

RPT DATE: 12/22/2020
RPT NUM.: 64
RIG: Frontier Rig 16

HRS DRLG:

NEXT BOP TEST: 1/15/21

TVD

Conductor	20.00	54	A53B	130	130
Surface	13.38	68	L-80	1,629	1,629
Intermediate	9.63	40	HCL-80	5,110	5,109

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)				PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
17:00	9.0	38.0	11.0	10.5	1	4	8	12	13	7	1,400		2.00	3.80				3.60	

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
43	8.75	CCI	Core 713	3409-01		1.052	N	10,955						
42	8.75	Reed Hycalog	PDC				Y	0						

BIT NO. 23 INNER: 0 OUTER: 1 DULL: WC LOC: S SEAL: GAUGE: Y OTHER: DULL CUT RP: TD

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	BOMCO	1600	6.000	12.000					95					
2	BOMCO	1600	6.000	12.000	79	4250	315	5.25	95	9.46	308	475	130.1	

[illegible]

HRS. ON JARS:

TORQUE:

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
10,316	63.32	108.30	8,310	-904.3	3,329.4	3,450.0	1.0	
10,411	64.68	105.97	8,351	-929.4	3,411.0	3,535.3	2.6	
10,505	64.86	105.02	8,392	-952.1	3,492.9	3,620.3	0.9	
10,604	68.46	103.44	8,431	-974.4	3,581.0	3,711.2	3.9	

DAILY ON HAND (gal)

Fuel	7,502	4,909	11,057
Potable Water	4,400	2,500	2,800

FROM	TO	HRS	PHASE	CODE	NPT	OPERATIONS
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06:00	19:30	13.5				Start clean out well bore at 9,350' to 10,955' , rotary 40 to 65, GPM 660 Torque 10,000 to 16,000' stalls out 9,505', 9,525,' and 9,590' rework until clearer Pump high viscosity sweeps every 200', recover fine granite
19:30	20:30	1.0	Production Drilling	Reaming		Circulate Pump high viscosity sweeps recover fine granite
20:30	22:00	1.5	Production Drilling	Cond Mud & Circ		Trip out of hole to 7,350'
22:00	23:00	1.0	Production Drilling	Trips		Circulate Pump high viscosity sweeps recover fine granite
23:00	02:30	3.5	Production Drilling	Cond Mud & Circ		Trip out of hole
02:30	03:30	1.0	Production Drilling	Trips		Lay down clean out BHA # 46
03:30	05:00	1.5	Production Drilling	Trips		Pick up Core BHA # 47
05:00	06:00	1.0	Production Drilling			Trip in hole with core BHA # 47
	TOTAL HRS	24.0				

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