

Proprietary & Confidential Info./Not Public

DAILY DRILLING REPORT

V. 2.8

DATE	WELL	OPERATOR	DRILLING CONTRACTOR		AFE	SUPERVISOR	
12/12/14	Federal 14-15-6-21	Coachman Energy, LLC	Frontier #28		EK21B009	R. Boyd Cottam	
DAYS FROM SPUD	PRESENT OPERATIONS		TOTAL DEPTH	PROGRESS	API#	LEGALS	SPUD DATE
9	Skid Rig		8,025		05-045-22454	21-6S-91W	12/3/14 @ 1000 hrs

MUD DATA

[illegible]

BIT DATA

BHT NO.	SIZE	MFG.	TYPE	IAD CODE	SERIAL NO.	JETS (1/32nd")					IN	OUT	FOOTAGE	HOURS	ROP	MTR y/n	RPM ROT+MTR	WOB	DULL CONDITION		
						T	B	G													
1	13.50	RMB	S117		404847	18	18	18	22		124	389	265	6.50	40.8	y	160	28	3	X	1
2	13.50	SEC	MM 66		12243393	12	12	12	12	12	389	1540	1151	14.00	82.2	y	173	25	1	X	1
3	8.75	Smith	Mdi 519		JH 4723	16	16	16	16	16	1540	7085	5345	40.50	132.0	y	24	24	3	x	i
4	8.75	Smith	Mdsi 613		J11485	18	18	18	18	18	7085	8025	940	18.00	52.2	y	135	26	3	x	in

HYDRAULICS

[illegible]

SLOW PUMP

[illegible]

DRILL STRING

BOTTOMHOLE ASSEMBLY	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHOLOGY	RIG INFO	
				Williams Fork	4,635	4,585	SD/SH/ LS	Rig Phone:	307-212-4748
				TOG	5,110	5,060	SD/SH/ LS	CoMan Phone:	432-312-5195
				Rollins	7,884			E-mail:	luytadrlg1@gmail.co
				GAS DATA					
				BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS	Last BOP Test	5-Dec
								Safety Meeting	6-Dec
				Mud Motor				BOP Drill	
					In		Out	Operate Pipe Rams	5-Dec
					Hrs		Ftg	Operate Blind Rams	5-Dec
30-HWDP					SPP		Diff	Operate Annular	5-Dec
DRILL PIPE				MISC.				LAST CASING SIZE & DEPTH	
TOTAL								4 1/2" @ 7969'	

GEOLOGIC

BOTTOMHOLE ASSEMBLY	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHOLOGY	RIG INFO	
				Williams Fork	4,635	4,585	SD/SH/ LS	Rig Phone:	307-212-4748
				TOG	5,110	5,060	SD/SH/ LS	CoMan Phone:	432-312-5195
				Rollins	7,884			E-mail:	luytadrlg1@gmail.co
				GAS DATA					
				BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS	Last BOP Test	5-Dec
								Safety Meeting	6-Dec
				Mud Motor				BOP Drill	
					In		Out	Operate Pipe Rams	5-Dec
					Hrs		Ftg	Operate Blind Rams	5-Dec
30-HWDP					SPP		Diff	Operate Annular	5-Dec
DRILL PIPE				MISC.				LAST CASING SIZE & DEPTH	
TOTAL								4 1/2" @ 7969'	

GENERAL INFO

BOTTOMHOLE ASSEMBLY	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHOLOGY	RIG INFO	
				Williams Fork	4,635	4,585	SD/SH/ LS	Rig Phone:	307-212-4748
				TOG	5,110	5,060	SD/SH/ LS	CoMan Phone:	432-312-5195
				Rollins	7,884			E-mail:	luytadrlg1@gmail.co
				GAS DATA					
				BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS	Last BOP Test	5-Dec
								Safety Meeting	6-Dec
				Mud Motor				BOP Drill	
					In		Out	Operate Pipe Rams	5-Dec
					Hrs		Ftg	Operate Blind Rams	5-Dec
30-HWDP					SPP		Diff	Operate Annular	5-Dec
DRILL PIPE				MISC.				LAST CASING SIZE & DEPTH	
TOTAL								4 1/2" @ 7969'	

[illegible]

DAILY ACTIVITY

[illegible]

COST DATA - THE BELOW DATA AUTOMATICALLY PULLS FROM THE COST SHEET- DO NOT MODIFY

DAILY MUD \$		#VALUE!	DAILY DRILLING COST \$		#VALUE!
CUM MUD \$		#VALUE!	CUM DRILLING COST \$		#VALUE!