PIONEER NATURAL RESOURCES

UNIVERSITY 6-48D 104H

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PINNERGY 4	
Accept:	11/13/2022
Release:	
Days Since LTI:	
Days Since RI:	

Daily Drilling Report

PERMIAN ASSET TEAM	
Job:	ODR
Report Date:	11/14/2022
Report #:	2
DFS:	1
AFE #:	9023601
Total AFE + Sup:	$3,154,583.15
Daily Field Est. (Cost):	$56,618.19

API/UWI	Well Profile	Open Formation	Field Name
42--003-48666-0000	HORIZONTAL	MIDDLE SPRABERRY (SPBY M A1)	SPRABERRY (TREND AREA)

SSN	Property Sub	KB-Grd (ft)	Orig KB Elevation (ft)	Ground Elevation (ft)	Spud Date	TD Date
ID00034057		25.00	2,993.00	2,968.00	11/13/2022	

Jobs

Responsible Grp 2	Responsible Grp 3	Job Type	Start Date	End Date	Job Status
DRL ENG - JOHN GARZA	AREA TEAM 4	ODR	11/13/2022 06:00		IN PROGRESS

Job Dates (ex. Estimated Pad Release, TXRRC Calls)

Type	Subtype	Date	Note

Daily Operations

Footage/Meterage (ft)	Drilling Hours	% Rotating Time	End Depth (ftKB)	Target Depth (ftKB)	Daily Field Est Total	Cum Field Est To Date
0.00			2,014.0		$56,618.19	$418,892.00

24 HR ROP (ft/hr)	Circulating Hours	% Sliding Time	End Depth (TVD) (ftKB)	Target Depth Depth (TVD) (ftKB)	Daily Mud Field Est Total	Cum Mud Field Est	Total AFE + Sup
	1.00		2,013.0		$	$	$3,154,583.15

Daily Goal Description	Daily Goal - Last 24	Daily Goal - Next 24	Goal Comments

Backbuild	Lateral Inclination	Last Casing String	Next Casing String
		SURFACE, 1,994.7ftKB	, ftKB

Avg Connection Gas	Avg Trip Gas	Avg Background Gas	Max Connection Gas	Max Trip Gas	Max Drill Gas

Operations Summary

Circ & condition wellbore, lddp, lay out bha, run 49 jts 13 3/8" 54.5# J55 csg, cmt 508 bbl lead, 130 bbl tail, disp with 298 bbl fresh water, circ 120 bbl cmt to surface, back out landing jt, release rig (Well 5 of 6)

Operations Next Report Period

Release rig to University 6-48E 105H

Operations At Report Time

Release rig

Remarks

Time Log

Start Time	Dur (hr)	End Time	Phase	Operation	Ops Category	Com	Start Depth (ftKB)	End Depth (ftKB)	Prob Hrs	Prob Ref #
06:00	1	07:00	CONST, DRL SURF	CIRC	NORMAL	Circulate poly sweep	2,014.0	2,014.0		
07:00	1.5	08:30	CONST, DRL SURF	L/D DP	NORMAL	Trip out the hole to run 13 3/8 casing	2,014.0	2,014.0		
08:30	0.5	09:00	CONST, DRL SURF	LD_DIR	NORMAL	Lay out bha	2,014.0	2,014.0		
09:00	0.5	09:30	CONST, DRL SURF	SFTY	NORMAL	Hold safety meeting with Smith Casing and Pinnergy	2,014.0	2,014.0		
09:30	0.5	10:00	CONST, DRL SURF	RU_CSG	NORMAL	Rig up Smith casing tools	2,014.0	2,014.0		
10:00	3	13:00	CONST, DRL SURF	CSG_W/O ROTATION	NORMAL	Run a total of 40 joints of 13 3/8 54.5# J55 casing	2,014.0	2,014.0		
13:00	1	14:00	CONST, DRL SURF	RIG_RPR	NORMAL	Wait on Smith Casing to replace casing tongs due to low gear not working	2,014.0	2,014.0	1.00	1
14:00	1	15:00	CONST, DRL SURF	CSG_W/O ROTATION	NORMAL	Continue to run a total of 49 joints of 13 3/8 54.5 casing	2,014.0	2,014.0		
15:00	0.25	15:15	CONST, DRL SURF	SFTY	NORMAL	Hold safety meeting with Permian 5 and Pinnergy	2,014.0	2,014.0		
15:15	0.25	15:30	CONST, DRL SURF	RU_CMT	NORMAL	Rig up Permian 5 cementers	2,014.0	2,014.0		
15:30	2	17:30	CONST, DRL SURF	CMT	NORMAL	Cement with Permian 5, LEAD- Total sks: 1500, TAIL- Total sks: 550 and displace with 298bls of fresh water. Bumped plug @ 1725, Circulated 120bbls of cement to surface	2,014.0	2,014.0		
17:30	0.5	18:00	CONST, DRL SURF	RD_CMT	NORMAL	Rig down Permian 5 and Lay out landing joint with Cactus, Rig Release @ 1800	2,014.0	2,014.0		

Interval Problems

RIG, 2,014.0ftKB, 11/14/2022 13:00

Ref #	Dur (hr)	Exclude From Problem Time Calcs?	SubType	Problem Description	Est Cost OR (Cost)	Accountable Party	Comment
1	1.00	No	PIPE HANDLING	TONGS		PINNERGY LTD	Wait on Smith Casing to replace casing tongs due to low gear not working

Drill Strings

BHA #1 , SURFACE

Bit Run	Drill Bit		Bit Type	Make
1	17 1/2, SPL616, N00039		PDC	DIAMANT
Nozzles (1/32")	**Bit Total Fluid Area (nozzles) (in²)**	**IADC Bit Dull**	**Hours Drilled By Bit (hr)**	**Depth Drilled By Bit (ft)**
20/20/20/20/20/20/20/20	2.76	-------	21.50	1,909.00
BHA Drilling Time (hr)	**BHA Depth Drilled (ft)**	**BHA ROP (ft/hr)**	**Depth In (ftKB)**	**Depth Out (ftKB)**
21.50	1,909.00	88.8	105.0	2,014.0

Drill String Components

Jts	Item Des	OD (in)	ID (in)	Len (ft)	Cum Len (ft)	Wt (lbf)	Cum Wt (1000lbf)	Make
41	DRILL PIPE	4 1/2	3.83	1,541.50	1,996.00	25,588.9	70	
10	DRILL COLLAR	6	2.50	286.43	454.50	22,742.5	44	RIG
1	SUB - XO	8	2.87	2.82	168.07	214.0	22	AMEGA WEST
2	DRILL COLLAR	8	3.00	56.71	165.25	8,336.4	21	RIG
2	DRILL COLLAR - NON MAG	8	3.50	57.59	108.54	7,964.7	13	AMEGA WEST
1	SUB - UBHO	8	3.25	2.50	50.95	357.0	5	AMEGA WEST
1	MWD TOOL - NON-RETRIEVABLE	8	3.50	8.48	48.45	1,195.7	5	AMEGA WEST
1	STABILIZER	8	3.00	7.27	39.97	1,032.3	4	AMEGA WEST
1	MOTOR - STABILIZER SLEEVE	9 5/8	4.00	31.20	32.70	2,527.2	3	TMC

Mud Motors

SN	Bend Angle	Bearing Type	Lobe Config	# Stages	Lwr Defln Type	Bit To Bend
TMC 850-20	1.76	SEALED	7:8	4		7.94

Sensors

Sensor Type	Sensor-Bit (ft)	Note
DIRECTIONAL	70.00	

Drilling Parameters

Start Time	End Time	Start Depth (ftKB)	Int Depth (ft)	Int ROP (ft/hr)	WOB (1000lbf)	RPM	dP (SPP) (psi)	Q Flow (gpm)	SPP (psi)	ROP Average (ft/hr)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	SO Str Wt (1000lbf)	Off-Btm Str Wt (1000lbf)	Drill Tq	Off Btm Tq	TFO (°)
06:00	07:00	2,014.0	0.00		15	55	400.0	750	1,500.0	0.0	55	80	60	70	10,000.0	5,000.0	0

Hydraulic Calculations

Dens Mud (lb/gal)	ECD End (lb/gal)	Bit Hydraulic Power (hp)	HP/Area (hp/in²)	Jet Vel (ft/s)	Bit dP (psi)	Min Open Hole AV (ft/min)	Max Open Hole AV (ft/min)	Vol DrillString (bbl)	Vol Bit to Shoe (bbl)	Vol Shoe to Top (bbl)

Kick Offs & Key Depths

Date	Type	Top Depth (ftKB)	Depth Top (TVD) (ftKB)
No Data			

Casing Strings

Description	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	Grade	Wt/Len (lb/ft)	Top Thread	P LeakOff (psi)
CONDUCTOR	105.0	105.0	20	H40	78.67		
SURFACE	1,994.7	1,993.7	13 3/8	J55	54.50	BTC	

Cement

Cement Fluids

Fluid Type	Estimated Top (ftKB)	Estimated Bottom (ftKB)	Class	Yield (ft³/sack)	Density (lb/gal)
SPACER	28.6	28.6	FRESH WATER	0.00	8.34
LEAD CMT	28.6	1,483.0	CLASS C	1.90	13.00
TAIL CMT	1,483.0	2,014.0	CLASS C	1.33	14.80
DSPLMT	28.6	1,950.0	FRESH WATER	0.00	8.34

Cement Stages

Description	Final Top Depth	Btm (ftKB)	Top Pl...	Btm Pl...			
SURFACE CASING CEMENT	28.6	2,014.0	Yes				
Q Pump Init	**Q Pump Final**	**Q Pump Avg**	**P Pump Final**	**P Plug Bump**	**Float**	**Recip?**	**Rotated?**
5	3	6	500.0	1,000.0	No	No	No

SURFACE CASING CEMENT casing 11/14/2022 15:30

Cmtg End Date	Wellbore	Technical Result	Comment
11/14/2022 17:30	ORIGINAL	SUCCESS	

Gas Emissions - Flare

Type	Method	Dur (Min)	Amount	Units	Com
No Data					

Job Supply Amounts

Supply Item Des	Type	Unit Label	Received	Consumed	Returned	Note	Cum On Loc	Cum Consumed
DIESEL	FUEL	GAL	1149	1149	0	surface rig fuel	0	1149

Mud Additive Amounts

Des	Type	Units	Rec	Consumed	On Loc	Cum Cons

Pump Operations

Pump #	Make	Model	Liner Size (in)	Stroke (in)	Vol/Stk (bbl/stk)	P Max (psi)
1	CONTINENTAL-EMSCO	F-800	6	9.02	0.079	2,500.0
2	CONTINENTAL-EMSCO	F-800	6	9.02	0.079	2,500.0

Pump Checks

Pump #	Depth (ftKB)	Time	P (psi)	Strokes (spm)	Q Flow (gpm)	Eff (%)
No Data						

Deviation Surveys

Date	Description	Job
11/13/2022 08:30	AS DRILL SURVEY	ODR, 11/13/2022 06:00

Formations

Formation Name	Prog Top Override (TVD SS) (ft(elv))	Prog Top MD (ftKB)	Prog Top (TVD) (ftKB)	Final Top MD (ftKB)	Final Top (TVD) (ftKB)
251_0_RSRL	888.0		2,105.0		
251_0_SLDO	840.0		2,153.0		
255_0_TNSL_TOP_DOL	-90.0		3,083.0	3,070.0	
256_0_YATES	-132.0		3,125.0	3,152.0	
257_0_SEVEN RIVERS	-434.0		3,427.0	3,425.0	
258_0_QUEEN	-1,102.0		4,095.0	4,101.0	
259_0_GRAYBURG	-1,611.0		4,604.0	4,563.0	
261_0_SAN ANDRES	-1,802.0		4,795.0	4,740.0	
263_5_Top_Cherry_Canyon	-2,697.0		5,690.0	5,684.0	
264_5_TOP_BRUSHY_CANYON	-3,594.0		6,587.0		
265_0_CLEARFORK/POP	-3,815.0		6,808.0	6,851.0	
ICP1	-3,865.0		6,858.0		
267_0_SPBY_U_A1/267_0_SPBY	-5,443.0		8,436.0	8,493.0	
ALT_ICP2	-5,493.0		8,486.0		
267_5_SPBY_M_A1	-5,755.0		8,748.0	8,807.0	
268_5_SPBY_L_A1	-5,987.0		8,980.0	9,026.0	
268_5_SPBY_L_A2	-6,023.0		9,016.0	9,077.0	
268_5_SPBY_L_A3	-6,108.0		9,101.0	9,155.0	
268_6_SPBY_L_B1/JO MILL	-6,262.0		9,255.0	9,355.0	
268_7_SPBY_L_C1/LOWER SPRABERRY SHALE	-6,321.0		9,314.0	9,409.0	
ILP	-5,920.0		8,913.0		
PBHL/TD	-5,990.0		8,983.0		
269_0_DEAN	-6,633.0		9,626.0		
270_0_WFMP_A1	-6,802.0		9,795.0		
275_0_WFMP_B1	-7,009.0		10,002.0		
276_0_WFMP_B2	-7,031.0		10,024.0		
278_0_WFMP_B3	-7,085.0		10,078.0		
280_0_WFMP_C1	-7,175.0		10,168.0		
282_0_WFMP_C2	-7,275.0		10,268.0		
292_0_WFMP_D	-7,701.0		10,694.0		
304_0_STRAWN	-8,065.0		11,058.0		

Daily Contacts

Job Contact	Title	Office	Mobile	Email
POLYA, JOE, AREA DRILLING SUPERINTENDENT	AREA DRILLING SUPERINTENDENT	432-413-6147	432-352-3155	JOE.POLYA@PXD.COM
COX, BRYAN, ENGINEER	ENGINEER	972-969-5717	361-318-4212	BRYAN.COX@PXD.COM
GARZA, JOHN, ENGINEER	ENGINEER		469-286-7746	JOHN.GARZA@PXD.COM
BLEDSOE, WILL, SUPERINTENDENT	SUPERINTENDENT		361-318-5836	WILL.BLEDSOE@PXD.COM
MYERS, RUSSELL, WELLSITE SUPERVISOR	WELLSITE SUPERVISOR		432-301-6786	RUSSELL.MYERS@PXD.COM

Personnel Log

Company	Count
PIONEER NATURAL RESOURCES USA INC	1
PINNERGY LTD	11
METEORITE ENERGY SERVICES INC	2

PIONEER NATURAL RESOURCES

UNIVERSITY 6-48D 104H

Generated by WellDrive®

PINNERGY 4	
Accept:	11/13/2022
Release:	
Days Since LTI:	
Days Since RI:	

Daily Drilling Report

PERMIAN ASSET TEAM	
Job:	ODR
Report Date:	11/14/2022
Report #:	1
DFS:	1
AFE #:	9023601
Total AFE + Sup:	$3,154,583.15
Daily Field Est. (Cost):	$363,432.43

API/UWI	Well Profile	Open Formation	Field Name
42--003-48666-0000	HORIZONTAL	MIDDLE SPRABERRY (SPBY M A1)	SPRABERRY (TREND AREA)

SSN	Property Sub	KB-Grd (ft)	Orig KB Elevation (ft)	Ground Elevation (ft)	Spud Date	TD Date
ID00034057		25.00	2,993.00	2,968.00	11/13/2022	

Jobs

Responsible Grp 2	Responsible Grp 3	Job Type	Start Date	End Date	Job Status
DRL ENG - JOHN GARZA	AREA TEAM 4	ODR	11/13/2022 06:00		IN PROGRESS

Job Dates (ex. Estimated Pad Release, TXRRC Calls)

Type	Subtype	Date	Note
TXRRC CALL	CEMENT SURF	11/13/2022 06:00	
TXRRC CALL	SPUD	11/13/2022 06:00	

Daily Operations

Footage/Meterage (ft)	Drilling Hours	% Rotating Time	End Depth (ftKB)	Target Depth (ftKB)	Daily Field Est Total	Cum Field Est To Date
1,909.00	21.50	89.53	2,014.0		$363,432.43	$363,432.43

24 HR ROP (ft/hr)	Circulating Hours	% Sliding Time	End Depth (TVD) (ftKB)	Target Depth Depth (TVD) (ftKB)	Daily Mud Field Est Total	Cum Mud Field Est	Total AFE + Sup
88.8		10.47			$	$	$3,154,583.15

Daily Goal Description	Daily Goal - Last 24	Daily Goal - Next 24	Goal Comments

Backbuild	Lateral	Inclination	Last Casing String	Next Casing String
			CONDUCTOR, 105.0ftKB	, ftKB

Avg Connection Gas	Avg Trip Gas	Avg Background Gas	Max Connection Gas	Max Trip Gas	Max Drill Gas

Operations Summary

Rig down f/University 6-48C 103H, skid, rig up over conductor, pre spud & drops inspection, pick up meteorite mud motor, drill f/87' t/td=1,996' (Well 4 of 5)

Operations Next Report Period

Circ & condition wellbore, lddp, lay out bha, run csg, cmt, back out landing jt, release rig

Operations At Report Time

Drilling 17.5" surface @ 1,996'

Remarks

Time Log

Start Time	Dur (hr)	End Time	Phase	Operation	Ops Category	Com	Start Depth (ftKB)	End Depth (ftKB)	Prob Hrs	Prob Ref #
06:00	0.5	06:30	CONST, DRL SURF	RD RDMO	NORMAL	Rlg down from University 6-48C 103H	105.0	105.0		
06:30	0.5	07:00	CONST, DRL SURF	SKID	NORMAL	Skid rig from Univeristy 6-48C 103H to 6-48D 104H	105.0	105.0		
07:00	0.5	07:30	CONST, DRL SURF	RU MIRU	NORMAL	Spot dog house, pipe loader, pipe racks and rig up	105.0	105.0		
07:30	0.5	08:00	CONST, DRL SURF	RIG_INSP	NORMAL	Pre spud inspection, function test and complete drops inspection	105.0	105.0		
08:00	0.5	08:30	CONST, DRL SURF	PU_ DIR	NORMAL	Pick up and make up Drill Point bit SER#N00039 with Meteorite mud motor Ser# TMC 850-20 and Scribe with Meteorite DD and MWD. Install Meteorite MWD tool with Meteorite MWD, tag @ 87'	105.0	105.0		
08:30	21.5	06:00	CONST, DRL SURF	DRL	NORMAL	Drill from 87' to 1996' S/W=75K P/U= 80K S/O= 70K WOB= 18K RPM= 65 SPM #1= 120 SPM #2= 120 GPM= 700 TQ OFF BTTM= 900PSI TQ ON BTTM= 2100PSI ON BTM PSI= 1200 OFF BTM PSI=900 DIFF PSI = 300	105.0	2,014.0		

Drill Strings

BHA #1 , SURFACE

Bit Run	Drill Bit	Bit Type	Make
1	17 1/2, SPL616, N00039	PDC	DIAMANT

Nozzles (1/32")	Bit Total Fluid Area (nozzles) (in²)	IADC Bit Dull	Hours Drilled By Bit (hr)	Depth Drilled By Bit (ft)
20/20/20/20/20/20/20/20/20	2.76	-------	21.50	1,909.00

BHA Drilling Time (hr)	BHA Depth Drilled (ft)	BHA ROP (ft/hr)	Depth In (ftKB)	Depth Out (ftKB)
21.50	1,909.00	88.8	105.0	2,014.0

Drill String Components

Jts	Item Des	OD (in)	ID (in)	Len (ft)	Cum Len (ft)	Wt (lbf)	Cum Wt (1000lbf)	Make
41	DRILL PIPE	4 1/2	3.83	1,541.50	1,996.00	25,588.9	70	
10	DRILL COLLAR	6	2.50	286.43	454.50	22,742.5	44	RIG
1	SUB - XO	8	2.87	2.82	168.07	214.0	22	AMEGA WEST
2	DRILL COLLAR	8	3.00	56.71	165.25	8,336.4	21	RIG
2	DRILL COLLAR - NON MAG	8	3.50	57.59	108.54	7,964.7	13	AMEGA WEST

1	SUB - UBHO	8	3.25	2.50	50.95	357.0	5	AMEGA WEST
1	MWD TOOL - NON-RETRIEVABLE	8	3.50	8.48	48.45	1,195.7	5	AMEGA WEST
1	STABILIZER	8	3.00	7.27	39.97	1,032.3	4	AMEGA WEST
1	MOTOR - STABILIZER SLEEVE	9 5/8	4.00	31.20	32.70	2,527.2	3	TMC

Mud Motors

SN	Bend Angle	Bearing Type	Lobe Config	# Stages	Lwr Defln Type	Bit To Bend
TMC 850-20	1.76	SEALED	7:8	4		7.94

Sensors

Sensor Type	Sensor-Bit (ft)	Note
DIRECTIONAL	70.00	

Drilling Parameters

Start Time	End Time	Start Depth (ftKB)	Int Depth (ft)	Int ROP (ft/hr)	WOB (1000lbf)	RPM	dP (SPP) (psi)	Q Flow (gpm)	SPP (psi)	ROP Average (ft/hr)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	SO Str Wt (1000lbf)	Off-Btm Str Wt (1000lbf)	Drill Tq	Off Btm Tq	TFO (°)
08:30	10:45	105.0	367.00	163.1	15	55	400.0	750	1,500.0	163.1	28	45	41	43	2,000.0	1,000.0	0
10:45	11:00	472.0	15.00	60.0	8	0	200.0	750	1,000.0	60.0	35	45	41	43	0.0	1,000.0	145
11:00	12:15	487.0	172.00	137.6	15	55	400.0	750	1,500.0	137.6	31	50	42	46	4,000.0	2,000.0	0
12:15	12:30	659.0	15.00	60.0	8	0	200.0	750	1,000.0	60.0	38	50	42	46	0.0	2,000.0	170
12:30	13:45	674.0	173.00	138.4	15	55	400.0	750	1,500.0	138.4	35	54	46	50	4,000.0	2,000.0	0
13:45	14:00	847.0	5.00	20.0	8	0	200.0	750	1,000.0	20.0	42	54	46	50	0.0	2,000.0	125
14:00	15:00	852.0	88.00	88.0	15	55	400.0	750	1,500.0	88.0	36	57	45	51	6,000.0	3,000.0	0
15:00	15:15	940.0	12.00	48.0	8	0	200.0	750	1,000.0	48.0	43	57	45	51	0.0	3,000.0	195
15:15	20:45	952.0	458.00	83.3	15	55	400.0	750	1,500.0	83.3	45	68	52	60	8,000.0	4,000.0	0
20:45	21:15	1,410.0	13.00	26.0	8	0	200.0	750	1,000.0	26.0	52	68	52	60	0.0	4,000.0	35
21:15	22:15	1,423.0	82.00	82.0	15	55	400.0	750	1,500.0	82.0	47	70	54	62	8,000.0	4,000.0	0
22:15	23:00	1,505.0	15.00	20.0	8	0	200.0	750	1,000.0	20.0	54	70	54	62	0.0	4,000.0	10
23:00	06:00	1,520.0	494.00	70.6	15	55	400.0	750	1,500.0	70.6	55	80	60	70	10,000.0	5,000.0	0

Hydraulic Calculations

Dens Mud (lb/gal)	ECD End (lb/gal)	Bit Hydraulic Power (hp)	HP/Area (hp/in²)	Jet Vel (ft/s)	Bit dP (psi)	Min Open Hole AV (ft/min)	Max Open Hole AV (ft/min)	Vol DrillString (bbl)	Vol Bit to Shoe (bbl)	Vol Shoe to Top (bbl)

Kick Offs & Key Depths

Date	Type	Top Depth (ftKB)	Depth Top (TVD) (ftKB)
No Data			

Casing Strings

Description	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	Grade	Wt/Len (lb/ft)	Top Thread	P LeakOff (psi)
CONDUCTOR	105.0	105.0	20	H40	78.67		

Gas Emissions - Flare

Type	Method	Dur (Min)	Amount	Units	Com
No Data					

Job Supply Amounts

Supply Item Des	Type	Unit Label	Received	Consumed	Returned	Note	Cum On Loc	Cum Consumed
WATER	FRESH	BBL	0	0	0	surface rig fresh water	0	0
DIESEL	FUEL	GAL	1149	1149	0	surface rig fuel	0	1149

Mud Additive Amounts

Des	Type	Units	Rec	Consumed	On Loc	Cum Cons

Pump Operations

Pump #	Make	Model	Liner Size (in)	Stroke (in)	Vol/Stk (bbl/stk)	P Max (psi)
1	CONTINENTAL-EMSCO	F-800	6	9.02	0.079	2,500.0
2	CONTINENTAL-EMSCO	F-800	6	9.02	0.079	2,500.0

Pump Checks

Pump #	Depth (ftKB)	Time	P (psi)	Strokes (spm)	Q Flow (gpm)	Eff (%)
No Data						

Deviation Surveys

Date	Description	Job
11/13/2022 08:30	AS DRILL SURVEY	ODR, 11/13/2022 06:00

Survey Data - All surveys for 24 hr reporting period

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
144.00	0.20	358.80	144.00	-0.20	0.21	0.00	0.17
229.00	0.20	64.70	229.00	-0.39	0.42	0.13	0.26
311.00	0.20	262.10	311.00	-0.43	0.46	0.11	0.48
402.00	0.50	285.70	402.00	-0.62	0.55	-0.43	0.36
495.00	0.80	165.80	494.99	-0.15	0.03	-0.66	1.22
589.00	0.90	161.40	588.98	1.24	-1.31	-0.26	0.13
682.00	1.60	173.00	681.96	3.25	-3.29	0.13	0.80
777.00	1.80	172.80	776.92	6.07	-6.09	0.48	0.21
870.00	1.70	160.70	869.88	8.89	-8.84	1.12	0.41
965.00	2.30	169.00	964.82	12.19	-12.04	1.95	0.70
1,059.00	2.80	167.40	1,058.72	16.37	-16.13	2.81	0.54
1,151.00	2.70	173.50	1,150.62	20.78	-20.48	3.54	0.34
1,245.00	2.50	173.00	1,244.52	25.03	-24.71	4.04	0.21

1,340.00	2.50	177.90	1,339.43	29.14	-28.84	4.37	0.22
1,435.00	2.50	173.20	1,434.34	33.26	-32.97	4.69	0.22
1,529.00	2.40	166.30	1,528.26	37.27	-36.91	5.40	0.33
1,624.00	2.10	162.60	1,623.18	40.99	-40.51	6.39	0.35
1,717.00	2.30	154.90	1,716.11	44.49	-43.82	7.70	0.38

Formations

Formation Name	Prog Top Override (TVD SS) (ft(elv))	Prog Top MD (ftKB)	Prog Top (TVD) (ftKB)	Final Top MD (ftKB)	Final Top (TVD) (ftKB)
222_0_DOKM_E1_SNRS_M/TOP_POROUS_SAND	1,443.0		1,550.0		
224_0_DOKM_F1_SNRS_L/BASE_POROUS_SAND	1,220.0		1,773.0		
250_0_DWLK	1,076.0		1,917.0		
SCP	1,020.0		1,973.0		
251_0_RSRL	888.0		2,105.0		
251_0_SLDO	840.0		2,153.0		
255_0_TNSL_TOP_DOL	-90.0		3,083.0	3,070.0	
256_0_YATES	-132.0		3,125.0	3,152.0	
257_0_SEVEN RIVERS	-434.0		3,427.0	3,425.0	
258_0_QUEEN	-1,102.0		4,095.0	4,101.0	
259_0_GRAYBURG	-1,611.0		4,604.0	4,563.0	
261_0_SAN ANDRES	-1,802.0		4,795.0	4,740.0	
263_5_Top_Cherry_Canyon	-2,697.0		5,690.0	5,684.0	
264_5_TOP_BRUSHY_CANYON	-3,594.0		6,587.0		
265_0_CLEARFORK/POP	-3,815.0		6,808.0	6,851.0	
ICP1	-3,865.0		6,858.0		
267_0_SPBY_U_A1/267_0_SPBY	-5,443.0		8,436.0	8,493.0	
ALT_ICP2	-5,493.0		8,486.0		
267_5_SPBY_M_A1	-5,755.0		8,748.0	8,807.0	
268_5_SPBY_L_A1	-5,987.0		8,980.0	9,026.0	
268_5_SPBY_L_A2	-6,023.0		9,016.0	9,077.0	
268_5_SPBY_L_A3	-6,108.0		9,101.0	9,155.0	
268_6_SPBY_L_B1/JO MILL	-6,262.0		9,255.0	9,355.0	
268_7_SPBY_L_C1/LOWER SPRABERRY SHALE	-6,321.0		9,314.0	9,409.0	
ILP	-5,920.0		8,913.0		
PBHL/TD	-5,990.0		8,983.0		
269_0_DEAN	-6,633.0		9,626.0		
270_0_WFMP_A1	-6,802.0		9,795.0		
275_0_WFMP_B1	-7,009.0		10,002.0		
276_0_WFMP_B2	-7,031.0		10,024.0		
278_0_WFMP_B3	-7,085.0		10,078.0		
280_0_WFMP_C1	-7,175.0		10,168.0		
282_0_WFMP_C2	-7,275.0		10,268.0		
292_0_WFMP_D	-7,701.0		10,694.0		
304_0_STRAWN	-8,065.0		11,058.0		

Daily Contacts

Job Contact	Title	Office	Mobile	Email
POLYA, JOE, AREA DRILLING SUPERINTENDENT	AREA DRILLING SUPERINTENDENT	432-413-6147	432-352-3155	JOE.POLYA@PXD.COM
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BLEDSOE, WILL, SUPERINTENDENT	SUPERINTENDENT		361-318-5836	WILL.BLEDSOE@PXD.COM
MYERS, RUSSELL, WELLSITE SUPERVISOR	WELLSITE SUPERVISOR		432-301-6786	RUSSELL.MYERS@PXD.COM

Personnel Log

Company	Count
PIONEER NATURAL RESOURCES USA INC	1
PINNERGY LTD	11
METEORITE ENERGY SERVICES INC	2