

Terra Energy Partners																															
Piceance Daily Drilling Report																															
WELL NAME:	RG 13-7-297		AFE #:	220092		AFE \$:	1,586,444		LANDING PNT	102(ft)		REPORT#:	1		DATE:	8/27/2022															
FIELD:	RYAN GULCH		SIDETRACK:	00		DAILY COST \$:	166,608		LATERAL SEC:			DFS:	0.69																		
EVENT:	DRILLING		LOCATION:			CUM COST \$:	166,608		TD (MD):	1,447.0		LITHOLOGY:																			
OBJECTIVE:	DEVELOPMENT		CTY,ST:	RIO BLANCO,COLORADO		DAILY MUD	3,019		TD (TVD):	1,439.9		FORMATION:																			
ENGINEER:	Dustin Childers		ROT HRS:	0.0		CUM MUD	3,019		SPUD DATE::	8/27/2022		RIG FUEL USED:		1,939																	
TODAY'S DEPTH:		1,447 (ft)		CUM ROT:		0.00		+/- PLAN:				RR DATE :				CUM FUEL USED:		1,939													
PREV. DEPTH:		(ft)				RIG::		Cartel/X15				SUPERVISOR:		Craig Borgstede																	
PROGRESS:		1,447 (ft)		WEATHER:								SUPERVISOR PH. #:		601-757-1737																	
PRESENT OPERATION:		0.94 DFS. Pumping Surface Cement Job.																													
OPERATION FORECAST:		Cut casing. Prep and skid to the RG 512-7-297. Spud and drill Surface section.																													
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:				BIT RECORD																				
LAST CASING:		20.000(in)		ST WT UP		31.0 PRESS		1,700.00		LOSS TIME (hrs):		0.00		BIT #		1		RPM		0											
DEPTH:		102(ft)		ST WT DN		29.0 RATE		800.0		LOSS TIME INC:		0.00		SIZE		17-1/2 (")		HHP		107.21											
LAST BOP:				ST WT ROT		30.0 DP AV				NEAR MISSES:		0.00		TYPE		SDi616		P BIT		228.08											
LOT EMW:				TQ ON BTM		12.0 DC AV				24 HR RIG DOWN:		0.00		JETS		9-15															
WEIGHT LB/FT:				TQ OFF BTM		10.0				CUM RIG DOWN		0.00		DEPTH IN		102.0 (ft)															
CONN:														DEPTH OUT		1,447															
PUMP DATA													DULL CONDITION																		
PUMP #		MANU		LINER		STROKE		PRESSURE		GPM																					
1		GARDENER-DENVER				11																									
2		GARDENER-DENVER				11		1,700.00		402.9																					
2		GARDENER-DENVER		6.000		11		1,700.00		402.9																					
SURVEY DATA																															
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS		I		O		D		L		B		R		G		T	
1,371.00		7.47		316.01		1,364.50		92.61		-75.09		118.55		0.08		1		1		CT		S		X		TD		I		1-1	
1,283.00		7.47		315.48		1,277.25		84.42		-67.11		107.34		0.74																	
1,196.00		7.87		319.26		1,191.03		75.87		-59.25		95.89		0.91																	
1,109.00		7.08		319.61		1,104.77		67.28		-51.89		84.68		0.99																	
1,021.00		7.43		313.28		1,017.47		59.25		-44.23		73.77		1.43																	
MUD ADDITIVES																															
PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT																	
Third Party Trucking				NP-Lime		3.00		NP-NewZan D		15.00		NP-NewPHPA		5.00																	
NP-Sodium Bicarb		1.00		NP-DynaDet E				NP-Walnut Shell M		23.00		DES-SAPP Sticks																			
NP-Super Sweep Fil				NP-SAPP				NP-NewGel HY		82.00		NP-NewWate 100 lb																			
NP-Soda Ash				NP-Gypsum				Tax		96.87		Engineering (Drive-E		1.00																	
MUD DATA																															
MUD TYPE		WATER BASED MUD		MW		9.20		VISC		36.00		ECD		PV/YP		8.0/10.0		API WL		44.0		HTHP									
GELS (4.0/6.0				SOLIDS (5.00 (%))				LGS (%)				SAND		1.25 (%))		OIL (%)		MBT		20.0		LIME									
pH 8.00		Pm 0.05		Pf 0.05				Mf 0.30		Cl- 500		Ca+				K+		POLYMER		0.00											
CaCl2				ES				HGS (%)				Filter Cake 4.0 (32nd")		WTR				OIL				LCM IN									
CHECK DEPTH		1,410		FL TEMP 77.00				HOLE VOL		0.00		PIT VOL		CLOM (ppm)				DISEL				LCM OUT									
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									
		1		394.05		1,345.00				31.00		29.00		30.0		12.0															
Polycrystalline Diamond Bit		0		1.50		PDC												17.50		0.00		7.63									
Bent Housing		1		30.82		9 5/8" Hybrid												10.25		0.00											
Shock Sub		2		9.34		Shock Sub												7.88		2.81		6.63									
Non-Mag Pony Collar		3		12.18		NMPC												7.63		3.25		6.63									
Non-Mag Drill Collar		4		26.50		NMDC												7.31		3.25		6.63									
Gap Sub		5		5.43		Gap Sub												7.88		3.25		6.63									
Cross Over		6		2.47		XO												8.00		3.25		4.25									
Drill Collar		7		29.15		DC												6.50		2.25		4.25									
Heavy Weight Drill Pipe		8		276.66		HWDP												4.50		2.75		4.25									
BHA HRS		12.63		MTR HRS		12.63																									
JAR HRS				MWD Hrs		12.63																									
OPERATIONS (00:00)																															
OPERATION COMMENT				Drilled Surface section to TD. TOO H. Ran casing to set depth. Pumped Surface cement job																											
FROM	TO	MD from	MD to	CODE	CLASS	OPERATIONS																									
05:00	05:30			01	P	Prep and skid over well center.																									
05:30	07:30			06	P	P/U 17 1/2" BHA Components F/ Surf T/102'.																									
07:30	21:00	102.00	1,447.00	02	P	Spud and Drill 17 1/2" hole section F/102' T/1447" - 1345'(100/hr) 800 gpm, 1700 psi, 30 rpm, 8-12k torque, 8-10k WOB. No losses																									
21:00	21:30			05	P	Pump 3-sweep cleanup cycle. Well static.																									
21:30	22:00			06	P	TOOH F/1447' T/1025'. Well taking proper hole fill.																									
22:00	22:30			08	T	Repair Top Drive. Well static.																									
22:30	23:00			06	P	TOOH F/1025' T/118'. Well taking proper hole fill.																									
23:00	00:00			06	P	TOOH with 17 1/2' BHA F/118' T/ Surf. Well taking proper hole fill.																									
24 HOUR SUMMARY																															
Current Position:																															
Above/Below Plan: 23.95' Above																															
Right/Left Plan: 12.67' Left																															

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Piceance Daily Drilling Report																							
WELL NAME:	RG 13-7-297	AFE #:	220092	AFE \$:	1,586,444	LANDING PNT	102(ft)	REPORT#:	2	DATE:	8/28/2022												
FIELD:	RYAN GULCH	SIDETRACK:	00	DAILY COST \$:	151,491	LATERAL SEC:		DFS:	0.98														
EVENT:	DRILLING	LOCATION:		CUM COST \$:	318,099	TD (MD):	1,447.0	LITHOLOGY:															
OBJECTIVE:	DEVELOPMENT	CTY,ST:	RIO BLANCO,COLORADO	DAILY MUD	0	TD (TVD):	1,439.9	FORMATION:															
ENGINEER:	Dustin Childers	ROT HRS:	0.0	CUM MUD	3,019	SPUD DATE::	8/27/2022	RIG FUEL USED:	1,393														
TODAY'S DEPTH:		1,447 (ft)	CUM ROT:	0.00	+/- PLAN:		RR DATE :		CUM FUEL USED:		3,332												
PREV. DEPTH:		1,447 (ft)				RIG::	Cartel/X15		SUPERVISOR:		Craig Borgstede												
PROGRESS:		(ft)	WEATHER:					SUPERVISOR PH. #:		601-757-1737													
PRESENT OPERATION:		0.98 DFS. No HSEs or Inspections. Rig released.																					
OPERATION FORECAST:		Prep and skid to the RG 512-7-297. Spud and drill Surface section.																					
CSG / WELL CONTROL		DRLG DATA				DOWNTIME:		BIT RECORD															
LAST CASING:	20.000(in)	ST WT UP		PRESS		LOSS TIME (hrs):	0.00	BIT #		RPM													
DEPTH:	102(ft)	ST WT DN		RATE		LOSS TIME INC:	0.00	SIZE		HHP													
LAST BOP:		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			11		900.00	402.9	CUM. HRS															
2	GARDENER-DENVER			11				ROP/Cum-ent															
2	GARDENER-DENVER		6.000	11			0.0	WOB	-														
SURVEY DATA							DULL CONDITION																
MD	INCL	AZIM	TVD	N/S(-)	E/W(-)	VS	DLS	I	O	D	L	B	R	G	T								
1,371.00	7.47	316.01	1,364.50	92.61	-75.09	118.55	0.08								-								
1,283.00	7.47	315.48	1,277.25	84.42	-67.11	107.34	0.74																
1,196.00	7.87	319.26	1,191.03	75.87	-59.25	95.89	0.91																
1,109.00	7.08	319.61	1,104.77	67.28	-51.89	84.68	0.99																
1,021.00	7.43	313.28	1,017.47	59.25	-44.23	73.77	1.43																
MUD ADDITIVES																							
PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT									
Third Party Trucking				NP-Lime				NP-NewZan D				NP-NewPHPA											
NP-Sodium Bicarb				NP-DynaDet E				NP-Walnut Shell M				DES-SAPP Sticks											
NP-Super Sweep Fil				NP-SAPP				NP-NewGel HY				NP-NewWate 100 lb											
NP-Soda Ash				NP-Gypsum				Tax				Engineering (Drive-E											
MUD DATA																							
MUD TYPE		WATER BASED MUD		MW		9.20		VISC		36.00		ECD		PV/YP 8.0/10.0		API WL 44.0		HTHP					
GELS (4.0/6.0				SOLIDS (5.00 (%)				LGS (%)				SAND 1.25 (%)				OIL (%)				MBT 20.0		LIME	
pH 8.00		Pm 0.05		Pf 0.05		Mf 0.30		Cl- 500		Ca+		K+		POLYMER				0.00					
CaCl2				ES				HGS (%)				Filter Cake 4.0 (32nd")				WTR				OIL		LCM IN	
CHECK DEPTH		1,410		FL TEMP 77.00		HOLE VOL				0.00		PIT VOL		CLOM (ppm)		DISEL		LCM OUT					
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											
		1	394.05																				
Polycrystalline Diamond Bit		0	1.50	PDC						17.50	0.00	7.63											
Bent Housing		1	30.82	9 5/8" Hybrid						10.25	0.00												
Shock Sub		2	9.34	Shock Sub						7.88	2.81	6.63											
Non-Mag Pony Collar		3	12.18	NMPC						7.63	3.25	6.63											
Non-Mag Drill Collar		4	26.50	NMDC						7.31	3.25	6.63											
Gap Sub		5	5.43	Gap Sub						7.88	3.25	6.63											
Cross Over		6	2.47	XO						8.00	3.25	4.25											
Drill Collar		7	29.15	DC						6.50	2.25	4.25											
Heavy Weight Drill Pipe		8	276.66	HWDP						4.50	2.75	4.25											
BHA HRS		0.00		MTR HRS		0.00																	
JAR HRS				MWD Hrs		0.00																	
OPERATIONS (00:00)																							
OPERATION COMMENT			Drilled Surface section to TD. TOOH. Ran casing to set depth. Pumped Surface cement job.																				
FROM	TO	MD from	MD to	CODE	CLASS	OPERATIONS																	
00:00	00:30			12	P	R/U casing equipment. Well static.																	
00:30	03:30			12	P	RUN 13 3/8" 54.5# J-55 BTC SURFACE CASING AS FOLLOWS: MADE UP 1 FLOAT SHOE, 1 JOINT OF 54.5# BTC AS SHOE JOINT AND 1 FLOAT COLLAR, 34 JOINTS OF 13 3/8" 54.5# J-55 BTC WITH THE LAST JOINT TO BE CUT OFF AT GROUND LEVEL FOR A TOTAL OF 35 JOINTS OF SURFACE CASING. SHOE DEPTH AT 1,417.00'. FLOAT COLLAR DEPTH AT 1425.37'. RUN CENTRALIZERS ON THE FIRST THREE JOINTS, THEN 1 CENTRALIZER EVERY FORTH JOINT THEREAFTER FOR A TOTAL OF 10 CENTRALIZERS. BOTTOM CENTRALIZER AT 1,438.00' AND TOP CENTRALIZER AT 122.08'. CEMENT BASKET AT 79.96'. CASING SET DEPTH 1,447.00'.																	
03:30	04:00			12	P	R/U cementing equipment. Well static.																	
04:00	06:00			12	P	CEMENT SURFACE CASING: TESTED LINES TO 3200 PSI, PUMPED 20 BBLS FRESHWATER SPACER, PUMPED PRIMARY 220.0 BBLS (531 SKS) OF VARICEM AT 12.3 PPG, 2.34 YLD, 13.42 GAL/SK LEAD CEMENT W/ 20% EXCESS. DROPPED PLUG, DISPLACED WITH 220 BBLS OF FRESHWATER W/ 534 PSI LIFT AT 2 BPM. BUMPED PLUG TO 1110 PSI. FLOATS HELD. HAD FULL RETURNS THROUGHOUT JOB, 35 BBLS OF CEMENT BACK TO SURFACE.																	
06:00	06:30			21	P	Perform casing test 1100 psi (1500 psi downhole equivalent).																	
06:30	07:00			12	P	R/D cementing equipment. Cut casing 1" below ground level.																	
07:00	07:00			28	P	Release rig.																	
24 HOUR SUMMARY																							
Current Position: Above/Below Plan: 23.95' Above Right/Left Plan: 12.67' Left																							