DAILY DRILLING REPORT

RPT DATE: 12/02/2020
RPT NUM.: 44
RIG: Frontier Rig 16

WELL/JOB INFORMATION

WELL NAME:	FORGE 16A [78]-32	JOB:	Drilling 65° Tangent	RIG SUPERV:	Paul S, Bob F, Duane W
FIELD:		LEASE:		RIG PHONE:	281-854-6858
AFE #:		API #:		EMAIL:	
CONTRACTOR:	Frontier Drilling	ELEVATION:	5415.1	RKB:	
SPUD DATE:	10/30/2020	DFS:	33	DOL:	43
MD/TVD:	7390	24 HR FTG:		HRS DRLG:	

PRESENT OPERATIONS: LOGGING WELL

ACTIVITY PLANNED: COMPLETE LOGGING OPERATIONS. PICK UP PACKER TO EXTENDED LEAK OFF TESTS

BOP

LAST BOP TEST:	11/14/20	LAST BOP DRILL:	11/29/20	NEXT BOP TEST:	12/14/20

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

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)			PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
19:00	9.0	41.0	8.0	11.0	1	7	12	25	16	13	1,500		0.90	2.00	40		3.70	

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
26	8.75	REED RR	FTKC63-01	A276121	3x14, 3x13	0.840	Y	7,390	7,390					
25	8.75	REED RR	PDC	FTKC63-01	3x14, 3x13	0.840	Y	7,390	7,390					

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
2	BOMCO	1600	6.000	12.000	70	3380	275		95	9.73	308	475	130.1	
3	BOMCO	1600	6.000	12.000	70	3250	275		95	9.73	308	475	130.1	

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-Drill Bit	8.75		0.85					
2	Sub-Bit sub 4 1/2 REG x 4 1/2" IF with Flo	8.63		2.82					
3	Drill Pipe-HVY WT DP	5	33	1384.33					

DESCRIPTION: Cooling BHA BHA 26

LENGTH:	1,388.00	BHA WT. AIR:	78,800	BHA WT. MUD:	61,700	HRS. ON JARS:	
ROT. WT.:	212,000	P.U. WT.:	214,000	S.O. WT.:	210,000	TORQUE:	3,500

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S COORDINATES	E/W	V. SECTION	DLS
7,225	62.81	103.86	6,990	-179.5	637.9	662.6	6.2
7,257	63.99	103.31	7,004	-186.2	665.7	691.2	4.0
7,289	64.63	103.96	7,018	-193.0	693.7	720.0	2.7
7,320	65.54	102.49	7,031	-199.4	721.1	748.1	5.2

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		1,735	7,153
Potable Water			900

TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	OPERATIONS
06:00	09:00	3.0	Production Drilling	Trips		Trip in hole with slick BHA # 25 for gyro survey
09:00	11:30	2.5	Production Drilling	Cond Mud & Circ		Circulate for temperature and pump down Gyro tool
11:30	16:30	5.0	Production Drilling	Trips		Trip out of hole with Gyro survey in place, Lay down Gyro tool
16:30	18:30	2.0	Production Drilling	Trips		Trip in hole with BHA # 26 to 5,254'
18:30	19:30	1.0	Production Drilling	Cut off Drill Line		Slip and Cut drill line
19:30	20:30	1.0	Production Drilling	Trips		Trip in hole with BHA #26 to bottom 7,390'
20:30	21:30	1.0	Production Drilling	Cond Mud & Circ		Circulate for for temperature, Pump dry pill
21:30	00:30	3.0	Production Drilling	Trips		Trip out of hole with BHA # 26
00:30	06:00	5.5	Production Drilling	Wire Line Logs		Rig up Schlumberger and run in hole with UBI log to 7,085' Logging
	TOTAL HRS	24.0				