

Terra Energy Partners

Piceance Daily Drilling Report

WELL NAME:	NR 332-4	AFE #:	220043	AFE \$:	884,559	LANDING PNT	1,137(ft)	REPORT#:	6	DATE:	8/10/2022				
FIELD:	RULISON	SIDETRACK:	00	DAILY COST \$:	60,973	LATERAL SEC:		DFS:	5.52						
EVENT:	DRILLING	LOCATION:		CUM COST \$:	601,078	TD (MD):	10,082.0	LITHOLOGY:							
OBJECTIVE:	DEVELOPMENT	CTY,ST:	GARFIELD,COL ORADO	DAILY MUD	5,089	TD (TVD):	8,935.1	FORMATION:							
ENGINEER:	Dustin Childers	ROT HRS:	0.0	CUM MUD	57,312	SPUD DATE::	8/5/2022	RIG FUEL USED:	892						
TODAY'S DEPTH:	10,082 (ft)	CUM ROT:	73.00	+/- PLAN:		RR DATE :		CUM FUEL USED:	17,999						
PREV. DEPTH:	10,082 (ft)			RIG::	H&P/329			SUPERVISOR:	Garrett Wade						
PROGRESS:	(ft)	WEATHER: 73° / Partly Cloudy						SUPERVISOR PH. #:	970-549-3691						
PRESENT OPERATION:	5.77 DFS / No Inspections, No Incidents / Currently milling on fish.														
OPERATION FORECAST:	Trip out of hole with mill, run magnet on wireline, trip in hole with overshot, latch on fish and trip out of hole.														
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD							
LAST CASING:	9.625(in)	ST WT UP		PRESS		LOSS TIME (hrs):	0.00	BIT #		RPM					
DEPTH:	1,137(ft)	ST WT DN		RATE		LOSS TIME INC:	0.00	SIZE		HHP					
LAST BOP:	8/6/2022	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:		TQ OFF BTM				CUM RIG DOWN	0.00	DEPTH IN							
CONN:								DEPTH OUT							
PUMP DATA								ROP-last 24 l							
PUMP #	MANU		LINER		STROKE		PRESSURE		GPM		CUM. FT				
1	GARDENER-DENVER		6.500		11		150.00		225.2		CUM. HRS				
2	GARDENER-DENVER		6.500		11						ROP/Cum-ent				
3	GARDENER-DENVER		6.500		11						WOB				
SURVEY DATA								DULL CONDITION							
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	I	O	D	L				
9,949.00	0.92	218.37	8,802.07	1,537.96	-3,572.66	1,537.96	0.09								
9,858.00	0.88	213.97	8,711.08	1,539.12	-3,571.81	1,539.12	2.34								
9,769.00	2.42	156.46	8,622.12	1,541.41	-3,572.18	1,541.41	0.64								
9,677.00	1.89	149.46	8,530.18	1,544.49	-3,573.73	1,544.49	0.44								
9,585.00	2.29	147.88	8,438.25	1,547.36	-3,575.48	1,547.36	0.37								
MUD ADDITIVES															
PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT					
NP-Myacide 5 gal				NP-Soda Ash				NP-Lime		1.00					
NP-NewZan D				NP-DynaDet E				NP-AquaPak							
NP-NewPHPA		1.00		NP-NewGel Ton				NP-Sodium Bicarb							
DES-SAPP Sticks				NP-NewPhalt				NP-SOYGOLD Metf							
NP-Desco				BAS-Jet Hib 5495				NP-NoFoam A							
Sawdust				NP-Walnut Shell M				NP-Fiber-Seal							
NP-Super Sweep Fil				NP-EXWATE BULK		15.00		NP-NewWate 100 lb							
NP-NewGel HY		4.00		Dewater-Alcomer 24				Dewater-Calcium Ni							
Third Party Trucking		719.00		NP-Rail Guppy Renl		3.00		Engineering (24 Hr s		1.00					
								Tax		124.05					
MUD DATA															
MUD TYPE		WATER BASED MUD		MW		10.20		VISC		54.00					
ECD				PVC		17.0/19.0		API WL		6.4					
HTHP				GELS (8.0/18.0		SOLIDS ( 10.50 (%) )		LGS		6.93 (%) )					
SAND		0.50 (%) )		OIL		(%) )		MBT		22.5					
LIME				pH		9.30		Pm		0.18					
Pf		0.04		Mf		1.08		Cl-		1500					
Ca+				HGS		3.49 (%) )		Filter Cake 2.0 (32nd")		WTR					
OIL				LCM IN		0.0		POLYMER		0.00					
CaCl2		ES		HOLE VOL		0.00		PIT VOL		CLOM (ppm )					
DISEL				LCM OUT		0									
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					
		6		313.45											
Accelerator		0		13.10						6.25					
Heavy Weight Drill Pipe		1		279.38						2.25					
Hydraulic Jar-F		2		13.15						6.25					
Bumper Sub		3		4.10						2.25					
Washover Sub		4		4.86		Overshot bowl				6.25					
Washover Sub		5		2.93		Overshot				2.25					
BHA HRS		0.00		MTR HRS		0.00									
JAR HRS				MWD Hrs		0.00									
OPERATIONS (00:00)															
OPERATION COMMENT				Perform fishing operations, make 1 drill pipe run with magnet, 1 run with overshot, 3 wireline magnet runs, all unsuccessful, make up and trip in hole with milling assembly, mill from 1,355' to 1,356'.											
FROM	TO	MD from	MD to	CODE	CLASS	OPERATIONS									
00:00	02:30			21	U	Wait on fishing tools to be re-built.									
02:30	03:30			06	U	M/U Overshot and TIH to top of fish @ 1,258'.									
03:30	04:00			19	U	Failed attempt to latch onto fish.									
04:00	05:00			06	U	TOOH to pick up magnet to fish grappler control piece.									
05:00	06:00			06	U	M/U magnet and TIH to top of fish @ 1,258'.									
06:00	06:30			19	U	Attempt to retrieve grappler control piece with magnet.									
06:30	07:00			06	U	TOOH, (unsuccessful recovery with magnet).									
07:00	09:00			06	U	Wait on orders. Weld / repair overshot shoe. (intention if to retrieve control piece with overshot shoe, or push it down below top of fish).									
09:00	09:30			06	U	TIH									
09:30	10:00			19	U	Attempt to retrieve grappler control piece with modified overshot. (unsuccessful).									
10:00	11:00			06	U	TOOH									
11:00	13:00			21	U	Wait on tools to be modified by welder on site. M/U overshot.									
13:00	13:30			06	U	TIH									
13:30	14:00			19	U	Attempt to retrieve grappler control piece with modified overshot. (unsuccessful).									
14:00	15:00			06	U	TOOH, L/D overshot.									
15:00	16:30			21	U	Wait on fishing tools.									
16:30	17:00			11	U	R/U wireline to RIH with KLX magnet to retrieve grappler control piece while waiting on Dynasty hot shot.									
17:00	18:00			21	U	Wait on Magnet from KLX.									
18:00	20:30			19	U	Make 3 runs with magnet on wireline, (unsuccessful). Rig down wireline truck.									
20:30	21:00			06	U	Make up fishing BHA 5 with 8" overshot mill shoe and 7 5/8" mill.									

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OPERATIONS (00:00)							
OPERATION COMMENT				Perform fishing operations, make 1 drill pipe run with magnet, 1 run with overshot, 3 wireline magnet runs, all unsuccessful, make up and trip in hole with milling assembly, mill from 1,355' to 1,356'.			
FROM	TO	MD from	MD to	CODE	CLASS	OPERATIONS	
21:00	21:30			06	U	Trip in hole from BHA to 1,258'.	
21:30	22:30			03	U	Mill on top of fish from 1,258' to 1,259', 230 gpm, 35 rpm, 2-5k torque. Milling obstruction gone, rotate in hole with no restrictions, (possible fish slide back to bottom or original fish was on bottom and milling on junk).	
22:30	23:00			03	U	Rotate in hole with no restriction from 1,259' to 1,349', clean out and close bumper sub to 1,355'.	
23:00	00:00			03	U	Mill on top of fish from 1,355' to 1,356', 230 gpm, 35 rpm, 2-5k torque.	
24 HOUR SUMMARY							
Current Survey:							
MD	INC	AZI	TVD	N+/S-	E+/W-	V.S.	DLS
9949	0.92	218.37		8802.07	1537.96	-3572.66	3889.61 0.09
Position Relative to Plan: 11' North of Target Center							