DAILY DRILLING REPORT

RPT DATE: 01/02/2021
RPT NUM.: 75
RIG: Frontier Rig 16

WELL/JOB INFORMATION

WELL NAME: FORGE 16A [78]-32
JOB: Drilling 65° Tangent
RIG SUPERV: Leroy S, , Paul S, Duane W, Virgil W.
FIELD:
LEASE:
RIG PHONE: 281-854-6858
AFE #:
API #:
EMAIL:
CONTRACTOR: Frontier Drilling
ELEVATION: 5415.1
RKB:
SPUD DATE: 10/30/2020
DFS: 64
DOL: 74
MD: 10987
24 HR FTG:
HRS DRLG:
PRESENT OPERATIONS: CIRCULATING FOR TEMPERATURE
ACTIVITY PLANNED: CEMENT 7" CASING, NIPPLE DOWN BOPE, INSTALL WELLHEAD, NIPPLE UP BOPE ON 7" AND TEST

BOP

LAST BOP TEST:	12/16/20	LAST BOP DRILL:	12/16/20	NEXT BOP TEST:	1/15/21

CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	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
Production					

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)			PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
17:00	9.0	40.0	11.0	10.0	1	5	8	12	18	7	1,400		1.50	3.70			3.60	

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
48	8.75	Schlumberger	PDC Logging				N	10,987	10,987					
47	8.75	Ulterra	CF613 PDC	45992	3x14, 3x13	0.840	Y	10,987	10,987		8.0			

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

PUMPS

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	75	2660	325	5.4	95	9.64	308	475	130.1	

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-Schlumberger Logging	8.75		1.5					
2	Sub-Bit Sub with Float	6.5	3.13	5.2					

DESCRIPTION: Logging BHA # 53
LENGTH: 6.70 BHA WT. AIR: BHA WT. MUD: HRS. ON JARS:
ROT. WT.: P.U. WT.: S.O. WT.: TORQUE:

SURVEY DATA

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

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		3,949	7,542
Potable Water			2,800

TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	OPERATIONS
06:00	07:30	1.5	Production Drilling	Other		Pre tour safety meeting Break off bottom sub an liner hanger. Located setting ball in ball catch.
07:30	10:30	3.0	Production Drilling	Other		Break off and lay down liner hanger assembly Attempted to drift liner hanger. Did not drift
10:30	18:30	8.0	Production Drilling	Run Csg & Cement		Rig up and run 7" casing from 5,933' to 10,780' 229 total joints run in well Pick up landing collar and space out
18:30	19:30	1.0	Production Drilling	Run Csg & Cement		Rig down casing tools Install cement head
19:30	06:00	10.5	Production Drilling	Cond Mud & Circ		Circulate for temperature
	TOTAL HRS	24.0				