

WPX Energy																	
Daily Drilling Report																	
WELL NAME:	UL BALDWIN 352623-21 F 6H		AFE #:	200776		AFE \$:	4,060,000		LANDING PNT	10,798(usf)		REPORT#:	26	DATE:	8/5/2020		
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	57,805		LATERAL SEC:	8,180.00		DFS:	24.91				
EVENT:	DRILLING		LOCATION:			CUM COST \$:	2,863,332		TD (MD):	20,075.0		LITHOLOGY:					
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WINKLER,TEXAS		API: 42-495-34514		TD (TVD):		11,194.3		FORMATION:		WOLFCAMP A			
ENGINEER:	Justin Barmore		ROT HRS:	22.00					SPUD DATE::	6/14/2020		DIESEL (MUD DIESEL):		2,158 / 23,014			
TODAY'S DEPTH:		20,075 (usft )	CUM ROT:	320.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,184 / 47,449	
													NAT GAS (DGE):		0.00 / 0.00		
PREV. DEPTH:		19,416 (usft )				RIG::		Patterson 803				SUPERVISOR:		Aron Dees			
PROGRESS:		659 (usft )	WEATHER: 103°, SUNNY									SUPERVISOR PH. #:		575-392-8754			
PRESENT OPERATION:		STRIPPING OUT HOLE @ 12,300'															
OPERATION FORECAST:		ALLOW WELL TO RELAX. SHUT IN AND MONITOR PSI. STRIP OUT OF HOLE TO 10,800'. SPOT ECD PILL. TOH AND C/O BHA. TIH TO 8600'. CIRC BU AND CUT DRILL LINE. TIH TO 9600'. CIRC BU. TIH TO 10,800'. CIRC BU. TIH TO 20,075' & CONT DRILLING 6-3/4" LATERAL TOWARDS TD															
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD						
LAST CASING:		7.625(in)	ST WT UP	260.0	PRESS	5,000.00	LOSS TIME (hrs):		40.00		BIT #		11	RPM	140		
DEPTH:		10,798(usft)	ST WT DN	125.0	RATE	290.0	LOSS TIME INC:		12.00		SIZE		6-3/4 (")		HHP	33.08	
LAST BOP:		7/23/2020	ST WT ROT	200.0	DP AV		NEAR MISSES:		0.00		TYPE		MSDi611		P BIT	195.06	
LOT EMW:			TQ ON BTM	15,500.0	DC AV		24 HR RIG DOWN:		0.00		JETS		3-12, 3-13				
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	7,250.0			CUM RIG DOWN		2.50		DEPTH IN		17,786.0				
CONN:		BTC									DEPTH OUT		20,075				
PUMP DATA																	
PUMP #		MANU		LINER		STROKE		PRESSURE		GPM		ROP-last 24 I		30.0			
1		NATIONAL FD-1600		5.000		12		5,000.00		145.3		CUM. FT		2,289.0			
2		BOMCO F-1600		5.000		12		5,000.00		145.3		CUM. HRS		58.00			
3		BOMCO F-1600		5.000		12				0.0		ROP/Cum-ent		39.5			
SURVEY DATA																	
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	DULL CONDITION									
20,011.00	86.09	341.07	11,189.93	8,865.82	-3,039.54	8,865.82	4.24	I	O	D	L	B	R	G	T		
19,916.00	89.73	342.80	11,186.47	8,775.58	-3,010.11	8,775.58	2.05									-	
19,821.00	88.67	344.43	11,185.14	8,684.45	-2,983.31	8,684.45	2.53										
19,727.00	88.50	342.06	11,182.82	8,594.47	-2,956.22	8,594.47	2.44										
19,632.00	86.79	340.50	11,178.91	8,504.58	-2,925.76	8,504.58	6.46										
MUD DATA																	
Date: 8/5/2020 11:59:00PM			MUD TYPE INVERT		CHECK DEPTH 20,075		FL TEMP 129.00		WATER 14.00 (%)		OIL 60.30 (%)		SAND (%)				
GELS ( 6.0/13.0			Filter Cak 2.0 (32nd")		HTHP 6.8		MW 13.00		VISC 52.00		TEMP 120.00		ECD 14.70				
PV/YP 21.0/10.0			MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+				
Lubricant %			ES 615.0		WPS 281,620		CaCl2		WATER 19.00 (%)		OIL 81.00 (%)		HGS 17.50 (%)				
LGS 6.80 (%)			SOLIDS 24.30 (%)		H2S 0 (ppm )		6/3 6.00 / 3.00										
COMMENTS																	
MUD GAS DATA																	
CONNECTION MAX				3,250.00		TRIP MAX				0.00		BACKGROUND MAX				1,367.00	
CURRENT BHA																	
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE					
		11	13,731.42	659.00	260.00		125.00	200.0	15,500.0								
Heavy Weight Drill Pipe		0	1,395.47	15 STDS HWD P								4.500	2.75	4.25			
Drill Pipe		1	9,391.43	4-1/2" DELTA 425 - 99 STDS								4.500	3.88	4.25			
Aggitator		2	22.43	NOV AGITATOR 1.45 PLATE SIZE								5.250	3.00	4.25			
Drill Pipe		3	2,771.07	4-1/2" DELTA 425 29 STDS & DOUBLE								4.500	3.80	4.25			
Hole Opener		4	8.73	DRILL-N-REAM								5.250	3.00	4.25			
Drill Pipe		5	31.64	1 JT. 4-1/2" DELTA 425								4.500	3.80	4.25			
Cross Over		6	3.55	D425 BOX-XT39 PIN								5.310	2.25	4.25			
Filter		7	3.56	FILTER SUB								5.310	2.50	3.90			
Non-Mag Drill Collar		8	29.56	NMDC								5.180	2.75	3.90			
Non-Mag Drill Collar		9	30.72	NMDC								5.180	2.75	3.90			
Universal Bottom Hole Orienter		10	3.62	UBHO								5.000	2.25	3.90			
Integral Blade Stabilizer		11	4.86	6 1/4 STB								5.250	2.25	4.00			
Steerable Motor		12	33.78	DISCOVERY 5" 7/8 8.3 FBH@1.75 TRU SLICK 0.48 RPG								5.000		3.50			
Polycrystalline Diamond Bit		13	1.00	6-3/4" SMITH MSDi611								6.750		3.50			
BHA HRS		66.50	MTR HRS		66.50												
JAR HRS		MWD Hrs		66.50													
OPERATIONS (00:00)																	
OPERATION COMMENT			DRILL 6-3/4" PROD F/ 19,416' - 20,075'. BLED BACK 17 BBLs AFTER 10 MIN TO ALLOW WELL TO RELAX. SHUT IN WELL AND MONITOR PSI DURING RIG SERVICE. 340 PSI AFTER 10 MIN. CIRC BU @ 20,075' DUE TO NO YIELD FROM MOTOR WHILE SLIDING.														
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS										

OPERATIONS (00:00)							
OPERATION COMMENT				DRILL 6-3/4" PROD F/ 19,416' - 20,075'. BLED BACK 17 BBLs AFTER 10 MIN TO ALLOW WELL TO RELAX. SHUT IN WELL AND MONITOR PSI DURING RIG SERVICE. 340 PSI AFTER 10 MIN. CIRC BU @ 20,075' DUE TO NO YIELD FROM MOTOR WHILE SLIDING.			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:00	19,416.00	19,670.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 19,416' - 19,670' (254' @ 42.3 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 4,900, DIFF: 400-700, TQ: 10-13K  * MW IN/OUT 13.0 PPG * NO LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND FULL OPEN DRILLING CHOKE  * 0 PSI HOLDING ON CONNECTIONS (8-10' FLARE - 6-8 BBL GAIN)  * LITHOLOGY: 100% Shale @ 19,600' MD  Survey: SD: 19537' INC: 92.03° AZI: 343.70° TVD: 11178.01' VS: 8885.95' N/S: 8412.27' E/W: -2893.47' DLS: 2.23°/100' Temp: 189.7° ROP: 68 FT/HR Gamma Ray: 92.7 API Up/Down: 4' Below Left/Right: 34' Left
06:00	18:00	19,670.00	20,000.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 19,670' - 20,000' ( 330' @ 27.5 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 4,900, DIFF: 400-700, TQ: 10-13K  * MW IN/OUT 13.0 PPG * NO LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (8-10' FLARE - 6-8 BBL GAIN)  * LITHOLOGY: 50% Shale - 50% Limestone @ 19,950' MD  Survey: SD: 19916' INC: 89.73° AZI: 342.80° TVD: 11186.54' VS: 9264.63' N/S: 8773.62' E/W: -3006.99' DLS: 2.05°/100' Temp: 189.7° ROP: 30 FT/HR Gamma Ray: 83 API Up/Down: 12' Below Left/Right: 42' Left
18:00	22:00	20,000.00	20,075.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 20,000' - 20,075' ( 75' @ 18.8 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 5,000, DIFF: 400-700, TQ: 12-16K  * MW IN/OUT 13.0 PPG * NO LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (8-10' FLARE - 6-8 BBL GAIN)  * LITHOLOGY: 90% Shale, 10% Limestone @ 20,050' MD  Survey: SD: 20011' INC: 86.09° AZI: 341.07° TVD: 11190.00' VS: 9359.50' N/S: 8863.86' E/W: -3036.43' DLS: 4.24°/100' Temp: 189.7° ROP: 24 FT/HR Gamma Ray: 74.8 API Up/Down: 5.7' Below Left/Right: 45' Left
22:00	22:30	20,075.00	20,075.00	07	P	DRLPRO	SERVICE RIG AND TOP DRIVE.  * LET WELL RELAX 10 MIN - BLED BACK 17 BBLs * SHUT IN AND MONITOR SHUT IN PRESSURE 10 MIN * BUILT 340 PSI FOR 10 MIN
22:30	00:00	20,075.00	20,075.00	05	NP	DRLPRO	CIRC. BOTTOMS UP DUE TO SURVEY SHOWED NO MOTOR YIELD - (19' SLIDE SEEN - INC FELL F/ 89.73° - 86.09°) * 290 GPM, 4350 PSI * WORK PIPE SLOWLY * 12.9 PPG MUD CUT ON B.U. - 3248 UNITS GAS * 10-15' FLARE



PATTERSON 803  
UL BALDWIN 352623-21 F 6H  
AFE: 200776

DFS: 24.91  
DOL: 56.66

SAFETY MEETING TOPIC:  
WELL CONTROL, STAYING HYDRATED, FIRST DAY BACK, INSPECTING WORK AREA ON FIRST DAY OF HITCH

DRILLS / HSE / OBSERVATIONS:  
H2S DRILLS

ACCIDENTS / INCIDENTS LAST 24 HRS:  
NONE

REGULATORY:  
NONE

NPT Daily:  
1.5 - CIRC BU DUE TO NO MOTOR YIELD WHILE SLIDING

TOTAL NPT FOR WELL:  
40.5 HRS

24 HR SUMMARY:  
DRILL 6-3/4" PROD F/ 19,416' - 20,075'. BLED BACK 17 BBLs AFTER 10 MIN TO ALLOW WELL TO RELAX. SHUT IN WELL AND MONITOR PSI DURING RIG SERVICE. 340 PSI AFTER 10 MIN. CIRC BU @ 20,075' DUE TO NO YIELD FROM MOTOR WHILE SLIDING.

AFTER MIDNIGHT:  
STAGE DOWN PUMPS TO ALLOW WELL TO RELAX. SHUT IN WELL AND MONITOR PRESSURE FOR 10 MIN. 338 PSI AFTER 10 MIN. OPEN WELL AND ALLOW WELL TO RELAX FOR 20 MIN. GAINED 15 BBLs AFTER 20 MIN. SHUT IN WELL AND MONITOR PRESSURE FOR 10 MIN. 304 PSI AFTER 10 MIN. PUMP 40 BBL SLUG. STRIP OUT OF HOLE FROM 20,075' PUMPING CALCULATED FILL HOLDING 300 PSI ON ANNULUS TO 12,300'.

PLAN FORWARD:  
ALLOW WELL TO RELAX. SHUT IN AND MONITOR PSI. STRIP OUT OF HOLE TO 10,800'. SPOT ECD PILL. TOH AND C/O BHA. TIH TO 8600'. CIRC BU AND CUT DRILL LINE. TIH TO 9600'. CIRC BU. TIH TO 10,800'. CIRC BU. TIH TO 20,075' & CONT DRILLING 6-3/4" LATERAL TOWARDS TD @ 21,718' ~

TARGET CHANGES AND UPDATES				
Target Line MD End Point Tolerance +/- 8		Target Line TVD	Target inc (")	
12150	11336	91.5		
12500 (Changed at 12,150 MD) (Raised 15')		11309	92.0	
12500	11309	92.0		
13000	11284	92.9		
13500	11265	92.2		
14000 (Changed at 13,570' MD) (Raised 5')		11246	92.2	
14000 (Changed at 13,795' MD) (Raised 5')		11240	92.3	
14000	11234	92.5		
14500 (Changed at 14,145' MD) (Raised 8')		11212	92.5	
14500	11204	92.5		
15000 (Changed at 14,610' MD) (Raised 14')		11183	92.5	
15000	11172	92.1		
15500 (Changed at 15,200' MD) (Raised 12')		11155	92.2	
15500	11143	91.9		
16000	11132	91.3		
16500	11123	91.0		
17000	11120	90.3		
17500 (Changed at 17,020' MD) (INC to 89")		11116	90.5	
17500	11129	89.0		
18000	11142	88.5		
18500	11155	88.5		
19000	11170	88.3		
19500	11174	89.5		
20000	11174	90.0		
20500		11186	89.8	

FOOTAGE LAST 24 HOURS: 659'  
AVG ROP: 30 FPH

LAST SURVEY:  
SD: 20011'  
INC: 86.09°  
AZI: 341.07°  
TVD: 11190.00'  
VS: 9359.50'  
N/S: 8863.86'  
E/W: -3036.43'  
DLS: 4.24"/100'  
Temp: 189.7°  
ROP: 24 FT/HR  
Gamma Ray: 74.8 API  
Up/Down: 5.7' Below  
Left/Right: 45' Left

MUD CHECK:  
PPG: 13.0, VIS: 52, YP: 10

LITHOLOGY:  
90% Shale, 10% Limestone @ 20,050' MD

	DAILY USAGE	TOTAL
CITY FRESH	0 BBLs	0 BBLs (CAMP WATER)
CITY FRESH WATER:	0 BBLs	900 BBLs (CEMENT WATER)
BRINE WATER:	0 BBLs	0 BBLs
CUT BRINE:	0 BBLs	0 BBLs
TRASH DISPOSAL:	0 BBLs	90 BBLs
ROLL OFF BOXES:	1 LOAD	16 LOADS
WATER METER:	0 GALS	3842 GALS

FORMATION TOPS:	TVD
CASTILE	2765'
BELL CANYON:	4958'
CHERRY CANYON:	5898'

BRUSHY CANYON	7100'
1ST BONE SPRING LIME	8488'
AVALON LOWER	8672'
1ST BONE SPRING SAND	8944'
2ND BONE SPRING LIME	9497'
2nd BONE SPRING SAND	9529'
3RD BONE SPRING LIME	10319'
3RD BONE SPRING SAND	11030'
PHANTOM WC FIELD TOP	11315'
WOLFCAMP X	
WOLFCAMP Y	
WOLFCAMP A	
LOWER WC A TOP	
LOWER WC A BASE	
Top Target	
Landing Point	11425'
Base Target	

Rig On Day Work: @ 16:00 P.M.  
SPUD: @ 20:30  
RIG KB: 28.5'  
(Surface Rig)  
20" CONDUCTOR SET AT 112'  
TD SURFACE: 639' MD  
13-3/8" SET @ 628' MD  
10.75" CASING SET @ 5005' MD  
7.625" CASING SET @ 10,798' MD  
RIG RELEASE F/ 2ND INT SECTION: 6/25/2020 @ 20:00 HRS  
KOP @ 10,894' MD  
LAND CURVE @ 11,895' MD  
4.5" CASING SET @ ' MD  
RIG RELEASED @ , HRS  
COMPANY MAN: ARON DEES - DAYS / STEPHEN ATKINSON - NIGHTS  
DIRECTIONAL: SHANE MITCHELL - DAYS / MATT BROWN - NIGHTS  
MUD ENGINEER: HEATH LEE

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	7.625" INT #2. CASING @ \$26.55 / FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	10-3/4" SURFACE CASING @ \$37.20 / FT
	0652	8889	CASING (SURF)	B&L PipeCo.	0.00	9.625" SURFACE CASING @ \$26.63 FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	13-3/8" SURFACE CASING @ \$29.79 PER FOOT
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5-1/2" PROD. LINER @ \$13.59 / FT
	0650	8790	CONTINGENCY	WPX Energy	4,281.83	8% Contingency cost
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Stryker Energy Directional Services	8,300.00	STRYKER DIRECTIONAL/STANDBY/ 8550 MOBILIZATION
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	AES Drilling Fluids	4,381.00	MUD PRODUCT + TAX/TRUCKING
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	AES Drilling Fluids	895.00	MUD ENGINEER
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	1,100.00	CUTTINGS BOXES
	0650	8803	MAN CAMP	Civeo USA, LLC	80.00	Camp rental, 6 camps w/ sewer & water, Superintendent houses split between 6 rigs
	0650	8803	MAN CAMP	Civeo USA, LLC	800.00	Camp rental, 6 camps w/ sewer & water, office
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	MUD LOGGER (\$1885)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Workstring International	0.00	51 JTS 5" HWDP
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,751.84	4-1/2" DP, HWDP, AND HANDLING EQUIP & SUBS, 4-1/2" RAMS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	1,500.00	BLAXTONE, RENT 25 VERT. UPRIGHT TANKS \$750, 3 PUMPS, 5 LIGHT TOWERS, 2 OPENTOP TANKS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	60.00	BLAXTONE ROLL OFF DUMPSTER RENTAL AND COOLING TRAILER AT \$30/DAY EACH
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	ROT. HEAD, AND ORBIT VALVE \$225
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	Blaxtone front end loader
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	100.00	DAILY RENTAL FOR 100\$ / 18" BOP SPOOL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	200.00	INLINE MUD SCREEN HOUSING \$200 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	700.00	EDR - \$700 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	DAILY RENTAL FOR INTERNET, PHONES, INTERCOM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	REMOTE CHOKES, PANEL, FLARE STACK, 2 SUPER CHOKES \$310 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	1,350.00	6 FRAC TANKS OBM & PUMP \$270 / DAY, PREMIX \$250 / DAY, VAC \$100 / DAY, SCREEN CLEANER \$35/ DAY, CONTAINMENT \$115 / DAY, 2 DRIVE OVERS \$50, PUMP \$85, PRESSURE WASHER \$55, 6 X 8 TRAN
	0650	8760	RIG DAYWORK	Patterson Drilling	20,000.02	Patterson Rig Day Rate \$20,000 at 833.333/ Hr
	0650	8760	RIG DAYWORK	Patterson Drilling	330.00	OBM PAY 11 HANDS / \$30 / DAY,
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	Patterson Rig Move Rate \$17,000 at 708.333/Hr
	0650	8880	SAFETY - SERVICES	Cannon Safety	1,090.00	H2S MONITORING - GUARD SHACK
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,325.00	SOLIDS CONTROL, SERVICE AND RENTAL \$3,325 / DAY EQUIPMENT, DELIVER 8' PUP JT
	0650	8742	TRUCKING	To A Tee Hot Shot Services	250.00	
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR STEPHEN ATKINSON
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	WELLSITE SUPERVISOR MIKE ROBERTS
	0650	8917	WELLSITE SUPERVISION	WPX Energy	500.00	Shared Superintendent / Foreman day rate for Keith, Ian, Stan, Mark, Lance, Mike split between 6 rigs
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	WELLSITE SUPERVISOR JEFFERY HARDIE
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR ARON DEES
			Daily Total	57,804.68	Daily Mud Cost	5,276.00
			Cumulative Total	2,863,331.90	Cumulative Mud Cost	307,641.40
NPT SUMMARY						
Start date/time		End date/time		Title	Description	Duration (hr)
8/5/2020 10:30:00PM		8/6/2020 12:00:00AM		NO MOTOR YIELD	SEEN 19' OF SLIDE ON SURVEY AND INC DROPPED FROM 89.73° TO 86.09°	1.50

WPX Energy																								
Daily Drilling Report																								
WELL NAME:	UL BALDWIN 352623-21 F 6H		AFE #:	200776		AFE \$:	4,060,000		LANDING PNT	10,798(usl)		REPORT#:	27		DATE:	8/6/2020								
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	97,050		LATERAL SEC:	8,180.00		DFS:	25.91											
EVENT:	DRILLING		LOCATION:			CUM COST \$:	2,960,382		TD (MD):	20,075.0		LITHOLOGY:												
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WINKLER,TEXAS		API: 42-495-34514		TD (TVD):		11,194.3		FORMATION:		WOLFCAMP A										
ENGINEER:	Justin Barmore		ROT HRS:	0.00				SPUD DATE::		6/14/2020		DIESEL (MUD DIESEL):		250 / 23,264										
TODAY'S DEPTH:		20,075 (usft )	CUM ROT:	320.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,158 / 48,607								
													NAT GAS (DGE):		0.00 / 0.00									
PREV. DEPTH:		20,075 (usft )					RIG::		Patterson 803				SUPERVISOR:		Aron Dees									
PROGRESS:		(usft )	WEATHER: 103°, MOSTLY SUNNY									SUPERVISOR PH. #:		575-392-8754										
PRESENT OPERATION:		TIH W/ 6-3/4" LATERAL BHA 5 @ 20,045'																						
OPERATION FORECAST:		TIH F/ 9522' - 10,800'. CIRC LAST 1/3 ECD PILL HALF WAY UP HOLE. TIH F/ 10,800' - 20,045'. RELOG GAMMA T/ 20,075'. CONT DRILLING 6-3/4" LATERAL TOWARDS TD @ 21,718' ~																						
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD													
LAST CASING:		7.625(in)	ST WT UP				PRESS				LOSS TIME (hrs):		63.50		BIT #				RPM					
DEPTH:		10,798(usft)	ST WT DN				RATE				LOSS TIME INC:		13.00		SIZE				HHP					
LAST BOP:		7/23/2020	ST WT ROT				DP AV				NEAR MISSES:		0.00		TYPE				P BIT					
LOT EMW:			TQ ON BTM				DC AV				24 HR RIG DOWN:		0.00		JETS		-							
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM								CUM RIG DOWN		2.50		DEPTH IN									
CONN:		BTC													DEPTH OUT									
PUMP DATA													DULL CONDITION											
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM													
1		NATIONAL FD-1600			5.000		12																	
2		BOMCO F-1600					12																	
3		BOMCO F-1600					12																	
SURVEY DATA																								
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS										
20,011.00		86.09		341.07		11,189.93		8,865.82		-3,039.54		8,865.82		4.24										
19,916.00		89.73		342.80		11,186.47		8,775.58		-3,010.11		8,775.58		2.05										
19,821.00		88.67		344.43		11,185.14		8,684.45		-2,983.31		8,684.45		2.53										
19,727.00		88.50		342.06		11,182.82		8,594.47		-2,956.22		8,594.47		2.44										
19,632.00		86.79		340.50		11,178.91		8,504.58		-2,925.76		8,504.58		6.46										
MUD DATA																								
Date: 8/6/2020 10:30:00PM			MUD TYPE INVERT			CHECK DEPTH 20,075			FL TEMP 0.00			WATER 13.70 (%)		OIL 60.90 (%)		SAND (%)								
GELS ( 7/0.14.0			Filter Cak 2.0 (32nd" )			HTHP 7.2			MW 13.00			VISC 57.00		TEMP 120.00		ECD 14.70								
PV/YP 22.0/10.0			MBT			pH		Pm		Pf		Mf		Cl-		Total Hard		K+						
Lubricant %			ES 607.0			WPS 280,140			CaCl2			WATER 19.00 (%)		OIL 81.00 (%)		HGS 17.80 (%)								
LGS 6.30 (%)			SOLIDS 24.00 (%)			H2S 0 (ppm )			6/3 6.00 / 5.00															
COMMENTS																								
MUD GAS DATA																								
CONNECTION MAX						0.00			TRIP MAX						0.00			BACKGROUND MAX				0.00		
CURRENT BHA																								
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE												
		12	13,731.45																					
Heavy Weight Drill Pipe		0	1,395.47	15 STDS HWDP						4.500	2.75	4.25												
Drill Pipe		1	9,391.43	4-1/2" DELTA 425 - 99 STDS						4.500	3.88	4.25												
Aggitator		2	22.43	NOV AGITATOR 1.45 PLATE SIZE						5.250	3.00	4.25												
Drill Pipe		3	2,771.07	4-1/2" DELTA 425 29 STDS & DOUBLE						4.500	3.80	4.25												
Hole Opener		4	8.73	DRILL-N-REAM						5.250	3.00	4.25												
Drill Pipe		5	31.64	1 JT. 4-1/2" DELTA 425						4.500	3.80	4.25												
Cross Over		6	3.55	D425 BOX-XT39 PIN						5.310	2.25	4.25												
Filter		7	3.56	FILTER SUB						5.310	2.50	3.90												
Non-Mag Drill Collar		8	29.56	NMDC						5.180	2.75	3.90												
Non-Mag Drill Collar		9	30.72	NMDC						5.180	2.75	3.90												
Universal Bottom Hole Orienter		10	3.62	UBHO						5.000	2.25	3.90												
Integral Blade Stabilizer		11	4.86	6 1/4 STB						5.250	2.25	4.00												
Steerable Motor		12	33.81	DISCOVERY 5" 7/8 8.3 FBH@1.75 TRU SLICK 0.48 RPG						5.000		3.50												
Polycrystalline Diamond Bit		13	1.00	6-3/4" BAKER DD306TWX						6.750		3.50												
		11	13,731.42																					
Heavy Weight Drill Pipe		0	1,395.47	15 STDS HWDP						4.500	2.75	4.25												
Drill Pipe		1	9,391.43	4-1/2" DELTA 425 - 99 STDS						4.500	3.88	4.25												
Aggitator		2	22.43	NOV AGITATOR 1.45 PLATE SIZE						5.250	3.00	4.25												
Drill Pipe		3	2,771.07	4-1/2" DELTA 425 29 STDS & DOUBLE						4.500	3.80	4.25												
Hole Opener		4	8.73	DRILL-N-REAM						5.250	3.00	4.25												
Drill Pipe		5	31.64	1 JT. 4-1/2" DELTA 425						4.500	3.80	4.25												
Cross Over		6	3.55	D425 BOX-XT39 PIN						5.310	2.25	4.25												
Filter		7	3.56	FILTER SUB						5.310	2.50	3.90												
Non-Mag Drill Collar		8	29.56	NMDC						5.180	2.75	3.90												
Non-Mag Drill Collar		9	30.72	NMDC						5.180	2.75	3.90												
Universal Bottom Hole Orienter		10	3.62	UBHO						5.000	2.25	3.90												
Integral Blade Stabilizer		11	4.86	6 1/4 STB						5.250	2.25	4.00												
Steerable Motor		12	33.78	DISCOVERY 5" 7/8 8.3 FBH@1.75 TRU SLICK 0.48 RPG						5.000		3.50												
Polycrystalline Diamond Bit		13	1.00	6-3/4" SMITH MSDi611						6.750		3.50												
BHA HRS		2.50	MTR HRS		2.50																			
JAR HRS			MWD Hrs		2.50																			

OPERATIONS (00:00)							
OPERATION COMMENT		STAGE DOWN PUMPS, ALLOW WELL TO RELAX. SHUT IN WELL, MONITOR PSI FOR 10 MIN. 338 PSI AFTER 10 MIN. ALLOW WELL TO RELAX FOR 20 MIN. GAINED 15 BBLS AFTER 20 MIN. SHUT IN WELL. MONITOR PSI FOR 10 MIN. 304 PSI AFTER 10 MIN. PUMP 40 BBL SLUG. STRIP OUT OF HOLE F/ 20,075' PUMP CALC FILL HOLDING 300 PSI ON ANNULUS T/ 10,800'. CIRC. SURFACE T/ SURFACE STKS TO REMOVE SLUG FROM WELLBORE. STAGE DOWN PUMPS & ALLOW WELL TO RELAX. SHUT IN WELL, MONITOR PSI FOR 10 MIN. 311 PSI AFTER 10 MIN. OPEN WELL, ALLOW WELL TO RELAX FOR 10 MIN. FLOW FELL FROM 62 BBLS/HR TO 25 BBLS/HR AFTER 10 MIN. SHUT IN WELL. MONITOR PSI FOR 10 MIN. 275 PSI AFTER 10 MIN. SPOT 176 BBL, 600 PSI ECD PILL AT 10,800'. TOH FROM 10,800' - BHA ON TRIP TANKS. L/D BHA - MM DRAINED, NO SQUAT. BIT GRADED - 2-2-CT-S-IN-WT-HP. P/U NEW 5" DISCOVERY 7/8 8.3 MOTOR, 6-3/4" DD306TWX. SURFACE TEST. TIH F/ BHA - T/ 2922'. CIRC. B.U. BEFORE P/U AGITATOR. P/U AGITATOR - * NOV 1.45 PLATE AND PSI DROP TEST AFTER - 475 PSI DROP. TIH F/ 2930' - 8250'. PULL TRIP NIPPLE & INSTALL ROT. HEAD RUBBER. SLIP AND CUT DRILL LINE. SERVICE RIG AND TOP DRIVE. CIRCULATE OUT FIRST 1/3 OF ECD PILL. TIH F/ 8250' - 9522'. FILL PIPE, CIRC OUT SECOND 1/3 OF ECD PILL.					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	01:30	20,075.00	20,075.00	05	NP	DRLPRO	CIRC. BOTTOMS UP DUE TO SURVEY SHOWED NO MOTOR YIELD - (19' SLIDE SEEN - INC FELL F/ 89.73° - 86.09°) * 290 GPM, 4350 PSI * WORK PIPE SLOWLY * 12.9 PPG MUD CUT ON B.U. - 3248 UNITS GAS * 10-15' FLARE  CHECK SICP 2 MIN - 210 PSI 4 MIN - 277 PSI 6 MIN - 310 PSI 8 MIN - 326 PSI 9 MIN - 332 PSI 10MIN - 338 PSI  SHUT OFF PUMPS AND MONITOR FLOW AT TRIP TANK FOR 20 MINUTES 20 BBLS BACK AT END OF 20 MIN  CHECK SICP 10 MIN 2 MIN - 194 PSI 4 MIN - 247 PSI 6 MIN - 276 PSI 8 MIN - 292 PSI 10 MIN - 304 PSI  * PUMP 40 BBLS - 3 PPG OVER SLUG AND SOH
01:30	06:30	20,075.00	20,075.00	06	NP	DRLPRO	STRIP OUT OF HOLE F/ 20,075' - 10,800' * PUMPING CALCULATED FILL ON BACKSIDE EVERY STAND * 9 STKS PER STAND, 0.62 BBL / STAND * HOLDING 300 PSI BACK PRESSURE * PULL SPEED 135 FT/ MIN * HOLE SLICK, NO OVERPULL THROUGH OUT O.H.
06:30	08:00	20,075.00	20,075.00	05	NP	DRLPRO	CIRCULATE SURFACE T/ SURFACE STROKES @ 10,800' TO REMOVE SLUG FROM WELLBORE * 6200 STROKES * START @ 290 GPM, LOST 8 BBLS / SLOWED DOWN T/ 250 GPM, LOST 6 BBLS, DROP 230 GPM - 0 LOSS * WORK PIPE SLOWLY
08:00	09:00	20,075.00	20,075.00	22	NP	DRLPRO	CHECK SICP 2 MIN - 205 PSI 4 MIN - 250 PSI 6 MIN - 277 PSI 8 MIN - 295 PSI 9 MIN - 306 PSI 10MIN - 311 PSI  OPEN WELL AND MONITOR FLOW AT TRIP TANK FOR 10 MINUTES * START @ 62 BBLS / HR * 5 MIN @ 42 BBLS / HR * 10 MIN @ 25 BBLS / HR  CHECK SICP 10 MIN 1 MIN - 86 PSI 2 MIN - 140 PSI 3 MIN - 180 PSI 4 MIN - 204 PSI 5 MIN - 221 PSI 6 MIN - 232 PSI 7 MIN - 245 PSI 8 MIN - 254 PSI 9 MIN - 263 PSI 10 MIN - 275 PSI
09:00	10:00	20,075.00	20,075.00	05	NP	DRLPRO	SPOT 176 BBL, 600 PSI ECD PILL AT 10,800'  CALCULATED PILL TO BE IN PLACE AS BOTTOMS UP STROKES ARE REACHED PUMP 375 STROKES - 26 BBLS ACTIVE @ 13.0 PPG PUMP 2551 STROKES - 176 BBLS KILL MUD @ 15.9 PPG PUMP 708 STROKES - 49 BBLS ACTIVE @ 13.0 PPG PUMP 361 STROKES - 25 BBLS SLUG @ 15.9 PPG PUMP 144 STROKES - 10 BBLS ACTIVE TO CLEAR SURFACE LINES  ECD PILL HEIGHT WITH NO PIPE 3834' FOR 600 PSI OVER HYDROSTATIC BOTTOM PILL = 10,800' TOP OF PILL = 6966' WITH NO PIPE.
10:00	14:00	20,075.00	20,075.00	06	NP	DRLPRO	TRIP OUT OF HOLE FROM 10,800' - BHA * FLOW CHECK - WELL DEAD * MONITOR HOLE FILL WITH TRIP TANK * HOLE TAKING PROPER FILL * TRIP SPEED 180-220 FT/MIN * PULL ROT. HEAD AND INSTALL TRIP NIPPLE @ 3200' * L/D AGITATOR



OPERATIONS (00:00)							
OPERATION COMMENT		STAGE DOWN PUMPS, ALLOW WELL TO RELAX. SHUT IN WELL, MONITOR PSI FOR 10 MIN. 338 PSI AFTER 10 MIN. ALLOW WELL TO RELAX FOR 20 MIN. GAINED 15 BBLs AFTER 20 MIN. SHUT IN WELL. MONITOR PSI FOR 10 MIN. 304 PSI AFTER 10 MIN. PUMP 40 BBL SLUG. STRIP OUT OF HOLE F/ 20,075' PUMP CALC FILL HOLDING 300 PSI ON ANNULUS T/ 10,800'. CIRC. SURFACE T/ SURFACE STKS TO REMOVE SLUG FROM WELLBORE. STAGE DOWN PUMPS & ALLOW WELL TO RELAX. SHUT IN WELL, MONITOR PSI FOR 10 MIN. 311 PSI AFTER 10 MIN. OPEN WELL, ALLOW WELL TO RELAX FOR 10 MIN. FLOW FELL FROM 62 BBLs/HR TO 25 BBLs/HR AFTER 10 MIN. SHUT IN WELL. MONITOR PSI FOR 10 MIN. 275 PSI AFTER 10 MIN. SPOT 176 BBL, 600 PSI ECD PILL AT 10,800'. TOH FROM 10,800' - BHA ON TRIP TANKS. L/D BHA - MM DRAINED, NO SQUAT. BIT GRADED - 2-2-CT-S-IN-WT-HP. P/U NEW 5" DISCOVERY 7/8 8.3 MOTOR, 6-3/4" DD306TWX. SURFACE TEST. TIH F/ BHA - T/ 2922'. CIRC. B.U. BEFORE P/U AGITATOR. P/U AGITATOR - * NOV 1.45 PLATE AND PSI DROP TEST AFTER - 475 PSI DROP. TIH F/ 2930' - 8250'. PULL TRIP NIPPLE & INSTALL ROT. HEAD RUBBER. SLIP AND CUT DRILL LINE. SERVICE RIG AND TOP DRIVE. CIRCULATE OUT FIRST 1/3 OF ECD PILL.TIH F/ 8250' - 9522'. FILL PIPE, CIRC OUT SECOND 1/3 OF ECD PILL.					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
14:00	16:00	20,075.00	20,075.00	06	NP	DRLPRO	L/D BHA - MM DRAINED, HAD NO SQUAT * BIT GRADED 2-2-CT-S-IN-WT-HP  P/U 6-3/4" LATERAL BHA AS FOLLOWS: * 6-3/4" DD306TWX-- SER# 5303264 * 5" DISCOVERY 7/8 8.3 FBH @ 1.75" SLICK SLEEVE, 200-400 GPM, 1,960 MAX DIFF, 0.48 RPG * 6 1/4 NM STAB DTI * UBHO REDNECK * NMDC DTI DR37776 * NMDC DTI DR40957 * FILTER SUB DTI DR45797 * X/O -- D425 BOX ~ XT-39 PIN DTI DR45787 * 1 JOINT 4.5" D.P. * DRILL N REAM DRILL REAM / DRILLING TOOLS * 29 STANDS + 2 JOINTS DP * NOV AGITATOR 1.45 PLATE - AGHF0525-0074 -- PLACED @ 2944.55
16:00	17:30	20,075.00	20,075.00	06	NP	DRLPRO	TIH F/ BHA - T/ 2922' * HOLE DISPLACING CALCULATED DISPLACMENT
17:30	18:00	20,075.00	20,075.00	05	NP	DRLPRO	CIRC. B.U. BEFORE P/U AGITATOR @ 290 GPM / 2000 PSI P/U AGITATOR - * NOV 1.45 PLATE - AGHF0525-0074 -- PLACED @ 2944.52' PRESSURE AFTER P/U AGITATOR @ 290 GPM / 2475 PSI - 475 PSI PRESSURE DROP
18:00	20:00	20,075.00	20,075.00	06	NP	DRLPRO	TIH F/ 2944' - 8250' * HOLE UNDER DISPLACING - 0.5/1.0 BBL EVERY 5 STDs * PULL TRIP NIPPLE & INSTALL ROT. HEAD RUBBER
20:00	21:00	20,075.00	20,075.00	09	NP	DRLPRO	SLIP AND CUT DRILL LINE - 90' * CHECK CROWN-O-MATIC
21:00	21:30	20,075.00	20,075.00	07	P	DRLPRO	SERVICE RIG AND TOP DRIVE
21:30	22:30	20,075.00	20,075.00	05	NP	DRLPRO	FILL PIPE, CIRCULATE OUT FIRST 1/3 OF ECD PILL * 200 GPM @ 1800 PSI - CATCH HEAVY MUD IN TRIP TANKS
22:30	23:00	20,075.00	20,075.00	06	NP	DRLPRO	TIH F/ 8250' - 9522' * HOLE DISPLACING CALCULATED DISPLACEMENT
23:00	00:00	20,075.00	20,075.00	05	NP	DRLPRO	FILL PIPE, CIRCULATE OUT SECOND 1/3 OF ECD PILL * 175 GPM @ 1550 PSI - CATCH HEAVY MUD IN TRIP TANKS



PATTERSON 803  
UL BALDWIN 352623-21 F 6H  
AFE: 200776

DFS: 25.91  
DOL: 57.66

SAFETY MEETING TOPIC:  
TRIPPING HAZARDS, PINCH POINTS, FIRST TRIP BACK FROM DAYS OFF, RELAYING RELATIVE INFORMATION - GOOD HANDOVER, O.B.M. TRANSFERS

DRILLS / HSE / OBSERVATIONS:  
BOP PIT DRILLS

ACCIDENTS / INCIDENTS LAST 24 HRS:  
NONE

REGULATORY:  
NONE

NPT Daily:  
23.5 - TRIP DUE TO NO MOTOR YIELD WHILE SLIDING

TOTAL NPT FOR WELL:  
64 HRS

24 HR SUMMARY:  
STAGE DOWN PUMPS, ALLOW WELL TO RELAX. SHUT IN WELL, MONITOR PSI FOR 10 MIN. 338 PSI AFTER 10 MIN. ALLOW WELL TO RELAX FOR 20 MIN. GAINED 15 BBLS AFTER 20 MIN. SHUT IN WELL. MONITOR PSI FOR 10 MIN. 304 PSI AFTER 10 MIN. PUMP 40 BBL SLUG. STRIP OUT OF HOLE F/ 20,075' PUMP CALC FILL HOLDING 300 PSI ON ANNULUS T/ 10,800'. CIRC. SURFACE T/ SURFACE STKS TO REMOVE SLUG FROM WELLBORE. STAGE DOWN PUMPS & ALLOW WELL TO RELAX. SHUT IN WELL, MONITOR PSI FOR 10 MIN. 311 PSI AFTER 10 MIN. OPEN WELL, ALLOW WELL TO RELAX FOR 10 MIN. FLOW FELL FROM 62 BBLS/HR TO 25 BBLS/HR AFTER 10 MIN. SHUT IN WELL. MONITOR PSI FOR 10 MIN. 275 PSI AFTER 10 MIN. SPOT 176 BBL, 600 PSI ECD PILL AT 10,800'. TOH FROM 10,800' - BHA ON TRIP TANKS. L/D BHA - MM DRAINED, NO SQUAT. BIT GRADED - 2-2-CT-S-IN-WT-HP. P/U NEW 5" DISCOVERY 7/8 8.3 MOTOR, 6-3/4" DD306TWX. SURFACE TEST. TIH F/ BHA - T/ 2922'. CIRC. B.U. BEFORE P/U AGITATOR. P/U AGITATOR - \* NOV 1.45 PLATE AND PSI DROP TEST AFTER - 475 PSI DROP. TIH F/ 2930' - 8250'. PULL TRIP NIPPLE & INSTALL ROT. HEAD RUBBER. SLIP AND CUT DRILL LINE. SERVICE RIG AND TOP DRIVE. CIRCULATE OUT FIRST 1/3 OF ECD PILL. TIH F/ 8250' - 9522'. FILL PIPE, CIRC OUT SECOND 1/3 OF ECD PILL.

AFTER MIDNIGHT:  
TIH F/ 9522' - 10,800'. CIRC LAST 1/3 ECD PILL HALF WAY UP HOLE. TIH F/ 10,800' - 20,045'.

PLAN FORWARD:  
TIH F/ 9522' - 10,800'. CIRC LAST 1/3 ECD PILL HALF WAY UP HOLE. TIH F/ 10,800' - 20,045'. RELOG GAMMA T/ 20,075'. CONT DRILLING 6-3/4" LATERAL TOWARDS TD @ 21,718' ~

TARGET CHANGES AND UPDATES			
Target Line MD End Point Tolerance +/- 8	Target Line TVD	Target inc (")	
20000'	11174 90.0		
20500'		11186	89.8

FOOTAGE LAST 24 HOURS: 0'  
AVG ROP: 0 FPH

LAST SURVEY:  
SD: 20011'  
INC: 86.09°  
AZI: 341.07°  
TVD: 11190.00'  
VS: 9359.50'  
N/S: 8863.86'  
E/W: -3036.43'  
DLS: 4.24°/100'  
Temp: 189.7°  
ROP: 24 FT/HR  
Gamma Ray: 74.8 API  
Up/Down: 5.7' Below  
Left/Right: 45' Left

MUD CHECK:  
PPG: 13.0, VIS: 57, YP: 10

LITHOLOGY:  
90% Shale, 10% Limestone @ 20,050' MD

	DAILY USAGE	TOTAL
CITY FRESH	0 BBLS	0 BBLS (CAMP WATER)
CITY FRESH WATER:	0 BBLS	900 BBLS (CEMENT WATER)
BRINE WATER:	0 BBLS	0 BBLS
CUT BRINE:	0 BBLS	0 BBLS
TRASH DISPOSAL:	0 BBLS	90 BBLS
ROLL OFF BOXES:	0 LOADS	16 LOADS
WATER METER:	0 GALS	3842 GALS

FORMATION TOPS:	TVD
CASTILE	2765'
BELL CANYON:	4958'
CHERRY CANYON:	5898'
BRUSHY CANYON	7100'
1ST BONE SPRING LIME	8488'
AVALON LOWER	8672'
1ST BONE SPRING SAND	8944'
2ND BONE SPRING LIME	9497'
2nd BONE SPRING SAND	9529'
3RD BONE SPRING LIME	10319'
3RD BONE SPRING SAND	11030'
PHANTOM WC FIELD TOP	11315'
WOLFCAMP X	
WOLFCAMP Y	
WOLFCAMP A	
LOWER WC A TOP	
LOWER WC A BASE	
Top Target	
Landing Point	11425'
Base Target	

Rig On Day Work: @ 16:00 P.M.  
SPUD: @ 20:30  
RIG KB: 28.5'  
(Surface Rig)  
20" CONDUCTOR SET AT 112'  
TD SURFACE: 639' MD  
13-3/8" SET @ 628' MD  
10.75" CASING SET @ 5005' MD  
7.625" CASING SET @ 10,798' MD  
RIG RELEASE F/ 2ND INT SECTION: 6/25/2020 @ 20:00 HRS  
KOP @ 10,894' MD  
LAND CURVE @ 11,895' MD  
5.5" CASING SET @ ' MD  
RIG RELEASED @ , HRS  
COMPANY MAN: ARON DEES - DAYS / STEPHEN ATKINSON - NIGHTS  
DIRECTIONAL: SHANE MITCHELL - DAYS / MATT BROWN - NIGHTS  
MUD ENGINEER: J. SHELTON

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0650	8732	BITS	Baker Hughes Oilfield Operations I	10,648.00	6-3/4" DD306TWX - S/N: 5303264
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	7.625" INT #2. CASING @ \$26.55 / FT
	0652	8889	CASING (SURF)	B&L PipeCo.	0.00	9.625" SURFACE CASING @ \$26.63 FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	10-3/4" SURFACE CASING @ \$37.20 / FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	13-3/8" SURFACE CASING @ \$29.79 PER FOOT
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5-1/2" PROD. LINER @ \$13.59 / FT
	0650	8790	CONTINGENCY	WPX Energy	7,188.91	8% Contingency cost
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Stryker Energy Directional Service	22,200.00	STRYKER DIRECTIONAL/STANDBY/ 8550 MOBILIZATION
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	AES Drilling Fluids	4,334.86	MUD PRODUCT + TAX/TRUCKING
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	AES Drilling Fluids	895.00	MUD ENGINEER
	0650	8167	DYED DIESEL-MUD TANKS	Delta Fuel	10,699.40	7202 GAL MUD DIESEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	0.00	CUTTINGS BOXES
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	395.71	SUPT SPLIT COST CAMP WATER AND SEWER
	0650	8803	MAN CAMP	Civeo USA, LLC	80.00	Camp rental, 6 camps w/ sewer & water, Superintendent houses split between 6 rigs
	0650	8803	MAN CAMP	Civeo USA, LLC	800.00	Camp rental, 6 camps w/ sewer & water, office
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	MUD LOGGER (\$1885)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,751.84	4-1/2" DP, HWDP, AND HANDLING EQUIP & SUBS, 4-1/2" RAMS
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Workstring International	0.00	51 JTS 5" HWDP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	1,350.00	6 FRAC TANKS OBM & PUMP \$270 / DAY, PREMIX \$250 / DAY, VAC \$100 / DAY, SCREEN CLEANER \$35/ DAY, CONTAINMENT \$115 / DAY, 2 DRIVE OVERS \$50, PUMP \$85, PRESSURE WASHER \$55, 6 X 8 TRAN
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	1,500.00	BLAXTONE, RENT 25 VERT. UPRIGHT TANKS \$750, 3 PUMPS, 5 LIGHT TOWERS, 2 OPENTOP TANKS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	REMOTE CHOKES, PANEL, FLARE STACK, 2 SUPER CHOKES \$310 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	DAILY RENTAL FOR INTERNET, PHONES, INTERCOM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	100.00	DAILY RENTAL FOR 100\$ / 18" BOP SPOOL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	Blaxtone front end loader
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	60.00	BLAXTONE ROLL OFF DUMPSTER RENTAL AND COOLING TRAILER AT \$30/DAY EACH
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	ROT. HEAD, AND ORBIT VALVE \$225
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	200.00	INLINE MUD SCREEN HOUSING \$200 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	700.00	EDR - \$700 / DAY
	0650	8760	RIG DAYWORK	Patterson Drilling	20,000.02	Patterson Rig Day Rate \$20,000 at 833.333/ Hr
	0650	8760	RIG DAYWORK	Patterson Drilling	330.00	OBM PAY 11 HANDS / \$30 / DAY,
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	Patterson Rig Move Rate \$17,000 at 708.333/Hr
	0650	8880	SAFETY - SERVICES	Cannon Safety	1,090.00	H2S MONITORING - GUARD SHACK
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,325.00	SOLIDS CONTROL, SERVICE AND RENTAL \$3,325 / DAY EQUIPMENT,
	0650	8742	TRUCKING	Blaxtone Energy, LLC	945.00	DELIVER LIGHT TOWERS AND FORKLIFT
	0650	8742	TRUCKING	Zoom Hot Shot & Transportation	755.00	DELIVER LINER HANGER AND CEMENT HEAD
	0650	8742	TRUCKING	Zoom Hot Shot & Transportation	391.50	DELIVER AGITATOR
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	WELLSITE SUPERVISOR JEFFERY HARDIE
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	WELLSITE SUPERVISOR MIKE ROBERTS
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR STEPHEN ATKINSON
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR ARON DEES
	0650	8917	WELLSITE SUPERVISION	WPX Energy	500.00	Shared Superintendent / Foreman day rate for Keith, Ian, Stan, Mark, Lance, Mike split between 6 rigs
			Daily Total	97,050.23	Daily Mud Cost	15,929.26
			Cumulative Total	2,960,382.13	Cumulative Mud Cost	323,570.66

NPT SUMMARY				
Start date/time	End date/time	Title	Description	Duration (hr)
8/5/2020 10:30:00PM	8/6/2020 9:00:00PM	NO MOTOR YIELD	SEEN 19' OF SLIDE ON SURVEY AND INC DROPPED FROM 89.73° TO 86.09°	22.50
8/6/2020 9:30:00PM		NO MOTOR YIELD	SEEN 19' OF SLIDE ON SURVEY AND INC DROPPED FROM 89.73° TO 86.09°	2.50

WPX Energy																	
Daily Drilling Report																	
WELL NAME:	UL BALDWIN 352623-21 F 6H		AFE #:	200776		AFE \$:	4,060,000		LANDING PNT	10,798(usl)		REPORT#:	28	DATE:	8/7/2020		
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	73,392		LATERAL SEC:	8,608.00		DFS:	26.91				
EVENT:	DRILLING		LOCATION:			CUM COST \$:	3,033,774		TD (MD):	20,503.0		LITHOLOGY:					
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WINKLER,TEXAS		API: 42-495-34514		TD (TVD):		11,170.5		FORMATION:		WOLFCAMP A			
ENGINEER:	Justin Barmore		ROT HRS:	15.50				SPUD DATE::		6/14/2020		DIESEL (MUD DIESEL):		2,869 / 26,133			
TODAY'S DEPTH:		20,503 (usft )	CUM ROT:	336.00		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		938 / 49,545	
													NAT GAS (DGE):		0.00 / 0.00		
PREV. DEPTH:		20,075 (usft )				RIG::		Patterson 803				SUPERVISOR:		Aron Dees			
PROGRESS:		428 (usft )	WEATHER: 102°/74°, SUNNY, SE WINDS 10 MPH										SUPERVISOR PH. #:		575-392-8754		
PRESENT OPERATION:		DRILLING 6-3/4" LATERAL @ 20,680'															
OPERATION FORECAST:		CONT DRILLING 6-3/4" LATERAL TOWARDS TD @ 21,718' ~															
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:				BIT RECORD							
LAST CASING:		7.625(in)	ST WT UP	250.0	PRESS	5,200.00	LOSS TIME (hrs):		71.50		BIT #	12	RPM	140			
DEPTH:		10,798(usft)	ST WT DN	130.0	RATE	290.0	LOSS TIME INC:		13.00		SIZE	6-3/4 (")	HHP	33.08			
LAST BOP:		7/23/2020	ST WT ROT	195.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX	P BIT	195.06			
LOT EMW:			TQ ON BTM	16,000.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-12, 3-13					
WEIGHT LB/FT:		29.70(ppf)	TQ OFF BTM	7,850.0			CUM RIG DOWN		2.50		DEPTH IN	20,075.0					
CONN:		BTC									DEPTH OUT						
PUMP DATA																	
PUMP #	MANU			LINER	STROKE		PRESSURE		GPM		CUM. FT	428.0					
1	NATIONAL FD-1600			5.000	12		5,200.00		145.3		CUM. HRS	15.50					
2	BOMCO F-1600			5.000	12				0.0		ROP/Cum-ent	27.6					
3	BOMCO F-1600			5.000	12		5,200.00		145.3		WOB	23.0-24.0					
SURVEY DATA											DULL CONDITION						
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS										
20,390.00	92.93	347.80	11,176.23	9,228.89	-3,144.59	9,228.89	2.57										
20,296.00	94.84	346.32	11,182.60	9,137.49	-3,123.59	9,137.49	2.53										
20,201.00	94.28	343.98	11,190.15	9,045.96	-3,099.32	9,045.96	5.91										
20,106.00	89.68	340.76	11,193.44	8,955.52	-3,070.57	8,955.52	3.79										
20,011.00	86.09	341.07	11,189.93	8,865.82	-3,039.54	8,865.82	4.24										
MUD DATA																	
Date: 8/8/2020 10:30:00PM		MUD TYPE INVERT		CHECK DEPTH 20,075		FL TEMP 0.00		WATER 14.20 (%)		OIL 60.90 (%)		SAND (%)					
GELS ( 7.0/14.0		Filter Cak 2.0 (32nd")		HTHP 7.2		MW 13.00		VISC 53.00		TEMP 120.00		ECD 15.08					
PV/YP 20.0/10.0		MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+					
Lubricant %		ES 587.0		WPS 284,458		CaCl2		WATER 19.00 (%)		OIL 81.00 (%)		HGS 18.10 (%)					
LGS 5.30 (%)		SOLIDS 23.50 (%)		H2S 0 (ppm )		6/3 6.00 / 5.00											
COMMENTS																	
MUD GAS DATA																	
CONNECTION MAX				2,202.00		TRIP MAX				3,345.00		BACKGROUND MAX				1,504.00	
CURRENT BHA																	
DESCRIPTION		NUMBER	LENGTH	DRILL ROT		DRILL SLIDE		P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE			
		12	13,731.45	428.00				250.00	130.00	195.0	16,000.0						
Heavy Weight Drill Pipe		0	1,395.47	15 STDS HWDP										4.500	2.75	4.25	
Drill Pipe		1	9,391.43	4-1/2" DELTA 425 - 99 STDS										4.500	3.88	4.25	
Aggitator		2	22.43	NOV AGITATOR 1.45 PLATE SIZE										5.250	3.00	4.25	
Drill Pipe		3	2,771.07	4-1/2" DELTA 425 29 STDS & DOUBLE										4.500	3.80	4.25	
Hole Opener		4	8.73	DRILL-N-REAM										5.250	3.00	4.25	
Drill Pipe		5	31.64	1 JT. 4-1/2" DELTA 425										4.500	3.80	4.25	
Cross Over		6	3.55	D425 BOX-XT39 PIN										5.310	2.25	4.25	
Filter		7	3.56	FILTER SUB										5.310	2.50	3.90	
Non-Mag Drill Collar		8	29.56	NMDC										5.180	2.75	3.90	
Non-Mag Drill Collar		9	30.72	NMDC										5.180	2.75	3.90	
Universal Bottom Hole Orienter		10	3.62	UBHO										5.000	2.25	3.90	
Integral Blade Stabilizer		11	4.86	6 1/4 STB										5.250	2.25	4.00	
Steerable Motor		12	33.81	DISCOVERY 5" 7/8 8.3 FBH@1.75 TRU SLICK 0.48 RPG										5.000		3.50	
Polycrystalline Diamond Bit		13	1.00	6-3/4" BAKER DD306TWX										6.750		3.50	
BHA HRS 20.50		MTR HRS 20.50															
JAR HRS		MWD Hrs 20.50															
OPERATIONS (00:00)																	
OPERATION COMMENT				CIRCULATE OUT SECOND 1/3 OF ECD PILL @ 9,522'. TIH F/ 9700' - 10,800'. CIRCULATE LAST 1/3 OF ECD PILL 3/4 UP HOLE. TIH F/ 10,800' - 20,045'. RELOG GAMMA F/ 20,045' - 20,075'. FINISH CIRC. B.U. THROUGH CHOKE. DRILL 6-3/4" PROD F/ 20,075' - 20,261'. SERVICE RIG AND TOP DRIVE. DRILL 6-3/4" PROD F/ 20,261' - 20,503' @ MIDNIGHT.													
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS										
00:00	00:30	20,075.00	20,075.00	05	NP	DRLPRO	FILL PIPE, CIRCULATE OUT SECOND 1/3 OF ECD PILL * 175 GPM DUE TO LOSSES @ 1550 PSI - CATCH HEAVY MUD IN TRIP TANKS										
00:30	01:00	20,075.00	20,075.00	06	NP	DRLPRO	TIH F/ 9700' - 10,800' * HOLE DISPLACING LESS THAN CALCULATED DISPLACEMENT * RUN SPEED 175-150 FT/ MIN FOR LOSSES										
01:00	01:30	20,075.00	20,075.00	05	NP	DRLPRO	FILL PIPE, CIRCULATE LAST 1/3 OF ECD PILL 3/4 UP HOLE * 175 GPM DUE TO LOSSES @ 2150 PSI * LOSING 0.6 BBLS / MIN										
01:30	06:30	20,075.00	20,075.00	06	NP	DRLPRO	TIH F/ 10,800' - 20,045' * HOLE NOT DISPLACING CALCULATED DISPLACEMENT * SLOW RUN SPEED TO 125 / DUE TO LOSSES										
06:30	07:00	20,075.00	20,075.00	20	NP	DRLPRO	RELOG GAMMA F/ 20,045' - 20,075'										
07:00	08:00	20,075.00	20,075.00	02	P	DRLPRO	FINISH CIRC. B.U. THROUGH CHOKE * 3350 UNITS GAS, 15' FLARE										

OPERATIONS (00:00)							
OPERATION COMMENT				CIRCULATE OUT SECOND 1/3 OF ECD PILL @ 9,522'. TIH F/ 9700' - 10,800'. CIRCULATE LAST 1/3 OF ECD PILL 3/4 UP HOLE. TIH F/ 10,800' - 20,045'. RELOG GAMMA F/ 20,045' - 20,075'. FINISH CIRC. B.U. THROUGH CHOKE. DRILL 6-3/4" PROD F/ 20,075' - 20,261'. SERVICE RIG AND TOP DRIVE. DRILL 6-3/4" PROD F/ 20,261' - 20,503' @ MIDNIGHT.			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
08:00	16:00	20,075.00	20,261.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 20,075' - 20,261' ( 186' @ 23.5 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 5100, DIFF: 400-700, TQ: 13-16K  * MW IN/OUT 13.0 PPG * LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (8-10' FLARE - 6-8 BBL GAIN)  * LITHOLOGY: 90% Shale, 10% Limestone @ 20,200' MD * GEOSTEERING UPDATE @ 01:54 BY FGS: 20,500' MD - 11,184' TVD - 89.8° - Shifted down 10'  Survey: SD: 20106' INC: 89.68° AZI: 340.76° TVD: 11193.51' VS: 9454.30' N/S: 8953.56' E/W: -3067.46' DLS: 3.79°/100' Temp: 189.7° ROP: 30 FT/HR Gamma Ray: 113 API Up/Down: 11' Below Left/Right: 50' Left
16:00	16:30	20,261.00	20,261.00	07	P	DRLPRO	SERVICE RIG AND TOP DRIVE. DROPS INSPECTION.  * FLOORHAND STUNG ON NECK BY BEE WHILE SERVICING TOP DRIVE. (NO SWELLING OR IRRITATION - NO MEDS-INFO ONLY)
16:30	00:00	20,261.00	20,503.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 20,261' - 20,503' ( 242' @ 32.3 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 5250, DIFF: 400-700, TQ: 13-16K  * MW IN/OUT 13.0 PPG * LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (2' FLARE - 0 BBL GAIN)  * LITHOLOGY: 90% Shale, 10% Limestone @ 20,450' MD * GEOSTEERING UPDATE @ 19:59 BY FGS: 21,000' MD - 11,190' TVD - 89.5°  Survey: SD: 20485' INC: 91.84° AZI: 347.45° TVD: 11172.35' VS: 9832.16' N/S: 9319.64' E/W: -3161.82' DLS: 1.20°/100' Temp: 189.7° ROP: 88 FT/HR Gamma Ray: 106.8 API Up/Down: 11' Above Left/Right: 38' Left





PATTERSON 803  
UL BALDWIN 352623-21 F 6H  
AFE: 200776

DFS: 26.91  
DOL: 58.66

SAFETY MEETING TOPIC:  
STAYING HYDRATED, PROPER LIFTING TECHNIQUES, EQUIPMENT INSPECTIONS, DROPPED OBJECT INSPECTIONS, HAVING A GOOD ATTITUDE

DRILLS / HSE / OBSERVATIONS:  
FIRE DRILL, TRIP DRILL

ACCIDENTS / INCIDENTS LAST 24 HRS:  
FLOORHAND STUNG ON NECK BY BEE WHILE SERVICING TOP DRIVE. (NO SWELLING OR IRRITATION - NO MEDS-INFO ONLY)

REGULATORY:  
NONE

NPT Daily:  
8 HRS - TRIP DUE TO NO MOTOR YIELD WHILE SLIDING

TOTAL NPT FOR WELL:  
72 HRS

24 HR SUMMARY:  
CIRCULATE OUT SECOND 1/3 OF ECD PILL @ 9,522'. TIH F/ 9700' - 10,800'. CIRCULATE LAST 1/3 OF ECD PILL 3/4 UP HOLE. TIH F/ 10,800' - 20,045'. RELOG  
GAMMA F/ 20,045' - 20,075'. FINISH CIRC. B.U. THROUGH CHOKE. DRILL 6-3/4" PROD F/ 20,075' - 20,261'. SERVICE RIG AND TOP DRIVE. DRILL 6-3/4" PROD F/  
20,261' - 20,503' @ MIDNIGHT.

AFTER MIDNIGHT:  
DRILL 6-3/4" LATERAL F/ 20,503' - 20,680'

PLAN FORWARD:  
CONT DRILLING 6-3/4" LATERAL TOWARDS TD @ 21,718' ~

FOOTAGE LAST 24 HOURS: 428'  
AVG ROP: 27.6 FPH

LAST SURVEY:  
SD: 20485'  
INC: 91.84°  
AZI: 347.45°  
TVD: 11172.35'  
VS: 9832.16'  
N/S: 9319.64'  
E/W: -3161.82'  
DLS: 1.20°/100'  
Temp: 189.7°  
ROP: 88 FT/HR  
Gamma Ray: 106.8 API  
Up/Down: 11' Above  
Left/Right: 38' Left

MUD CHECK:  
PPG: 13.0, VIS: 53, YP: 10

LITHOLOGY:  
90% Shale, 10% Limestone @ 20,450' MD

	DAILY USAGE	TOTAL
CITY FRESH	0 BBLS	0 BBLS (CAMP WATER)
CITY FRESH WATER:	0 BBLS	900 BBLS (CEMENT WATER)
BRINE WATER:	0 BBLS	0 BBLS
CUT BRINE:	0 BBLS	0 BBLS
TRASH DISPOSAL:	0 BBLS	90 BBLS
ROLL OFF BOXES:	1 LOAD	17 LOADS
WATER METER:	0 GALS	3842 GALS

FORMATION TOPS:	TVD
CASTILE	2765'
BELL CANYON:	4958'
CHERRY CANYON:	5898'
BRUSHY CANYON	7100'
1ST BONE SPRING LIME	8488'
AVALON LOWER	8672'
1ST BONE SPRING SAND	8944'
2ND BONE SPRING LIME	9497'
2nd BONE SPRING SAND	9529'
3RD BONE SPRING LIME	10319'
3RD BONE SPRING SAND	11030'
PHANTOM WC FIELD TOP	11315'
WOLFCAMP X	
WOLFCAMP Y	
WOLFCAMP A	
LOWER WC A TOP	
LOWER WC A BASE	
Top Target	
Landing Point	11425'
Base Target	

Rig On Day Work: @ 16:00 P.M.  
SPUD: @ 20:30  
RIG KB: 28.5'  
(Surface Rig)  
20" CONDUCTOR SET AT 112'  
TD SURFACE: 639' MD  
13-3/8" SET @ 628' MD  
10.75" CASING SET @ 5005' MD  
7.625" CASING SET @ 10,798' MD  
RIG RELEASE F/ 2ND INT SECTION: 6/25/2020 @ 20:00 HRS  
KOP @ 10,894' MD  
LAND CURVE @ 11,895' MD  
5.5" CASING SET @ ' MD

RIG RELEASED @ , HRS  
COMPANY MAN: ARON DEES - DAYS / STEPHEN ATKINSON - NIGHTS  
DIRECTIONAL: SHANE MITCHELL - DAYS / MATT BROWN - NIGHTS  
MUD ENGINEER: J. SHELTON

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	7.625" INT #2. CASING @ \$26.55 / FT
	0652	8889	CASING (SURF)	B&L PipeCo.	0.00	9.625" SURFACE CASING @ \$26.63 FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	10-3/4" SURFACE CASING @ \$37.20 / FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	13-3/8" SURFACE CASING @ \$29.79 PER FOOT
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5-1/2" PROD. LINER @ \$13.59 / FT
	0650	8790	CONTINGENCY	WPX Energy	5,436.45	8% Contingency cost
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Stryker Energy Directional Services	8,300.00	STRYKER DIRECTIONAL/STANDBY/ 8550 MOBILIZATION MUD PRODUCT + TAX/TRUCKING
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	AES Drilling Fluids	8,378.00	MUD ENGINEER
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	AES Drilling Fluids	895.00	7200 GLS RIG FUEL
	0650	8166	DYED DIESEL	Delta Fuel	10,685.78	CUTTINGS BOXES
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	1,100.00	Camp rental, 6 camps w/ sewer & water, office
	0650	8803	MAN CAMP	Civeo USA, LLC	800.00	Camp rental, 6 camps w/ sewer & water, Superintendent houses split between 6 rigs
	0650	8803	MAN CAMP	Civeo USA, LLC	80.00	MUD LOGGER (\$1885)
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	4-1/2" DP, HWDP, AND HANDLING EQUIP & SUBS, 4-1/2" RAMS
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,751.84	51 JTS 5" HWDP
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Workstring International	0.00	6 FRAC TANKS OBM & PUMP \$270 / DAY, PREMIX \$250 / DAY, VAC \$100 / DAY, SCREEN CLEANER \$35/ DAY, CONTAINMENT \$115 / DAY, 2 DRIVE OVERS \$50, PUMP \$85, PRESSURE WASHER \$55, 6 X 8 TRAN
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	1,350.00	BLAXTONE, RENT 25 VERT. UPRIGHT TANKS \$750, 3 PUMPS, 5 LIGHT TOWERS, 2 OPENTOP TANKS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	1,500.00	EDR - \$700 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	700.00	ROT. HEAD, AND ORBIT VALVE \$225
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	DAILY RENTAL FOR 100\$ / 18" BOP SPOOL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	100.00	BLAXTONE ROLL OFF DUMPSTER RENTAL AND COOLING TRAILER AT \$30/DAY EACH
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	60.00	INLINE MUD SCREEN HOUSING \$200 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	200.00	DAILY RENTAL FOR INTERNET, PHONES, INTERCOM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	REMOTE CHOKES, PANEL, FLARE STACK, 2 SUPER CHOKES \$310 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	Blaxtone front end loader
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	OBM PAY 11 HANDS / \$30 / DAY,
	0650	8760	RIG DAYWORK	Patterson Drilling	330.00	Patterson Rig Day Rate \$20,000 at 833.333/ Hr
	0650	8760	RIG DAYWORK	Patterson Drilling	20,000.02	Patterson Rig Move Rate \$17,000 at 708.333/Hr
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	H2S MONITORING - GUARD SHACK
	0650	8880	SAFETY - SERVICES	Cannon Safety	1,090.00	SOLIDS CONTROL, SERVICE AND RENTAL \$3,325 / DAY EQUIPMENT, WELLSITE SUPERVISOR JEFFERY HARDIE
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,325.00	WELLSITE SUPERVISOR MIKE ROBERTS
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	WELLSITE SUPERVISOR ARON DEES
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Shared Superintendent / Foreman day rate for Keith, Ian, Stan, Mark, Lance, Mike split between 6 rigs
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR STEPHEN ATKINSON
	0650	8917	WELLSITE SUPERVISION	WPX Energy	500.00	
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	
			Daily Total	73,392.09	Daily Mud Cost	9,273.00
			Cumulative Total	3,033,774.22	Cumulative Mud Cost	332,843.66
NPT SUMMARY						
Start date/time		End date/time		Title	Description	Duration (hr)
8/6/2020 9:30:00PM		8/7/2020 8:00:00AM		NO MOTOR YIELD	SEEN 19' OF SLIDE ON SURVEY AND INC DROPPED FROM 89.73° TO 86.09°	10.50

WPX Energy																		
Daily Drilling Report																		
WELL NAME:	UL BALDWIN 352623-21 F 6H		AFE #:	200776		AFE \$:	4,060,000		LANDING PNT	10,798(usf)		REPORT#:	29		DATE:	8/8/2020		
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	68,043		LATERAL SEC:	9,445.00		DFS:	27.91					
EVENT:	DRILLING		LOCATION:			CUM COST \$:	3,101,817		TD (MD):	21,340.0		LITHOLOGY:						
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WINKLER,TEXAS		API: 42-495-34514		TD (TVD):		11,188.0		FORMATION:		WOLFCAMP A				
ENGINEER:	Justin Barmore		ROT HRS:	23.50				SPUD DATE::		6/14/2020		DIESEL (MUD DIESEL):		3,335 / 29,468				
TODAY'S DEPTH:		21,340 (usft )	CUM ROT:	359.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		2,920 / 52,465		
													NAT GAS (DGE):		0.00 / 0.00			
PREV. DEPTH:		20,503 (usft )				RIG::		Patterson 803				SUPERVISOR:		Aron Dees				
PROGRESS:		837 (usft )	WEATHER: 102°-73°, SUNNY									SUPERVISOR PH. #:		575-392-8754				
PRESENT OPERATION:		DRILLING 6-3/4" LATERAL @ 21,550'																
OPERATION FORECAST:		CONT DRILLING 6-3/4" LATERAL TO TD @ 21,605'. PERFORM CLEAN UP CYCLE. STRIP OUT TO 20,075'. STRIP BACK TO BOTTOM. CIRC SWEEP AROUND @ 21,605'. RELAX WELL. SHUT IN & MONITOR PSI. RELAX WELL. SLUG PIPE AND STRIP OUT TO 10,800'. CIRC SLUG OUT OF HOLE.																
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD							
LAST CASING:	7.625(in)	ST WT UP	260.0	PRESS	5,300.00	LOSS TIME (hrs):		71.50		BIT #	12	RPM	140					
DEPTH:	10,798(usft)	ST WT DN	130.0	RATE	290.0	LOSS TIME INC:		13.00		SIZE	6-3/4 (")		HHP	33.08				
LAST BOP:	7/23/2020	ST WT ROT	195.0	DP AV		NEAR MISSES:		0.00		TYPE	DD306TWX		P BIT	195.06				
LOT EMW:		TQ ON BTM	15,500.0	DC AV		24 HR RIG DOWN:		0.00		JETS	3-12, 3-13							
WEIGHT LB/FT:	29.70(ppf)	TQ OFF BTM	7,500.0			CUM RIG DOWN		2.50		DEPTH IN	20,075.0							
CONN:	BTC									DEPTH OUT								
PUMP DATA																		
PUMP #	MANU		LINER	STROKE		PRESSURE		GPM		ROP-last 24 I	35.6							
1	NATIONAL FD-1600		5.000	12				0.0		CUM. FT	1,265.0							
2	BOMCO F-1600		5.000	12		5,300.00		145.3		CUM. HRS	39.00							
3	BOMCO F-1600		5.000	12		5,300.00		145.3		ROP/Cum-ent	32.4							
SURVEY DATA																		
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS		DULL CONDITION									
21,242.00	87.89	345.99	11,184.43	10,052.33	-3,361.06	10,052.33	1.94		I	O	D	L	B	R	G	T		
21,147.00	89.51	345.11	11,182.28	9,960.36	-3,337.37	9,960.36	0.45									-		
21,053.00	89.59	344.69	11,181.54	9,869.61	-3,312.88	9,869.61	0.79											
20,958.00	88.89	344.95	11,180.28	9,777.94	-3,288.01	9,777.94	3.33											
20,863.00	85.75	344.56	11,175.84	9,686.39	-3,263.06	9,686.39	4.09											
MUD DATA																		
Date: 8/9/2020 10:30:00PM			MUD TYPE INVERT		CHECK DEPTH 21,265		FL TEMP 119.00		WATER 14.80 (%)		OIL 59.70 (%)		SAND (%)					
GELS ( 7.0/13.0			Filter Cak 2.0 (32nd")		HTHP 7.2		MW 13.00		VISC 53.00		TEMP 120.00		ECD 14.98					
PV/YP 25.0/10.0			MBT		pH Pm		Pf Mf		Cl-		Total Hard		K+					
Lubricant %			ES 631.0		WPS 287,047		CaCl2		WATER 20.00 (%)		OIL 80.00 (%)		HGS 17.50 (%)					
LGS 6.50 (%)			SOLIDS 24.00 (%)		H2S 0 (ppm )		6/3 6.00 / 5.00											
COMMENTS																		
MUD GAS DATA																		
CONNECTION MAX				2,069.00		TRIP MAX				0.00		BACKGROUND MAX					1,392.00	
CURRENT BHA																		
DESCRIPTION		NUMBER	LENGTH	DRILL ROT		DRILL SLIDE		P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE				
		12	13,731.45	837.00				260.00	130.00	195.0	15,500.0							
Heavy Weight Drill Pipe		0	1,395.47	15 STDS HWD P								4.500	2.75	4.25				
Drill Pipe		1	9,391.43	4-1/2" DELTA 425 - 99 STDS								4.500	3.88	4.25				
Aggitator		2	22.43	NOV AGITATOR 1.45 PLATE SIZE								5.250	3.00	4.25				
Drill Pipe		3	2,771.07	4-1/2" DELTA 425 29 STDS & DOUBLE								4.500	3.80	4.25				
Hole Opener		4	8.73	DRILL-N-REAM								5.250	3.00	4.25				
Drill Pipe		5	31.64	1 JT. 4-1/2" DELTA 425								4.500	3.80	4.25				
Cross Over		6	3.55	D425 BOX-XT39 PIN								5.310	2.25	4.25				
Filter		7	3.56	FILTER SUB								5.310	2.50	3.90				
Non-Mag Drill Collar		8	29.56	NMDC								5.180	2.75	3.90				
Non-Mag Drill Collar		9	30.72	NMDC								5.180	2.75	3.90				
Universal Bottom Hole Orienter		10	3.62	UBHO								5.000	2.25	3.90				
Integral Blade Stabilizer		11	4.86	6 1/4 STB								5.250	2.25	4.00				
Steerable Motor		12	33.81	DISCOVERY 5" 7/8 8.3 FBH@1.75 TRU SLICK 0.48 RPG								5.000		3.50				
Polycrystalline Diamond Bit		13	1.00	6-3/4" BAKER DD306TWX								6.750		3.50				
BHA HRS		44.50	MTR HRS		44.50													
JAR HRS			MWD Hrs		44.50													
OPERATIONS (00:00)																		
OPERATION COMMENT			DRILL 6-3/4" LATERAL F/ 20,503' - 21,212'. SERVICE RIG AND TOP DRIVE. DRILL 6-3/4" LATERAL F/ 21,212' - 21,340'.															
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS											

OPERATIONS (00:00)							
OPERATION COMMENT				DRILL 6-3/4" LATERAL F/ 20,503' - 21,212'. SERVICE RIG AND TOP DRIVE. DRILL 6-3/4" LATERAL F/ 21,212' - 21,340'.			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	06:00	20,503.00	20,681.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 20,503' - 20,681 ( 178' @ 29.6 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 5250, DIFF: 400-700, TQ: 13-16K  * MW IN/OUT 13.0 PPG * LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (2' FLARE - 0 BBL GAIN)  * LITHOLOGY: 90% Shale, 10% Limestone @ 20,450' MD * GEOSTEERING UPDATE @ 19:59 BY FGS: 21,000' MD - 11,190' TVD - 89.5°  Survey: SD: 20579' INC: 90.71° AZI: 346.27° TVD: 11170.26' VS: 9926.00' N/S: 9411.15' E/W: -3183.18' DLS: 1.74"/100' Temp: 189.7° ROP: 81 FT/HR Gamma Ray: 116.6 API Up/Down: 16' Above Left/Right: 33' Left
06:00	20:30	20,681.00	21,212.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 20,681' - 21,212' ( 531' @ 36.6 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 5250, DIFF: 400-700, TQ: 13-16K  * MW IN/OUT 13.0 PPG * LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (NO FLARE - 0 BBL GAIN)  * LITHOLOGY: 75% Shale, 25% Limestone @ 21,150' MD * GEOSTEERING UPDATE @ 11:20 BY FGS: 21,000' MD - 11,190' TVD - 89.5°  Survey: SD: 21147' INC: 89.51° AZI: 345.11° TVD: 11182.35' VS: 10493.66' N/S: 9958.40' E/W: -3334.25' DLS: 0.45"/100' Temp: 189.7° ROP: 100 FT/HR Gamma Ray: 93.9 API Up/Down: 9' Above Left/Right: 25' Left
20:30	21:00	21,212.00	21,212.00	07	P	DRLPRO	SERVICE RIG AND TOP DRIVE.
21:00	00:00	21,212.00	21,340.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 21,212' - 21,340' ( 128' @ 42.6 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 5300, DIFF: 400-700, TQ: 13-16K  * MW IN/OUT 13.0 PPG * LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (NO FLARE - 0 BBL GAIN)  * LITHOLOGY: 80% Shale, 20% Limestone @ 21,300' MD * GEOSTEERING UPDATE @ 21:18 BY FGS: 21,600' MD - 11,198' TVD - 89.3°  Survey: SD: 21242' INC: 87.89° AZI: 345.99° TVD: 11184.51' VS: 10588.58' N/S: 10050.37' E/W: -3357.95' DLS: 1.94"/100' Temp: 197° ROP: 65 FT/HR Gamma Ray: 116.6 API Up/Down: 8' Above Left/Right: 22' Left



PATTERSON 803  
UL BALDWIN 352623-21 F 6H  
AFE: 200776

DFS: 27.91  
DOL: 59.66

SAFETY MEETING TOPIC:  
HEAT AWARENESS, PROPER HYDRATION, SLIPS, TRIPS AND FALLS, PAYING ATTENTION TO EQUIPMENT AND CABLES MOVING OVERHEAD,  
ACCIDENT-INCIDENT-SPILLS-EQUIPMENT DAMAGE REPORTING

DRILLS / HSE / OBSERVATIONS:  
FIRE DRILLS

ACCIDENTS / INCIDENTS LAST 24 HRS:  
NONE

REGULATORY:  
NONE

NPT Daily:  
0 HRS

TOTAL NPT FOR WELL:  
72 HRS

24 HR SUMMARY:  
DRILL 6-3/4" LATERAL F/ 20,503' - 21,212'. SERVICE RIG AND TOP DRIVE. DRILL 6-3/4" LATERAL F/ 21,212' - 21,340'.

AFTER MIDNIGHT:  
DRILL 6-3/4" LATERAL F/ 21,340' - 21,550'.

PLAN FORWARD:  
CONT DRILLING 6-3/4" LATERAL TO TD @ 21,605'. PERFORM CLEAN UP CYCLE. STRIP OUT TO 20,075'. STRIP BACK TO BOTTOM. CIRC SWEEP AROUND @ 21,605'. RELAX WELL. SHUT IN & MONITOR PSI. RELAX WELL. SLUG PIPE AND STRIP OUT TO 10,800'. CIRC SLUG OUT OF HOLE.

FOOTAGE LAST 24 HOURS: 837'  
AVG ROP: 35.6 FPH

LAST SURVEY:  
SD: 21242'  
INC: 87.89°  
AZI: 345.99°  
TVD: 11184.51'  
VS: 10588.58'  
N/S: 10050.37'  
E/W: -3357.95'  
DLS: 1.94°/100'  
Temp: 197°  
ROP: 65 FT/HR  
Gamma Ray: 116.6 API  
Up/Down: 8' Above  
Left/Right: 22' Left

MUD CHECK:  
PPG: 13.0, VIS: 53, YP: 10

LITHOLOGY:  
80% Shale, 20% Limestone @ 21,300' MD

	DAILY USAGE	TOTAL
CITY FRESH	0 BBLS	0 BBLS (CAMP WATER)
CITY FRESH WATER:	0 BBLS	900 BBLS (CEMENT WATER)
BRINE WATER:	0 BBLS	0 BBLS
CUT BRINE:	0 BBLS	0 BBLS
TRASH DISPOSAL:	0 BBLS	90 BBLS
ROLL OFF BOXES:	1 LOAD	18 LOADS
WATER METER:	0 GALS	3842 GALS

FORMATION TOPS:	TVD
CASTILE	2765'
BELL CANYON:	4958'
CHERRY CANYON:	5898'
BRUSHY CANYON	7100'
1ST BONE SPRING LIME	8488'
AVALON LOWER	8672'
1ST BONE SPRING SAND	8944'
2ND BONE SPRING LIME	9497'
2nd BONE SPRING SAND	9529'
3RD BONE SPRING LIME	10319'
3RD BONE SPRING SAND	11030'
PHANTOM WC FIELD TOP	11315'
WOLFCAMP X	
WOLFCAMP Y	
WOLFCAMP A	
LOWER WC A TOP	
LOWER WC A BASE	
Top Target	
Landing Point	11425'
Base Target	

Rig On Day Work: @ 16:00 P.M.  
SPUD: @ 20:30  
RIG KB: 28.5'  
(Surface Rig)  
20" CONDUCTOR SET AT 112'  
TD SURFACE: 639' MD  
13-3/8" SET @ 628' MD  
10.75" CASING SET @ 5005' MD  
7.625" CASING SET @ 10,798' MD  
RIG RELEASE F/ 2ND INT SECTION: 6/25/2020 @ 20:00 HRS  
KOP @ 10,894' MD  
LAND CURVE @ 11,895' MD  
5.5" CASING SET @ ' MD  
RIG RELEASED @ , HRS

COMPANY MAN: ARON DEES - DAYS / STEPHEN ATKINSON - NIGHTS  
DIRECTIONAL: SHANE MITCHELL - DAYS / MATT BROWN - NIGHTS  
MUD ENGINEER: J. SHELTON

DAILY COST

Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	7.625" INT #2. CASING @ \$26.55 / FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	13-3/8" SURFACE CASING @ \$29.79 PER FOOT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	10-3/4" SURFACE CASING @ \$37.20 / FT
	0652	8889	CASING (SURF)	B&L PipeCo.	0.00	9.625" SURFACE CASING @ \$26.63 FT
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5-1/2" PROD. LINER @ \$13.59 / FT
	0650	8790	CONTINGENCY	WPX Energy	5,040.23	8% Contingency cost
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Stryker Energy Directional Services	8,300.00	STRYKER DIRECTIONAL/STANDBY/ 8550 MOBILIZATION
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	AES Drilling Fluids	14,111.00	MUD PRODUCT + TAX/TRUCKING
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	AES Drilling Fluids	895.00	MUD ENGINEER
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	1,100.00	CUTTINGS BOXES
	0650	8803	MAN CAMP	Civeo USA, LLC	800.00	Camp rental, 6 camps w/ sewer & water, office
	0650	8803	MAN CAMP	Civeo USA, LLC	80.00	Camp rental, 6 camps w/ sewer & water, Superintendent houses split between 6 rigs
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	MUD LOGGER (\$1885)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Workstring International	0.00	51 JTS 5" HWDP
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,751.84	4-1/2" DP, HWDP, AND HANDLING EQUIP & SUBS, 4-1/2" RAMS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	100.00	DAILY RENTAL FOR 100\$ / 18" BOP SPOOL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	ROT. HEAD, AND ORBIT VALVE \$225
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	1,350.00	6 FRAC TANKS OBM & PUMP \$270 / DAY, PREMIX \$250 / DAY, VAC \$100 / DAY, SCREEN CLEANER \$35/ DAY, CONTAINMENT \$115 / DAY, 2 DRIVE OVERS \$50, PUMP \$85, PRESSURE WASHER \$55, 6 X 8 TRAN
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	200.00	INLINE MUD SCREEN HOUSING \$200 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	Blaxtone front end loader
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	1,500.00	BLAXTONE, RENT 25 VERT. UPRIGHT TANKS \$750, 3 PUMPS, 5 LIGHT TOWERS, 2 OPENTOP TANKS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	DAILY RENTAL FOR INTERNET, PHONES, INTERCOM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	60.00	BLAXTONE ROLL OFF DUMPSTER RENTAL AND COOLING TRAILER AT \$30/DAY EACH
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	REMOTE CHOKES, PANEL, FLARE STACK, 2 SUPER CHOKES \$310 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	700.00	EDR - \$700 / DAY
	0650	8760	RIG DAYWORK	Patterson Drilling	20,000.02	Patterson Rig Day Rate \$20,000 at 833.333/ Hr
	0650	8760	RIG DAYWORK	Patterson Drilling	330.00	OBM PAY 11 HANDS / \$30 / DAY,
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	Patterson Rig Move Rate \$17,000 at 708.333/Hr
	0650	8880	SAFETY - SERVICES	Cannon Safety	1,090.00	H2S MONITORING - GUARD SHACK
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,325.00	SOLIDS CONTROL, SERVICE AND RENTAL \$3,325 / DAY EQUIPMENT,
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR STEPHEN ATKINSON
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	WELLSITE SUPERVISOR MIKE ROBERTS
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR ARON DEES
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	WELLSITE SUPERVISOR JEFFERY HARDIE
	0650	8917	WELLSITE SUPERVISION	WPX Energy	500.00	Shared Superintendent / Foreman day rate for Keith, Ian, Stan, Mark, Lance, Mike split between 6 rigs
			Daily Total	68,043.08	Daily Mud Cost	15,006.00
			Cumulative Total	3,101,817.30	Cumulative Mud Cost	347,849.66

WPX Energy																
Daily Drilling Report																
WELL NAME:	UL BALDWIN 352623-21 F 6H		AFE #:	200776		AFE \$:	4,060,000		LANDING PNT	10,798(usf)		REPORT#:	30	DATE:	8/9/2020	
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	70,094		LATERAL SEC:	9,710.00		DFS:	28.91			
EVENT:	DRILLING		LOCATION:			CUM COST \$:	3,171,912		TD (MD):	21,605.0		LITHOLOGY:				
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WINKLER,TEXAS		API: 42-495-34514		TD (TVD):	11,215.4		FORMATION:		WOLFCAMP A			
ENGINEER:	Justin Barmore		ROT HRS:	8.00					SPUD DATE::	6/14/2020		DIESEL (MUD DIESEL):		2,188 / 31,656		
TODAY'S DEPTH:		21,605 (usft )	CUM ROT:	367.50		+/- PLAN:				RR DATE :			DIESEL (RIG FUEL):		2,019 / 54,484	
													NAT GAS (DGE):		0.00 / 0.00	
PREV. DEPTH:		21,340 (usft )				RIG::		Patterson 803			SUPERVISOR:		Aron Dees			
PROGRESS:		265 (usft )	WEATHER: 102°/75°, SUNNY									SUPERVISOR PH. #:		575-392-8754		
PRESENT OPERATION:		TOH @ 5,240' TO RUN 5-1/2" PRODUCTION LINER														
OPERATION FORECAST:		CONT TO STRIP OUT OF HOLE F/ 11,600' - 10,800' HOLDING 300 PSI ON ANNULUS PUMPING CALCULATED FILL. CIRC OUT SLUG. MONITOR SHUT IN PSI. SPOT ECD PILL. TOH AND L/D BHA. RUN 5-1/2" LINER TO 10,979'. P/U LINER HANGER. RIH WITH LINER ON DP TO 21,605'														
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:			BIT RECORD							
LAST CASING:	7.625(in)	ST WT UP	260.0	PRESS	5,300.00	LOSS TIME (hrs):		71.50	BIT #	12	RPM	139				
DEPTH:	10,798(usft)	ST WT DN	160.0	RATE	290.0	LOSS TIME INC:		13.00	SIZE	6-3/4 (")	HHP	32.84				
LAST BOP:	7/23/2020	ST WT ROT	188.0	DP AV		NEAR MISSES:		0.00	TYPE	DD306TWX	P BIT	194.12				
LOT EMW:		TQ ON BTM	15,800.0	DC AV		24 HR RIG DOWN:		0.00	JETS	3-12, 3-13						
WEIGHT LB/FT:	29.70(ppf)	TQ OFF BTM	7,200.0			CUM RIG DOWN		2.50	DEPTH IN	20,075.0						
CONN:	BTC								DEPTH OUT	21,605						
PUMP DATA									ROP-last 24 I							
PUMP #	MANU		LINER	STROKE	PRESSURE		GPM		CUM. FT	1,530.0						
1	NATIONAL FD-1600		5.000	12			0.0		CUM. HRS	47.00						
2	BOMCO F-1600		5.000	12	5,406.00		157.0		ROP/Cum-ent	32.6						
3	BOMCO F-1600		5.000	12	5,406.00		157.0		WOB	25.0-26.0						
SURVEY DATA									DULL CONDITION							
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS		I	O	D	L	B	R	G	T
21,605.00	82.63	344.96	11,215.35	10,403.35	-3,446.67	10,403.35	0.00									-
21,543.00	82.63	344.96	11,207.40	10,343.97	-3,430.71	10,343.97	1.26									
21,525.00	82.77	345.14	11,205.11	10,326.72	-3,426.11	10,326.72	1.56									
21,430.00	83.53	346.42	11,193.78	10,235.29	-3,402.94	10,235.29	5.64									
21,336.00	88.59	348.01	11,187.32	10,143.87	-3,382.20	10,143.87	2.27									
MUD DATA																
Date: 8/10/2020 10:30:00PM		MUD TYPE INVERT		CHECK DEPTH 21,265		FL TEMP 119.00		WATER 14.80 (%)	OIL 59.70 (%)	SAND (%)						
GELS ( 6.0/14.0		Filter Cak 2.0 (32nd")		HTHP 7.2		MW 13.00		VISC 57.00	TEMP 104.00	ECD 13.00						
PV/YP 22.0/10.0		MBT		pH	Pm	Pf	Mf	Cl-	Total Hard	K+						
Lubricant %		ES 578.0		WPS 292,392	CaCl2		WATER 20.00 (%)	OIL 80.00 (%)	HGS 17.40 (%)							
LGS 6.50 (%)		SOLIDS 23.90 (%)		H2S 0 (ppm )	6/3 6.00 / 5.00											
COMMENTS																
MUD GAS DATA																
CONNECTION MAX			2,156.00		TRIP MAX			0.00		BACKGROUND MAX			1,260.00			
CURRENT BHA																
DESCRIPTION		NUMBER	LENGTH	DRILL ROT	DRILL SLIDE	P/U	S/O	ROT	TORQUE	OD	ID	TOP CON SIZE				
		12	13,731.45	265.00		260.00	160.00	188.0	15,800.0							
Heavy Weight Drill Pipe		0	1,395.47	15 STDS HWDWP							4.500	2.75	4.25			
Drill Pipe		1	9,391.43	4-1/2" DELTA 425 - 99 STDS							4.500	3.88	4.25			
Aggitator		2	22.43	NOV AGITATOR 1.45 PLATE SIZE							5.250	3.00	4.25			
Drill Pipe		3	2,771.07	4-1/2" DELTA 425 29 STDS & DOUBLE							4.500	3.80	4.25			
Hole Opener		4	8.73	DRILL-N-REAM							5.250	3.00	4.25			
Drill Pipe		5	31.64	1 JT. 4-1/2" DELTA 425							4.500	3.80	4.25			
Cross Over		6	3.55	D425 BOX-XT39 PIN							5.310	2.25	4.25			
Filter		7	3.56	FILTER SUB							5.310	2.50	3.90			
Non-Mag Drill Collar		8	29.56	NMDC							5.180	2.75	3.90			
Non-Mag Drill Collar		9	30.72	NMDC							5.180	2.75	3.90			
Universal Bottom Hole Orienter		10	3.62	UBHO							5.000	2.25	3.90			
Integral Blade Stabilizer		11	4.86	6 1/4 STB							5.250	2.25	4.00			
Steerable Motor		12	33.81	DISCOVERY 5" 7/8 8.3 FBH@1.75 TRU SLICK 0.48 RPG							5.000		3.50			
Polycrystalline Diamond Bit		13	1.00	6-3/4" BAKER DD306TWX							6.750		3.50			
BHA HRS 61.00		MTR HRS 61.00														
JAR HRS		MWD Hrs 61.00														
OPERATIONS (00:00)																
OPERATION COMMENT			CONT DRILLING 6-3/4" LATERAL TO TD @ 21,605'. PERFORM CLEAN UP CYCLE. RELAX WELL. SHUT IN & MONITOR PSI FOR 10 MIN = 351 PSI. RELAX WELL = 42.86 BBLs/HR AFTER 20 MIN. SHUT IN & MONITOR PSI FOR 10 MIN = 320 PSI. SLUG PIPE AND STRIP OUT OF HOLE FOR WIPER TRIP FROM LAST TRIP POINT F/ 21,605' - 20,070'. TIH - 20,070' - 21,605'. CIRCULATE SURFACE T/ SURFACE STROKES @ 21,577' TO REMOVE SLUG FROM WELLBORE. PUMP 45 BBL SLUG 3# OVER. STRIP OUT OF HOLE F/ 21,577' - 11,600' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL.													
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS									



OPERATIONS (00:00)							
OPERATION COMMENT		CONT DRILLING 6-3/4" LATERAL TO TD @ 21,605'. PERFORM CLEAN UP CYCLE. RELAX WELL. SHUT IN & MONITOR PSI FOR 10 MIN = 351 PSI. RELAX WELL = 42.86 BBLS/HR AFTER 20 MIN. SHUT IN & MONITOR PSI FOR 10 MIN = 320 PSI. SLUG PIPE AND STRIP OUT OF HOLE FOR WIPER TRIP FROM LAST TRIP POINT F/ 21,605' - 20,070'. TIH - 20,070' - 21,605'. CIRCULATE SURFACE T/ SURFACE STROKES @ 21,577' TO REMOVE SLUG FROM WELLBORE. PUMP 45 BBL SLUG 3# OVER. STRIP OUT OF HOLE F/ 21,577' - 11,600' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL.					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
00:00	08:00	21,340.00	21,605.00	02	P	DRLPRO	DRILL 6-3/4" PROD F/ 21,340' - 21,605' -- T.D. -- ( 265' @ 33.1 FPH) GPM: 290, WOB: 22-24K, RPM: 50, PSI: 5300, DIFF: 400-700, TQ: 13-16K  * MW IN/OUT 13.0 PPG * NO LOSSES OBSERVED @ 290 GPM * DRILL THROUGH GAS BUSTER AND DOWN FLOWLINE  * 0 PSI HOLDING ON CONNECTIONS (NO FLARE - 0 BBL GAIN) * LITHOLOGY: 65% Shale, 35% Limestone @ 21,550' MD * GEOSTEERING UPDATE @ 21:18 BY FGS: 21,600' MD - 11,198' TVD - 89.3°  FINAL Survey:     PTB: SD: 21543'             Bit: 21605 INC: 82.63°             INC: 82.63° AZI: 344.96°             AZI: 344.96° TVD: 11207.47' VS: 10888.06' N/S: 10342.01' E/W: -3427.60' DLS: 1.26"/100' Temp: 197° ROP: 80 FT/HR Gamma Ray: 90 API Up/Down: 10' Below Left/Right: 7' Left
08:00	14:00	21,605.00	21,605.00	05	P	F_PRO	PERFORM CLEAN UP CYCLE @ 21,605' CIRCULATE (3) 20 BBLS WEIGHTED SWEEPS. STARTED PUMPING @ 315 GPM, 80 RPM DOWN, 0 RPM WHILE HOISTING * FIRST SWEEP RETURNED WITH 15% INCREASE IN FINE CUTTINGS. * SWEEP CALCULATED 8% WASHOUT * LAY DOWN SINGLE TO WORK FULL STAND * SECOND SWEEP RETURNED WITH 5% INCREASE IN FINE CUTTINGS. * THIRD SWEEP RETURNED WITH 5% INCREASE IN FINE CUTTINGS. * PUMPED TOTAL 3 SURFACE TO SURFACE CIRCULATIONS. * LAY DOWN SINGLE AFTER 1ST SWEEP OUT OF HOLE  INCREASED RECIPROCACTION SPEED AND LOWERED CIRCULATION RATE TO 290 GPM TO PREVENT LOSSES * CIRCULATE ADDITIONAL BOTTOMS UP. * AT BEGINNING OF CLEAN UP CYCLE PARAMETERS: PUMP PRESSURE 4620 PSI @ GPM P/U WT 260K, S/L WT 160K (ROT), ROT WT 188K, TORQUE 9200 FT/LBS OFF BOTTOM. * AFTER CLEAN UP CYCLE: PUMP PRESSURE DROPPED TO 5,500 PSI P/U WT 245K, S/L WT 165K, ROT WT 204K, TORQUE 7000 OFF BOTTOM  * LAST 20 MIN OF C.U.C. * BACK STROKES DOWN 25 STKS / 5 MIN TO LET WELL RELAX
14:00	15:00	21,605.00	21,605.00	22	P	F_PRO	SHUT IN AND CHECK SICP 1 MIN - 146 PSI 2 MIN - 220 PSI 3 MIN - 243 PSI 4 MIN - 280 PSI 5 MIN - 295 PSI 6 MIN - 314 PSI 7 MIN - 327 PSI 8 MIN - 336 PSI 9 MIN - 340 PSI 10 MIN - 351 PSI  SHUT OFF PUMPS AND MONITOR FLOW AT TRIP TANK FOR 20 MINUTES 2 MIN - 0.23 SEC / QRT - 93 BBLS / HR 4 MIN - 0.35 SEC / QRT - 61.2 BBLS / HR 6 MIN - 0.40 SEC / QRT - 53.5 BBLS / HR 8 MIN - 0.38 SEC / QRT - 56.4 BBLS / HR 10 MIN -0.45 SEC / QRT - 47.6 BBLS / HR 12 MIN - 0.37 SEC / QRT - 57.9 BBLS / HR 14 MIN - 0.38 SEC / QRT - 56.4 BBLS / HR 16 MIN - 0.43 SEC / QRT - 49.8 BBLS / HR 18 MIN - 0.40 SEC / QRT - 53.5 BBLS / HR 19 MIN - 0.39 SEC / QRT - 53.5 BBLS / HR 20 MIN - 0.50 SEC / QRT - 42.86 BBLS / HR  SHUT IN AND CHECK SICP 1 MIN - 126 PSI 2 MIN - 180 PSI 3 MIN - 215 PSI 4 MIN - 239 PSI 5 MIN - 260 PSI 6 MIN - 277 PSI 7 MIN - 290 PSI 8 MIN - 302 PSI 9 MIN - 311 PSI 10 MIN - 320 PSI
15:00	16:00	21,605.00	21,605.00	06	P	F_PRO	PUMP 40 BBLS - 2 PPG OVER SLUG AND STRIP OUT OF HOLE FOR WIPER TRIP FROM LAST TRIP POINT F/ 21,605' - 20,070' * FORCEFILL DOWN BACKSIDE WITH KILL LINE * HOLDING 300 PSI ON BACKSIDE * 3.2 BBLS CALCULATED PER 5 STANDS ( 0.64 BBLS / STAND ) * NO DRAG ENCOUNTERED * PULL SPEED 100-125 FT/ MIN
16:00	17:00	21,605.00	21,605.00	06	P	F_PRO	TIH - 20,070' - 21,605 * NO TIGHT HOLE ENCOUNTERED * DUE TO OVER DISPLAC. -- HOLD 100 PSI AND STRIP IN HOLE 16 STANDS TO BTM * TRIP SPEED 100 FT/ MIN

OPERATIONS (00:00)							
OPERATION COMMENT				CONT DRILLING 6-3/4" LATERAL TO TD @ 21,605'. PERFORM CLEAN UP CYCLE. RELAX WELL. SHUT IN & MONITOR PSI FOR 10 MIN = 351 PSI. RELAX WELL = 42.86 BBLS/HR AFTER 20 MIN. SHUT IN & MONITOR PSI FOR 10 MIN = 320 PSI. SLUG PIPE AND STRIP OUT OF HOLE FOR WIPER TRIP FROM LAST TRIP POINT F/ 21,605' - 20,070'. TIH - 20,070' - 21,605'. CIRCULATE SURFACE T/ SURFACE STROKES @ 21,577' TO REMOVE SLUG FROM WELLBORE. PUMP 45 BBL SLUG 3# OVER. STRIP OUT OF HOLE F/ 21,577' - 11,600' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL.			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
17:00	19:30	21,605.00	21,605.00	05	P	F_PRO	CIRCULATE SURFACE T/ SURFACE STROKES @ 21577' TO REMOVE SLUG FROM WELLBORE * 12100 STROKES * START @ 290 GPM, LOST 8 BBLS / SLOWED DOWN T/ 275 GPM * CONTINUOUS RECIPROCATATE DRILL PIPE WHILE CIRC. * B.U. GAS 3700 U., 20' FLARE, 9 BBL GAIN, GAS CUT 12.5 THROUGH GAS BUSTER * PUMP 45 BBL SLUG 3# OVER
19:30	00:00	21,605.00	21,605.00	06	P	F_PRO	STRIP OUT OF HOLE F/ 21,577' - 11,600' * PUMPING CALCULATED FILL ON BACKSIDE EVERY STAND * 9 STKS PER STAND, 0.62 BBL / STAND * HOLDING 300 PSI BACK PRESSURE * PULL SPEED 100-135 FT/ MIN * HOLE SLICK, NO OVERPULL THROUGH OUT O.H.



PATTERSON 803  
UL BALDWIN 352623-21 F 6H  
AFE: 200776

DFS: 28.91  
DOL: 60.66

SAFETY MEETING TOPIC:  
HEAT AWARENESS, PROPER HYDRATION, SLIPS, TRIPS AND FALLS, TRIPPING PIPE, PINCH POINTS AROUND ST-80, BREAKING CONNECTIONS WITH RIG TONGS

DRILLS / HSE / OBSERVATIONS:  
RTM USING DIESEL PSI WASHER TO WASH CUTTINGS SAMPLE WHILE HOLDING SAMPLE IN ONE HAND. EXPLAINED THE DANGERS OF HIS ACTIONS AND HE COMPLIED.

ACCIDENTS / INCIDENTS LAST 24 HRS:  
NONE

REGULATORY:  
NONE

NPT Daily:  
0 HRS

TOTAL NPT FOR WELL:  
72 HRS

24 HR SUMMARY:  
CONT DRILLING 6-3/4" LATERAL TO TD @ 21,605'. PERFORM CLEAN UP CYCLE. RELAX WELL. SHUT IN & MONITOR PSI FOR 10 MIN = 351 PSI. RELAX WELL = 42.86 BBLs/HR AFTER 20 MIN. SHUT IN & MONITOR PSI FOR 10 MIN = 320 PSI. SLUG PIPE AND STRIP OUT OF HOLE FOR WIPER TRIP FROM LAST TRIP POINT F/ 21,605' - 20,070'. TIH - 20,070' - 21,605'. CIRCULATE SURFACE T/ SURFACE STROKES @ 21,577' TO REMOVE SLUG FROM WELLBORE. PUMP 45 BBL SLUG 3# OVER. STRIP OUT OF HOLE F/ 21,577' - 11,600' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL.

AFTER MIDNIGHT:  
STRIP OUT OF HOLE F/ 11,600' - 10,800' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL.CIRC SLUG OUT OF HOLE. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 242 PSI. LET WELL RELAX FOR 20 MIN. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 188 PSI. SPOT 138 BBL 500 PSI ECD PILL @ 10,800'. PUMP SLUG AND DROP RABBIT. TOH F/ 10,800' T/ 5,240' FILLING HOLE WITH TRIP TANK.

PLAN FORWARD:  
CONT TO STRIP OUT OF HOLE F/ 11,600' - 10,800' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL. CIRC OUT SLUG. MONITOR SHUT IN PSI. SPOT ECD PILL. TOH AND L/D BHA. RUN 5-1/2" LINER TO 10,979'. P/U LINER HANGER. RIH WITH LINER ON DP TO 21,605'.

FOOTAGE LAST 24 HOURS: 265'  
AVG ROP: 33.1 FPH

LAST SURVEY:  
Survey: PTB:  
SD: 21543' Bit: 21605  
INC: 82.63° INC: 82.63°  
AZI: 344.96° AZI: 344.96°  
TVD: 11207.47'  
VS: 10888.06'  
N/S: 10342.01'  
E/W: -3427.60'  
DLS: 1.26°/100'  
Temp: 197°  
ROP: 80 FT/HR  
Gamma Ray: 90 API  
Up/Down: 10' Below  
Left/Right: 7" Left

MUD CHECK:  
PPG: 13.0, VIS: 57, YP: 10

LITHOLOGY:  
70% Shale, 30% Limestone @ 21,600' MD

	DAILY USAGE	TOTAL
CITY FRESH	0 BBLS	0 BBLS (CAMP WATER)
CITY FRESH WATER:	0 BBLS	900 BBLS (CEMENT WATER)
BRINE WATER:	0 BBLS	0 BBLS
CUT BRINE:	0 BBLS	0 BBLS
TRASH DISPOSAL:	0 BBLS	90 BBLS
ROLL OFF BOXES:	1 LOAD	19 LOADS
WATER METER:	0 GALS	3842 GALS

FORMATION TOPS:	TVD
CASTILE	2765'
BELL CANYON:	4958'
CHERRY CANYON:	5898'
BRUSHY CANYON	7100'
1ST BONE SPRING LIME	8488'
AVALON LOWER	8672'
1ST BONE SPRING SAND	8944'
2ND BONE SPRING LIME	9497'
2nd BONE SPRING SAND	9529'
3RD BONE SPRING LIME	10319'
3RD BONE SPRING SAND	11030'
PHANTOM WC FIELD TOP	11315'
WOLFCAMP X	
WOLFCAMP Y	
WOLFCAMP A	
LOWER WC A TOP	
LOWER WC A BASE	
Top Target	
Landing Point	11425'
Base Target	

Rig On Day Work: @ 16:00 P.M.  
SPUD: @ 20:30  
RIG KB: 28.5'  
(Surface Rig)  
20" CONDUCTOR SET AT 112'  
TD SURFACE: 639' MD

13-3/8" SET @ 628' MD  
10.75" CASING SET @ 5005' MD  
7.625" CASING SET @ 10,798' MD  
RIG RELEASE F/ 2ND INT SECTION: 6/25/2020 @ 20:00 HRS  
KOP @ 10,894' MD  
LAND CURVE @ 11,895' MD  
TD LATERAL @ 21,605' MD  
5.5" CASING SET @ ' MD  
RIG RELEASED @ , HRS  
COMPANY MAN: ARON DEES - DAYS / STEPHEN ATKINSON - NIGHTS  
DIRECTIONAL: SHANE MITCHELL - DAYS / MATT BROWN - NIGHTS  
MUD ENGINEER: J. SHELTON

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	7.625" INT #2. CASING @ \$26.55 / FT
	0652	8889	CASING (SURF)	B&L PipeCo.	0.00	9.625" SURFACE CASING @ \$26.63 FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	13-3/8" SURFACE CASING @ \$29.79 PER FOOT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	10-3/4" SURFACE CASING @ \$37.20 / FT
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5-1/2" PROD. LINER @ \$13.59 / FT
	0650	8790	CONTINGENCY	WPX Energy	5,192.17	8% Contingency cost
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Stryker Energy Directional Services	8,300.00	STRYKER DIRECTIONAL/STANDBY/ 8550 MOBILIZATION MUD PRODUCT + TAX/TRUCKING
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	AES Drilling Fluids	4,627.55	
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	AES Drilling Fluids	895.00	MUD ENGINEER
	0650	8166	DYED DIESEL	Delta Fuel	5,342.86	3600 GAL RIG FUEL
	0650	8167	DYED DIESEL-MUD TANKS	Delta Fuel	5,339.89	3598 GAL MUD DIESEL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	1,100.00	CUTTINGS BOXES
	0650	8803	MAN CAMP	Civeo USA, LLC	800.00	Camp rental, 6 camps w/ sewer & water, office
	0650	8803	MAN CAMP	Civeo USA, LLC	80.00	Camp rental, 6 camps w/ sewer & water, Superintendent houses split between 6 rigs
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	MUD LOGGER (\$1885)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Workstring International	0.00	51 JTS 5" HWDP
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,751.84	4-1/2" DP, HWDP, AND HANDLING EQUIP & SUBS, 4-1/2" RAMS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	DAILY RENTAL FOR INTERNET, PHONES, INTERCOM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	Blaxtone front end loader
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	700.00	EDR - \$700 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	ROT. HEAD, AND ORBIT VALVE \$225
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	200.00	INLINE MUD SCREEN HOUSING \$200 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	100.00	DAILY RENTAL FOR 100\$ / 18" BOP SPOOL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	REMOTE CHOKES, PANEL, FLARE STACK, 2 SUPER CHOKES \$310 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	1,500.00	BLAXTONE, RENT 25 VERT. UPRIGHT TANKS \$750, 3 PUMPS, 5 LIGHT TOWERS, 2 OPENTOP TANKS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	1,350.00	6 FRAC TANKS OBM & PUMP \$270 / DAY, PREMIX \$250 / DAY, VAC \$100 / DAY, SCREEN CLEANER \$35/ DAY, CONTAINMENT \$115 / DAY, 2 DRIVE OVERS \$50, PUMP \$85, PRESSURE WASHER \$55, 6 X 8 TRAN
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	700.00	C/O TRASH DUMPSTER
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	60.00	BLAXTONE ROLL OFF DUMPSTER RENTAL AND COOLING TRAILER AT \$30/DAY EACH
	0650	8760	RIG DAYWORK	Patterson Drilling	20,000.02	Patterson Rig Day Rate \$20,000 at 833.333/ Hr
	0650	8760	RIG DAYWORK	Patterson Drilling	330.00	OBM PAY 11 HANDS / \$30 / DAY,
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	Patterson Rig Move Rate \$17,000 at 708.333/Hr
	0650	8880	SAFETY - SERVICES	Cannon Safety	1,090.00	H2S MONITORING - GUARD SHACK
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,325.00	SOLIDS CONTROL, SERVICE AND RENTAL \$3,325 / DAY EQUIPMENT,
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR STEPHEN ATKINSON
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	WELLSITE SUPERVISOR MIKE ROBERTS
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR ARON DEES
	0650	8917	WELLSITE SUPERVISION	AIP	0.00	WELLSITE SUPERVISOR JEFFERY HARDIE
	0650	8917	WELLSITE SUPERVISION	WPX Energy	500.00	Shared Superintendent / Foreman day rate for Keith, Ian, Stan, Mark, Lance, Mike split between 6 rigs
			Daily Total	70,094.33	Daily Mud Cost	10,862.44
			Cumulative Total	3,171,911.63	Cumulative Mud Cost	358,712.10

WPX Energy																							
Daily Drilling Report																							
WELL NAME:	UL BALDWIN 352623-21 F 6H			AFE #:	200776		AFE \$:	4,060,000		LANDING PNT	10,798(usf)		REPORT#:	31		DATE:	8/10/2020						
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	90,313		LATERAL SEC:	9,710.00		DFS:	29.91									
EVENT:	DRILLING			LOCATION:			CUM COST \$:	3,262,225		TD (MD):	21,605.0		LITHOLOGY:										
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WINKLER,TEXAS		API: 42-495-34514		TD (TVD):		11,215.4		FORMATION:		WOLFCAMP A								
ENGINEER:	Justin Barmore			ROT HRS:	0.00				SPUD DATE::		6/14/2020		DIESEL (MUD DIESEL):		159 / 31,815								
TODAY'S DEPTH:		21,605 (usft )		CUM ROT:	367.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		1,382 / 55,866						
														NAT GAS (DGE):		0.00 / 0.00							
PREV. DEPTH:		21,605 (usft )					RIG::		Patterson 803				SUPERVISOR:		Aron Dees								
PROGRESS:		(usft )		WEATHER: 101°/75°								SUPERVISOR PH. #:		575-392-8754									
PRESENT OPERATION:		TIH WITH 5-1/2" LINER ON DP @ 13,077'																					
OPERATION FORECAST:		P/U BAKER LINER HANGER. RIH WITH LINER ON DP TO 21,605'. CIRC BU. CEMENT 5-1/2" LINER. SET PACKER AND TEST SAME. DISPLACE HOLE TO 10 PPG BRINE WATER. TOH WITH LINER HANGER RUNNING TOOL L/D 4-1/2" DP.																					
CSG / WELL CONTROL			DRLG DATA					DOWNTIME:				BIT RECORD											
LAST CASING:		7.625(in)		ST WT UP				PRESS				LOSS TIME (hrs):		71.50		BIT #							
DEPTH:		10,798(usft)		ST WT DN				RATE				LOSS TIME INC:		13.00		SIZE							
LAST BOP:		7/23/2020		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		2.50		DEPTH IN							
CONN:		BTC														DEPTH OUT							
PUMP DATA														DULL CONDITION									
PUMP #		MANU			LINER		STROKE		PRESSURE		GPM												
1		NATIONAL FD-1600			5.000		12		500.00		95.9												
2		BOMCO F-1600			5.000		12				0.0												
3		BOMCO F-1600			5.000		12				0.0												
SURVEY DATA																							
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS									
21,605.00		82.63		344.96		11,215.35		10,403.35		-3,446.67		10,403.35		0.00									
21,543.00		82.63		344.96		11,207.40		10,343.97		-3,430.71		10,343.97		1.26									
21,525.00		82.77		345.14		11,205.11		10,326.72		-3,426.11		10,326.72		1.56									
21,430.00		83.53		346.42		11,193.78		10,235.29		-3,402.94		10,235.29		5.64									
21,336.00		88.59		348.01		11,187.32		10,143.87		-3,382.20		10,143.87		2.27									
MUD DATA																							
Date: 8/10/2020 11:59:00PM				MUD TYPE INVERT			CHECK DEPTH 21,265			FL TEMP		WATER 14.60 (%)		OIL 59.80 (%)		SAND (%)							
GELS ( 6.0/14.0				Filter Cak 2.0 (32nd" )			HTHP 7.8			MW 13.00		VISC 61.00		TEMP 108.00		ECD 13.00							
PV/YP 22.0/10.0				MBT			pH Pm		Pf Mf		Cl-		Total Hard		K+								
Lubricant %				ES 625.0			WPS 287,120		CaCl2		WATER 20.00 (%)		OIL 80.00 (%)		HGS 17.40 (%)								
LGS 6.70 (%)				SOLIDS 24.10 (%)			H2S 0 (ppm )		/ 0.00 / 0.00														
COMMENTS																							
MUD GAS DATA																							
CONNECTION MAX 0.00						TRIP MAX 0.00						BACKGROUND MAX 0.00											
CURRENT BHA																							
DESCRIPTION			NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE						
			12		13,731.45																		
Heavy Weight Drill Pipe			0		1,395.47		15 STDS HWDP											4.500		2.75		4.25	
Drill Pipe			1		9,391.43		4-1/2" DELTA 425 - 99 STDS											4.500		3.88		4.25	
Aggitator			2		22.43		NOV AGITATOR 1.45 PLATE SIZE											5.250		3.00		4.25	
Drill Pipe			3		2,771.07		4-1/2" DELTA 425 29 STDS & DOUBLE											4.500		3.80		4.25	
Hole Opener			4		8.73		DRILL-N-REAM											5.250		3.00		4.25	
Drill Pipe			5		31.64		1 JT. 4-1/2" DELTA 425											4.500		3.80		4.25	
Cross Over			6		3.55		D425 BOX-XT39 PIN											5.310		2.25		4.25	
Filter			7		3.56		FILTER SUB											5.310		2.50		3.90	
Non-Mag Drill Collar			8		29.56		NMDC											5.180		2.75		3.90	
Non-Mag Drill Collar			9		30.72		NMDC											5.180		2.75		3.90	
Universal Bottom Hole Orienter			10		3.62		UBHO											5.000		2.25		3.90	
Integral Blade Stabilizer			11		4.86		6 1/4 STB											5.250		2.25		4.00	
Steerable Motor			12		33.81		DISCOVERY 5" 7/8 8.3 FBH@1.75 TRU SLICK 0.48 RPG											5.000				3.50	
Polycrystalline Diamond Bit			13		1.00		6-3/4" BAKER DD306TWX											6.750				3.50	
BHA HRS			MTR HRS 0																				
JAR HRS			MWD Hrs																				
OPERATIONS (00:00)																							
OPERATION COMMENT				STRIP OUT OF HOLE F/ 11,600' - 10,800' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL. CIRC SLUG OUT OF HOLE. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 242 PSI. LET WELL RELAX FOR 20 MIN. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 188 PSI. SPOT 138 BBL 500 PSI ECD PILL @ 10,800'. PUMP SLUG AND DROP RABBIT. TOH F/ 10,800' T/ BHA FILLING HOLE WITH TRIP TANK. R/U CASING EQUIPMENT. RUN 5-1/2" LINER TO 3,000'. CIRC SLUG OUT OF HOLE. RUN 5-1/2" LINER F/ 3,000' T/ 8,800'. CIRC OUT FIRST 1/3 OF ECD PILL. RUN 5-1/2" LINER F/ 8,800' T/ 9,800'. CIRC OUT SECOND 1/3 OF ECD PILL. RUN 5-1/2" LINER F/ 9,800' T/ 10,979'.																			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																
00:00	00:30	21,605.00	21,605.00	06	P	F_PRO	STRIP OUT OF HOLE F/ 11,600' - 10,792' * PUMPING CALCULATED FILL ON BACKSIDE EVERY STAND * 9 STKS PER STAND, 0.62 BBL / STAND * HOLDING 300 PSI BACK PRESSURE * PULL SPEED 100-135 FT/ MIN * HOLE SLICK, NO OVERPULL THROUGH OUT O.H.																
00:30	02:00	21,605.00	21,605.00	05	P	F_PRO	CIRCULATE SURFACE T/ SURFACE STROKES @ 10,792' TO REMOVE SLUG FROM WELLBORE * 6200 STROKES * START @ 290 GPM, LOST 8 BBLS / SLOWED DOWN T/ 250 GPM, LOST 6 BBLS, DROP 230 GPM 25 MUD LOSS TOTAL * WORK PIPE SLOWLY																

OPERATIONS (00:00)							
OPERATION COMMENT		STRIP OUT OF HOLE F/ 11,600' - 10,800' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL. CIRC SLUG OUT OF HOLE. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 242 PSI. LET WELL RELAX FOR 20 MIN. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 188 PSI. SPOT 138 BBL 500 PSI ECD PILL @ 10,800'. PUMP SLUG AND DROP RABBIT. TOH F/ 10,800' T/ BHA FILLING HOLE WITH TRIP TANK. R/U CASING EQUIPMENT. RUN 5-1/2" LINER TO 3,000'. CIRC SLUG OUT OF HOLE. RUN 5-1/2" LINER F/ 3,000' T/ 8,800'. CIRC OUT FIRST 1/3 OF ECD PILL. RUN 5-1/2" LINER F/ 8,800' T/ 9,800'. CIRC OUT SECOND 1/3 OF ECD PILL. RUN 5-1/2" LINER F/ 9,800' T/ 10,979'.					
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS
02:00	03:00	21,605.00	21,605.00	22	P	F_PRO	SHUT IN AND CHECK SICP 1 MIN - 119 PSI 2 MIN - 150 PSI 3 MIN - 171 PSI 4 MIN - 187 PSI 5 MIN - 201 PSI 6 MIN - 212 PSI 7 MIN - 220 PSI 8 MIN - 229 PSI 9 MIN - 236 PSI 10 MIN - 242 PSI  SHUT OFF PUMPS AND MONITOR FLOW AT TRIP TANK FOR 20 MINUTES 2 MIN - 0.60 SEC / QRT - 34 BBLS / HR 4 MIN - 0.79 SEC / QRT - 27 BBLS / HR 6 MIN - 0.79 SEC / QRT - 27 BBLS / HR 8 MIN - 0.75 SEC / QRT - 28 BBLS / HR 10 MIN -0.68 SEC / QRT - 31.5 BBLS / HR 12 MIN - 0.85 SEC / QRT - 25 BBLS / HR 14 MIN - 0.86 SEC / QRT - 21.5 BBLS / HR 16 MIN - 0.82 SEC / QRT - 26 BBLS / HR 18 MIN - 0.82 SEC / QRT - 26 BBLS / HR 19 MIN - 0.80 SEC / QRT - 26.7 BBLS / HR 20 MIN - 0.87 SEC / QRT - 24.6 BBLS / HR  SHUT IN AND CHECK SICP 1 MIN - 38 PSI 2 MIN - 85 PSI 3 MIN - 109 PSI 4 MIN - 129 PSI 5 MIN - 144 PSI 6 MIN - 156 PSI 7 MIN - 165 PSI 8 MIN - 174 PSI 9 MIN - 181 PSI 10 MIN - 188 PSI
03:00	03:30	21,605.00	21,605.00	07	P	F_PRO	RIG SERVICE
03:30	08:30	21,605.00	21,605.00	06	P	F_PRO	TRIP OUT OF HOLE F/ 10,792' - BHA * TOH ON TRIP TANK, HOLE TAKING CALCULATED FILL * PULL SPEED 275 FT/ MIN * LAY DOWN AGITATOR AND RE-DROP RABBIT
08:30	10:30	21,605.00	21,605.00	06	P	F_PRO	L/D BHA * 6-3/4" DD306TWX BAKER S/N: 5303264, GRADE 1-2-LT-IN-WT-TD * 5-1/8" DISCOVERY 7/8 LB- 8.3 STG- 1.83° FBH TS, 500DDS045, RPG - .48, MAX DIFF - 1960, MOTOR DRAINED, NO SQUAT * 6-1/4" NM STAB, DR44580 * FLOAT SUB, DR45789 * UBHO, AWNT3009 * NMDC, DTI DR37776 * NMDC, DTI DR40957 * FILTER SUB, DTI DR45797 * X/O -- D425 BOX ~ XT-39 PIN, DR45787 * DRILL N REAM, DTI-DRN-540
10:30	11:30	21,605.00	21,605.00	12	P	F_PRO	PJSM AND R/U CASING SPECIALTIES, RIG UP POLARIS TQUE TURN
11:30	15:00	21,605.00	21,605.00	12	P	F_PRO	PJSM WITH CASING SPECIALTIES CREW, POLARIS TQ TURN, PATTERSON AND WPX PERSONNEL RUN 5 1/2" 20.0# P-110 GEO CONN-SC PRODUCTION LINER FROM SHOE TO 3,000' * MAKE UP CITADEL ECCENTRIC SHOE * 2 JOINTS CASING * CITADEL FLOAT COLLAR * BAKER LANDING COLLAR * 1 PUP JOINT CASING * BAKER ALPHA SLEEVE (30 PIN) * BALL SEAT WITH PUP JOINT * SHOE TRACK = 94.79'
15:00	15:30	21,605.00	21,605.00	05	P	F_PRO	CIRCULATE BOTTOMS UP TO REMOVE SLUG FROM WELLBORE * 126 GPM @ 300 PSI * 5 BBLS LOST WHILE CIRCULATING OUT SLUG * CATCH HEAVY MUD IN TRIP TANK
15:30	20:00	21,605.00	21,605.00	12	P	F_PRO	CONTINUE RUNNING 5 1/2" 20.0# P-110 GEO CONN-SC PRODUCTION LINER FROM 3,000' TO 8800' * TORQUE CONNECTIONS TO 16,100 FT-LBS * FILLING ON THE FLY * HOLE DISPLACING 1 BBL SHORT / 10 JOINTS
20:00	21:00	21,605.00	21,605.00	05	P	F_PRO	CIRCULATE BOTTOMS UP TO REMOVE FIRST 1/3 OF ECD PILL FROM WELLBORE * STAGE PUMPS DOWN FROM 160 GPM TO 100 GPM @ 500 PSI FINAL * 30 BBLS LOST WHILE CIRCULATING OUT ECD PILL * CATCH HEAVY MUD IN TRIP TANK
21:00	22:00	21,605.00	21,605.00	12	P	F_PRO	CONTINUE RUNNING 5 1/2" 20.0# P-110 GEO CONN-SC PRODUCTION LINER FROM 8,800' TO 9,800' * TORQUE CONNECTIONS TO 16,100 FT-LBS * FILLING ON THE FLY * HOLE DISPLACING 0.5 BBLS SHORT / 10 JOINTS
22:00	23:00	21,605.00	21,605.00	05	P	F_PRO	CIRCULATE BOTTOMS UP TO REMOVE SECOND 1/3 OF ECD PILL FROM WELLBORE * 100 GPM @ 570 PSI * 28 BBLS LOST WHILE CIRCULATING OUT ECD PILL * CATCH HEAVY MUD IN TRIP TANK
23:00	00:00	21,605.00	21,605.00	12	P	F_PRO	CONTINUE RUNNING 5 1/2" 20.0# P-110 GEO CONN-SC PRODUCTION LINER FROM 9,800' TO 10,979'. * TOTAL OF 245 JTS * TORQUE CONNECTIONS TO 16,100 FT-LBS * FILLING ON THE FLY * HOLE DISPLACING 1.5 BBLS SHORT / 10 JOINTS





PATTERSON 803  
UL BALDWIN 352623-21 F 6H  
AFE: 200776

DFS: 29.91  
DOL: 61.66

SAFETY MEETING TOPIC:  
HEAT AWARENESS, PROPER HYDRATION, TRIPPING PIPE, PINCH POINTS AROUND ST-80, BREAKING CONNECTIONS WITH RIG TONGS, RUNNING CASING, AWARENESS AROUND CATWALK

DRILLS / HSE / OBSERVATIONS:  
SPILL DRILL

ACCIDENTS / INCIDENTS LAST 24 HRS:  
NONE

REGULATORY:  
NOTIFIED TRRC OF UPCOMING PRODUCTION LINER AND CEMENT. AUDRY OPER #2

NPT Daily:  
0 HRS

TOTAL NPT FOR WELL:  
72 HRS

24 HR SUMMARY:  
STRIP OUT OF HOLE F/ 11,600' - 10,800' HOLDING 300 PSI ON ANNULUS WITH DRILLING CHOKE PUMPING CALCULATED FILL.CIRC SLUG OUT OF HOLE. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 242 PSI. LET WELL RELAX FOR 20 MIN. SHUT IN WELL AND MONITOR PSI FOR 10 MIN = 188 PSI. SPOT 138 BBL 500 PSI ECD PILL @ 10,800'. PUMP SLUG AND DROP RABBIT. TOH F/ 10,800' T/ BHA FILLING HOLE WITH TRIP TANK. R/U CASING EQUIPMENT. RUN 5-1/2" LINER TO 3,000'. CIRC SLUG OUT OF HOLE. RUN 5-1/2" LINER F/ 3,000' T/ 8,800'. CIRC OUT FIRST 1/3 OF ECD PILL. RUN 5-1/2" LINER F/ 8,800' T/ 9,800'. CIRC OUT SECOND 1/3 OF ECD PILL. RUN 5-1/2" LINER F/ 9,800' T/ 10,979'.

AFTER MIDNIGHT:  
P/U LINER HANGER WITH BAKER TOOL TECH. WHILE ATTEMPTING PULL TEST, LOUD POPS WERE HEARD. VISUALLY INSPECT LINER HANGER. AFTER INSPECTING, FOUND THAT THE BELL ON LIFT SUB WAS SEIZED INTO THE LOAD SHOULDER ON DP ELEVATORS. LOWER LINER HANGER THRU ROTARY AND L/D ELEVATORS WITH LIFT SUB. P/U NEW SET OF 4-1/2" ELEVATORS. CONT RIH WITH LINER ON DP TO 11,124'. INSTALL ROTATING HEAD. CONT RIH W/ LINER ON HWDP TO 12,147'. BREAK CIRC @ 12,147' DUE TO UNDER DISPLACEMENT WHILE TIH WITH 5-1/2" LINER. TIH WITH LINER F/ 12,147' T/ 13,077'.

PLAN FORWARD:  
P/U BAKER LINER HANGER. RIH WITH LINER ON DP TO 21,605'. CIRC BU. CEMENT 5-1/2" LINER. SET PACKER AND TEST SAME. DISPLACE HOLE TO 10 PPG BRINE WATER. TOH WITH LINER HANGER RUNNING TOOL L/D 4-1/2" DP.

FOOTAGE LAST 24 HOURS: 0'  
AVG ROP: 0 FPH

LAST SURVEY:  
Survey: PTB:  
SD: 21543' Bit: 21605  
INC: 82.63° INC: 82.63°  
AZI: 344.96° AZI: 344.96°  
TVD: 11207.47'  
VS: 10888.06'  
N/S: 10342.01'  
E/W: -3427.60'  
DLS: 1.26°/100'  
Temp: 197°  
ROP: 80 FT/HR  
Gamma Ray: 90 API  
Up/Down: 10' Below  
Left/Right: 7' Left

MUD CHECK:  
PPG: 13.0, VIS: 57, YP: 10

LITHOLOGY:  
70% Shale, 30% Limestone @ 21,600' MD

	DAILY USAGE	TOTAL
CITY FRESH	0 BBLS	0 BBLS (CAMP WATER)
CITY FRESH WATER:	0 BBLS	900 BBLS (CEMENT WATER)
BRINE WATER:	0 BBLS	0 BBLS
CUT BRINE:	0 BBLS	0 BBLS
TRASH DISPOSAL:	0 BBLS	90 BBLS
ROLL OFF BOXES:	0 LOAD	19 LOADS
WATER METER:	0 GALS	3842 GALS

FORMATION TOPS:	TVD
CASTILE	2765'
BELL CANYON:	4958'
CHERRY CANYON:	5898'
BRUSHY CANYON	7100'
1ST BONE SPRING LIME	8488'
AVALON LOWER	8672'
1ST BONE SPRING SAND	8944'
2ND BONE SPRING LIME	9497'
2nd BONE SPRING SAND	9529'
3RD BONE SPRING LIME	10319'
3RD BONE SPRING SAND	11030'
PHANTOM WC FIELD TOP	11315'
WOLFCAMP X	
WOLFCAMP Y	
WOLFCAMP A	
LOWER WC A TOP	
LOWER WC A BASE	
Top Target	
Landing Point	11425'
Base Target	

Rig On Day Work: @ 16:00 P.M.  
SPUD: @ 20:30  
RIG KB: 28.5'  
(Surface Rig)  
20" CONDUCTOR SET AT 112'

TD SURFACE: 639' MD  
13-3/8" SET @ 628' MD  
10.75" CASING SET @ 5005' MD  
7.625" CASING SET @ 10,798' MD  
RIG RELEASE F/ 2ND INT SECTION: 6/25/2020 @ 20:00 HRS  
KOP @ 10,894' MD  
LAND CURVE @ 11,895' MD  
TD LATERAL @ 21,605' MD  
5.5" CASING SET @ ' MD  
RIG RELEASED @ , HRS  
COMPANY MAN: ARON DEES - DAYS / STEPHEN ATKINSON - FRANK KINNEY - NIGHTS  
DIRECTIONAL: SHANE MITCHELL - DAYS / MATT BROWN - NIGHTS  
MUD ENGINEER: DUSTIN LEE

DAILY COST

Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B & L Pipeco Services	0.00	7.625" INT #2. CASING @ \$26.55 / FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	10-3/4" SURFACE CASING @ \$37.20 / FT
	0652	8889	CASING (SURF)	B&L PipeCo.	0.00	9.625" SURFACE CASING @ \$26.63 FT
	0652	8889	CASING (SURF)	B & L Pipeco Services	0.00	13-3/8" SURFACE CASING @ \$29.79 PER FOOT
	0650	8734	CASING CREWS & TOOLS	Polaris Precision Tubular Services	3,650.00	5-1/2" TORQUE TURN
	0650	8734	CASING CREWS & TOOLS	Casing Specialities	8,684.00	RUN 5-1/2" LINER
	0652	8739	CASING/LINER (PROD)	B & L Pipeco Services	0.00	5-1/2" PROD. LINER @ \$13.59 / FT
	0650	8790	CONTINGENCY	WPX Energy	6,689.86	8% Contingency cost
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	Stryker Energy Directional Service	8,300.00	STRYKER DIRECTIONAL/STANDBY/ 8550 MOBILIZATION
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	AES Drilling Fluids	2,091.00	MUD PRODUCT + TAX/TRUCKING
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	AES Drilling Fluids	895.00	MUD ENGINEER
	0650	8783	FLUID & CUTTINGS DISPOSAL	Milestone Environmental Services,	175.00	WASHOUT
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	0.00	CUTTINGS BOXES
	0650	8774	GENERAL LABOR	Polaris Precision Tubular Services	1,440.00	ROLL CASING
	0650	8803	MAN CAMP	Civeo USA, LLC	80.00	Camp rental, 6 camps w/ sewer & water, Superintendent houses split between 6 rigs
	0650	8803	MAN CAMP	Civeo USA, LLC	800.00	Camp rental, 6 camps w/ sewer & water, office
	0650	8837	MUD LOGGING	Field Geo Services Inc	1,885.00	MUD LOGGER (\$1885)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	*New Vendor	9,000.00	DRILL-N-REAM FOR 6-3/4" LATERAL
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	2,751.84	4-1/2" DP, HWDP, AND HANDLING EQUIP & SUBS, 4-1/2" RAMS
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Workstring International	0.00	51 JTS 5" HWDP
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	1,350.00	6 FRAC TANKS OBM & PUMP \$270 / DAY, PREMIX \$250 / DAY, VAC \$100 / DAY, SCREEN CLEANER \$35/ DAY, CONTAINMENT \$115 / DAY, 2 DRIVE OVERS \$50, PUMP \$85, PRESSURE WASHER \$55, 6 X 8 TRAN
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	450.00	REMOTE CHOKES, PANEL, FLARE STACK, 2 SUPER CHOKES \$310 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	225.00	ROT. HEAD, AND ORBIT VALVE \$225
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PowerSat	255.00	DAILY RENTAL FOR INTERNET, PHONES, INTERCOM
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	1,500.00	BLAXTONE, RENT 25 VERT. UPRIGHT TANKS \$750, 3 PUMPS, 5 LIGHT TOWERS, 2 OPENTOP TANKS
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	803.50	REBUILD KIT, 2 WELL SPLIT
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	700.00	EDR - \$700 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	195.00	Blaxtone front end loader
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Blaxtone Energy, LLC	60.00	BLAXTONE ROLL OFF DUMPSTER RENTAL AND COOLING TRAILER AT \$30/DAY EACH
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Resource Rental Tools	200.00	INLINE MUD SCREEN HOUSING \$200 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	100.00	DAILY RENTAL FOR 100\$ / 18" BOP SPOOL
	0650	8760	RIG DAYWORK	Patterson Drilling	330.00	OBM PAY 11 HANDS / \$30 / DAY,
	0650	8760	RIG DAYWORK	Patterson Drilling	20,000.02	Patterson Rig Day Rate \$20,000 at 833.333/ Hr
	0650	8295	RIG MOVING RATE	Patterson Drilling	0.00	Patterson Rig Move Rate \$17,000 at 708.333/Hr
	0650	8880	SAFETY - SERVICES	Cannon Safety	1,090.00	H2S MONITORING - GUARD SHACK
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,325.00	SOLIDS CONTROL, SERVICE AND RENTAL \$3,325 / DAY EQUIPMENT,
	0650	8718	TUBULAR INSPECTION	Quail Tools LP	7,187.90	CAT 3 5" DP & HWDP INSPECTION AND REPAIRS
	0650	8917	WELLSITE SUPERVISION	WPX Energy	500.00	Shared Superintendent / Foreman day rate for Keith, Ian, Stan, Mark, Lance, Mike split between 6 rigs
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	1,400.00	WELLSITE SUPERVISOR MIKE ROBERTS
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR STEPHEN ATKINSON
	0650	8917	WELLSITE SUPERVISION	AIP	1,400.00	WELLSITE SUPERVISOR ARON DEES
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	1,400.00	WELLSITE SUPERVISOR FRANK KINNEY
			Daily Total	90,313.12	Daily Mud Cost	2,986.00
			Cumulative Total	3,262,224.75	Cumulative Mud Cost	361,698.10