:00	1,606.00	1,606.00	06	P	F_SUR	RACK BACK ALL DIRECTIONAL TOOLS, BIT GRADE 1-1.				
08:00	08:30	1,606.00	1,606.00	12	P	F_SUR	PJSM W/ 4 STAR CASING CREW AND R/U 4 STAR CASING EQUIPMENT.				
08:30	12:30	1,606.00	1,606.00	05	P	F_SUR	RUN 13 3/8", 54.5#, J-55 GRADE CASING TO 1,591' MD CHECK FLOATS CENTRALIZER 5' ABOVE SHOE, 5' ABOVE FLOAT COLLAR, THEN NEXT THREE JOINTS THEN EVERY 4TH JOINT TO SURFACE. TOTAL OF 13 CENTRALIZERS RAN. FILL CASING ON THE FLY HOLE GIVE PROPER DISPLACEMENT WHILE RUNNING CASING. NO HOLE ISSUES WERE ENCOUNTERED NO CRT WAS USED NO TORQUE TURN OR THREAD REP PRESENT				
12:30	13:00	1,606.00	1,606.00	05	P	F_SUR	CIRCULATE 1.5X CASING VOLUME WHILE RIGGING DOWN CASING CREW AND RIGGING UP CEMENT EQUIPMENT				

OPERATIONS (00:00)

OPERATION COMMENT		DRILL 17.5" SURFACE F/ 1,294' TO 1,606', CIRC., TOO H, RUN 13 3/8" SURFACE CASING, CEMENT AND RELEASE RIG TO UL MILL 9H.					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
13:00	16:00	1,606.00	1,606.00	05	P	F_SUR	CEMENT 13 3/8" SURFACE CASING AS FOLLOWS: PUMP 30 BBLS. DYED FRESH WATER SPACE,PUMPING 339 BBLS (972 SACKS) OF 12.8 PPG LEAD CEMENT @ 6.5 BPM, EXCESS VOLUME 125% (YIELD 1.96 CU.FT/SK, MIX WATER 10.74) PUMP 68 BBLS (290 SACKS) OF 14.8 PPG TAIL @ 6.5 BPM, (YIELD 1.33CU.FT/SK, MIX WATER 6.333) DROP TOP PLUG, PIPE WAS NOT MOVED ONCE LANDED ON HANGER PUMP DISPLACEMENT WITH CEMENT TRUCK AND 10.0 PPG BRINE 239 BBLS DISPLACED AT 7.0 BPM: ICP 175 PSI 100% RETURN FLOW, FCP 650 PSI 100% RETURN FLOW REDUCE RATE TO 4 BPM PRIOR TO PLUG BUMP: INCREASE PRESSURE TO 1100 PSI, CHECK FLOATS – GOOD, 1.0 BBLS BLED BACK 30 BBLS SPACER AND 200 BBLS CEMENT TO SURFACE NO LOSSES ENCOUNTERED DURING CEMENT JOB
16:00	16:30	1,606.00	1,606.00	12	P	F_SUR	RIG DOWN CEMENTING EQUIPMENT.
16:30	17:00	1,606.00	1,606.00	12	P	F_SUR	BACK OUT LAY DOWN LANDING JOINT W/ CACTUS REP. RIG RELEASE F/ UL MILL 3427-21G-7H @ 10:30 HRS ON 06/15/2020

24 HOUR SUMMARY

WELL NAME: UL MILL 3427-21-H-8H
 DRILLS / HSE: MAN DOWN DRILL,
 SPUDDED WELL: 6/13/2020 @ 20:00
 SAFETY TOPIC: HANDLING BHA, WORKING AROUND CELLAR, MIXING CHEMICAL, WORKING IN EXTREME HEAT, RUNNING CASING, CEMENT.
 DFS: 1.35
 DOL: 8.0

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

REGULATORY NOTIFICATIONS:
 LAST BOP TEST: NOT INSTALLED
 LAST BOP DRILL: NOT INSTALLED

CURRENT OPERATIONS AT 06:00: RELEASED RIG TO UL MILL 9H

24 HR FORECAST: RELEASED RIG TO UL MILL 9H

OPERATIONS LAST 24 HOUR: DRILL 17.5" SURFACE F/ 1,294' TO 1,606', CIRC., TOO H, RUN 13 3/8" SURFACE CASING, CEMENT AND RELEASE RIG TO UL MILL 9H @ 17:00 HRS.

FOOTAGE LAST 24 HRS: 312
 ROP: 89 FT/HR
 ROTATE: 312' @ 100%
 SLIDE: ' @ %

LITHOLOGY:
 MUD PROPERTIES:MW: 8.9, VIS 30, PV 1, YP 1 PH 7.2, CHL 2,800, LGS: 3.86

LAST SURVEY: 1529 INC: 3.55 AZI: 282.86 TVD: 1528.44 VSECT: -27.59 N-S 7.81 E-W: 0.08 DLS: 0.48
 PROJECTION TO BIT: 1606' INC: 3.55°, AZI: 282.86°, ABOVE 7.9', LEFT 26.6', 35' F/ CENTER F/ 7H.

BRINE WATER:
 DAILY FRESH WATER FOR TANKS: 4,074 BBLS FROM FRAC POND
 DAILY CITY FRESH WATER:
 DISPOSED: 0 CUTTING BOXES
 DISPOSAL: 0 BBLS

RIG KB: 28.5'
 20" CONDUCTOR SET @ 110'
 TD SURFACE @ 1,606'
 13.375" SURFACE SET @ 1,591'
 TD 1ST INTERMEDIATE @
 9.625" 1ST INTERMEDIATE SET @
 TD 2ND INTERMEDIATE @
 KOP @
 7" CASING SET
 EOC:
 TD WELL @
 LINER TOP
 RIG RELEASED:

WPX Wellsite Supervisors - Days: JOE YOUNG, Nights: JEREMY SKATES
 SCIENTIFIC Directional Drillers: DAYS: COBY WILHELM NIGHTS: PABEL BAHENA
 SCIENTIFIC Mwd: Days: BRANDON FRUGE NIGHTS: RO
 Mud Engineer: WESLEY WELLS

DAILY COST

Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B&L Casing Service LLC	63,305.89	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	4 Star USA	4,300.00	CASING CREW FOR SURFACE CASING.
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	4 1/2" 13.5# PROD LINER CASING
	0650	8400	CEMENT (SURF) - MATERIALS	BJ Services	12,790.26	CASING CREW
	0650	8891	CEMENT (SURF) - SERVICES	BJ Services	15,784.00	SURFACE CASING CEMENT
	0650	8781	CENTRALIZERS & FLOAT EQUIP (SURF) (INT1) (Weatherford International LLC	3,598.58	13.625 FLOAT EQUIPMENT
	0650	8790	CONTINGENCY	WPX Energy	3,220.67	8% Contingency
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Scientific Drilling International Inc	7,137.00	Directional Services
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	6,225.78	Mud products + tax
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	775.00	MUD ENGINEER DAILY COST
	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	0.00	Mud Loggers
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Remote Chokes+ Panel, Flare Stack, 1 Super Chokes, 1 DRILLING CHOKE \$450 / DAY START DATE 5/10/20
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	45.00	5 LED LIGHT TOWERS 45.00EA /DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	684.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	DAILY REANTAL ON PRUITT ROT HEAD AND ORBIT VALVE
	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)	PowerSat	255.00	POWERSAT INTERNET & COMMUNICATIONS
	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)	JST - Johnson Specialty Tools	110.00	2 6x6 TRANSFER PUMPS FOR FRAC FARM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	30.00	30 YARD TRASH TRAILER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	400.00	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	25 FRAC TANKS AND 2 OPEN TOP TANK @ \$30 EA / DAY
	0650	8760	RIG DAYWORK	Patterson Drilling	12,656.25	PATTERSON RATE \$22,500/ DAY
	0650	8740	RIG MOBILIZATION/DEMOBILIZATION	Patterson Drilling	0.00	RIG MOD COSTS (\$19,125, 85% OF DAILY RIG COST)
	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 Technicians w/ supervisors (\$880 each). STANDBY COST @ \$1866.66
	0650	8742	TRUCKING	To A Tee Hot Shot Services	325.00	DELIVER FLOAT EQUIPMENT EQUIPMENT.
	0650	8742	TRUCKING	To A Tee Hot Shot Services	450.00	TAKE PIPE AND EQUIPMENT TO WORK STRINGS
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	JEREMY SKATES, WELL SITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	JIMMY VARELA, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	HENRY DAVIS, WELLSITE SUPERVISOR
	0650	8917	WELLSITE SUPERVISION	WPX Energy	1,005.00	Shared Superintendent/Foreman day rate for Keith, Ian, Stan and Mark, \$4000/day split between 5 rigs
	0650	8917	WELLSITE SUPERVISION	CD Consulting	1,400.00	JOE YOUNG, WELLSITE SUPERVISOR
Daily Total				143,244.74	Daily Mud Cost	7,000.78
Cumulative Total				366,815.55	Cumulative Mud Cost	14,001.56