

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															
PUMP #	MANU	LINER	STROKE	PRESSURE	GPM			ROP-last 24 I							
1	GARDENER-DENVER	6.500	11	150.00	225.2			CUM. FT							
2	GARDENER-DENVER	6.500	11					CUM. HRS							
3	GARDENER-DENVER	6.500	11					ROP/Cum-ent							
SURVEY DATA															
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	DULL CONDITION							
9,949.00	0.92	218.37	8,802.07	1,537.96	-3,572.66	1,537.96	0.09	I	O	D	L	B	R	G	T
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	PRODUCT	AMOUNT
NP-Myacide 5 gal		NP-Soda Ash		NP-Lime	1.00	NP-Aluminum Triste.	
NP-NewZan D		NP-DynaDet E		NP-AquaPak		NP-NewPac LV	
NP-NewPHPA	1.00	NP-NewGel Ton		NP-Sodium Bicarb		BAS-Caustic Soda	1.00
DES-SAPP Sticks		NP-NewPhalt		NP-SOYGOLD Metf		NP-Potassium Chlor	
NP-Desco		BAS-Jet Hib 5495		NP-NoFoam A		BAS-Defoam SI	
Sawdust		NP-Walnut Shell M		NP-Fiber-Seal		NP-SAPP	
NP-Super Sweep Fil		NP-EXWATE BULK	15.00	NP-NewWate 100 lb		Corrosion Ring	
NP-NewGel HY	4.00	Dewater-Alcomer 24		Dewater-Calcium Ni		Dewater-Aluminum !	
Third Party Trucking	719.00	NP-Rail Guppy Rent	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		PV/YP	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+		K+		POLYMER		0.00	
CaCl2		ES		HGS 3.49 (%))		Filter Cake 2.0 (32nd")		WTR		OIL		LCM IN	0.0
CHECK DEPTH	10,082	FL TEMP		HOLE VOL	0.00	PIT VOL		CLOM (ppm)		DISEL		LCM OUT	0

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	2.25		
Heavy Weight Drill Pipe	1	279.38							6.25	3.00		
Hydraulic Jar-F	2	13.15							6.25	2.25		
Bumper Sub	3	4.10							6.25	2.25		
Washover Sub	4	4.86	Overshot bowl									
Washover Sub	5	2.93	Overshot						6.25	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.						

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