

Terra Energy Partners																																			
Piceance Daily Drilling Report																																			
WELL NAME:	NR 332-4		AFE #:	220043		AFE \$:	884,559		LANDING PNT	1,137(ft)		REPORT#:	9		DATE:	8/13/2022																			
FIELD:	RULISON		SIDETRACK:	00		DAILY COST \$:	49,993		LATERAL SEC:			DFS:	8.52																						
EVENT:	DRILLING		LOCATION:			CUM COST \$:	762,455		TD (MD):	10,082.0		LITHOLOGY:																							
OBJECTIVE:	DEVELOPMENT		CTY,ST:	GARFIELD,COL ORADO		DAILY MUD	4,018		TD (TVD):	8,935.1		FORMATION:																							
ENGINEER:	Dustin Childers		ROT HRS:	0.0		CUM MUD	67,659		SPUD DATE::	8/5/2022		RIG FUEL USED:		866																					
TODAY'S DEPTH:		10,082 (ft )		CUM ROT:		73.00		+/- PLAN:				RR DATE :				CUM FUEL USED:		20,845																	
PREV. DEPTH:		10,082 (ft )						RIG::		H&P/329		SUPERVISOR:		Garrett Wade																					
PROGRESS:		(ft )		WEATHER:								SUPERVISOR PH. #:		970-549-3691																					
PRESENT OPERATION:		8.77 DFS / No Inspections, No Incidents / Currently running wireline to clean out obstruction in drill string.																																	
OPERATION FORECAST:		Clean out obstruction in drill string, run string shot and back off 1 joint below overshot, trip out of hole with screw in sub and retrieve fish.																																	
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 I																					
PUMP #		MANU				LINER		STROKE		PRESSURE		GPM				CUM. FT																			
1		GARDENER-DENVER				6.500		11								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		B		R		G		T					
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		PRODUCT		AMOUNT		PRODUCT		AMOUNT																	
NP-Myacide 5 gal				NP-Soda Ash				NP-Lime				NP-Aluminum Triste.																							
NP-NewZan D		6.00		NP-DynaDet E				NP-AquaPak				NP-NewPac LV																							
NP-NewPHPA				NP-NewGel Ton				NP-Sodium Bicarboi				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		5.00		NP-NewWate 100 lb				Corrosion Ring																							
NP-NewGel HY				Dewater-Alcomer 24				Dewater-Calcium Ni				Dewater-Aluminum !																							
Third Party Trucking		1,265.00		NP-Rail Guppy Rent				Engineering (24 Hr s		1.00		Tax																							
MUD DATA																																			
MUD TYPE		WATER BASED MUD		MW		10.05		VISC		51.00		ECD				PV/YP		16.0/17.0		API WL		6.0		HTHP											
GELS (7.0/13.0)				SOLIDS ( 9.75 ( % )				LGS 6.56 ( % )				SAND 0.20 ( % )				OIL ( % )				MBT 17.5				LIME											
pH 10.90		Pm 1.00		Pf 0.20		Mf 0.60		Cl- 1300		Ca+				K+				POLYMER				0.00													
CaCl2				ES				HGS 3.12 ( % )				Filter Cake 2.0 (32nd" )				WTR				OIL				LCM IN				0.0							
CHECK DEPTH 10,082				FL TEMP 71.00				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													
		8		322.62																															
Accelerator		0		13.02														6.25		2.25															
Heavy Weight Drill Pipe		1		279.38														6.25		3.00															
Hydraulic Jar-F		2		12.93														6.25		2.25															
Bumper Sub		3		10.49														6.25		2.25															
Clutch Sub		4		6.80		Overshot												8.00		7.00															
		7		322.19																															
Accelerator		0		13.02														6.25		2.25															
Heavy Weight Drill Pipe		1		279.38														6.25		3.00															
Hydraulic Jar-F		2		12.93														6.25		2.25															
Bumper Sub		3		8.62														6.25		2.25															
Cross Over		4		1.87														7.38		3.25															
Washover Sub		5		2.40														6.25		2.25															
Circulating String		6		3.97		Mill washover sub												8.00		7.00															
BHA HRS 0.00				MTR HRS 0.00																															
JAR HRS				MWD Hrs 0.00																															
OPERATIONS (00:00)																																			
OPERATION COMMENT						Make up wash pipe assembly and trip in hole, wash over 93' of fish, trip out of hole and make up overshot assembly, trip in hole and latch on fish, run wireline to clear obstruction in drill string.																													
FROM	TO	MD from	MD to	CODE	CLASS	OPERATIONS																													
00:00	02:00			06	U	Make up 93' of wash pipe, new bumper sub, jars, 3 stands HWT and new intensifier.																													
02:00	03:00			06	U	Trip in hole, tag top of fish at 1,360', (clean out obstruction at 1,264' while tripping in).																													
03:00	03:30			19	U	Wash over fish from 1,360' to 1,454', 30 rpm, 2-3k trq, 450 gpm, no obstructions encountered.																													
03:30	04:00			05	U	Circulate bottoms up.																													
04:00	05:00			06	U	Trip out of hole from 1,454' to surface.																													
05:00	07:30			06	U	LH/D intensifier, jars, bumper sub, wash pipe, & wash over mill sub. IP/U overshot assembly, torque up LH/D to be welded.																													
07:30	09:30			21	U	Wait on welder.																													
09:30	10:30			06	U	M/U overshot assembly.																													
10:30	11:00			06	U	TIH full stands.																													
11:00	12:30			19	U	Latch onto fish @ 1,360', pull test, torque test.																													
12:30	13:30			11	U	R/U wireline tools.																													

OPERATIONS (00:00)									
OPERATION COMMENT				Make up wash pipe assembly and trip in hole, wash over 93' of fish, trip out of hole and make up overshot assembly, trip in hole and latch on fish, run wireline to clear obstruction in drill string.					
FROM	TO	MD from	MD to	CODE	CLASS	OPERATIONS			
13:30	00:00			11	U	Run in hole with sinker bar and collar locator, tag obstruction in drill string at 1,393', (9' below overshot). Make continuous runs with different sinker bar configurations , attempt to circulate through drill string numerous times with no success, deepest depth achieved 1,409', 25' below overshot and 9' from tool joint, (wireline measurement).			
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									