

PATTERSON-UTI DRILLING COMPANY MORNING REPORT DATE 20120306 RIG NO. 166 JOB TYPE WATER JOB NO. 18769 WELL TYPE V

WELLNAME: RMCCS STATE #1 LEGAL DESCRIPTION: SW SEC 34, T006N, R09W SPUD DATE / TIME: 01-15-12 05:00 DAYS FR SPUD: 51 PROJECTED TD: 10400
 OPERATOR: SCHLUMBERGER CARBON SERVICES COUNTY / PARISH: Moffat STATE: CO JOB START DATE: 01-08-12 06:00 DAYS ON JOB: 58 EST. RELEASE: 0
 RIG MANAGER: ROBERT BEAM RIG PHONE NUMBER: 970 397 2916 OPERATORS REPRESENTATIVE: PAUL T HUGHES JR. CO. MAN PH NO.: 832 715 9060 RELEASE DATE / TIME: WEATHER: 31 COLD

OPERATIONS @ REPORT TIME: TRIP IN HOLE TO PLUG OPERATIONS NEXT 24 HRS: CIRC, CMT PLUGS

COGCC Document No. 2056034
 Received 12/19/2014

ACCIDENTS OR NEAR MISSES: NONE	# OF JSA's 10	RIG SAFETY DAYS 558	SAFETY RATE	G.P.S. COORDINATES N 40.4274 W -107.59	BOP TEST DATE / PRESSURE 2/17/2012 / 3000
SAFETY MEETING TOPICS REVIEW JRS	# STOP CARDS 0	LAST MEETING DATE TOURLY	CROWN-O-MATIC CHECKED TOURLY	BOP DRILL DATE / TIME MAR 1 / DAYS	
LAST INSPECTION 2/8/12	INSPECTION BY / TITLE J. STOLZ	CREW M / U 5 / 5	EXTRA CREWS / WHY?	OFFICE NOTIFIED	MANHOURS PAST 24 173.00
			BOP DRILL DATE / TIME FEB 22 / MORN.		

CURRENT DEPTH 9745	FOOTAGE LAST 24 0	PEN. RATE 0.0	ROT. HRS 0	MAX. GAS 0	BCKGR GAS 0	CONN. GAS 0	TRIP GAS 0	LAST CASING SIZE & SET DEPTH 9.625 5388		RIG COSTS					
HOOKLOAD 0	PICKUP WEIGHT 0	SLACKOFF 0	ROTATING 0	ROTARY TORQUE 0	NEXT CASING SIZE & SET DEPTH		DAILY	S & R	RENTAL						
Time 1700	Mud Wt IN / OUT CEMENTING	Funnel Vis 0	PV 0	YLD PT 0	10 S GEL 0	10 M GEL 0	FI. Loss 0	FILT CK 0	HHP FL 0	HHP FC 0	FUEL ADDED TO MUD TODAY 0.00 CUM. 0.00		AVERAGE	687.05	69.05
Mud Type WATER / SWEEPS	% SOLIDS 0	% LCM 0	% SAND 0	% OIL 0	% H2O 0	pH 0	MF 0	PF 0	CALCIUM 0	CHLORIDES 0	MUD COSTS DAILY CUM. 0.00		CUMULATIVE	4122.27	4350.00
CENTRIFUGES MI SWACO	SHAKER TYPE BRANDT		SCREENS 220/280		CHANGED 00000000	WATER SOURCE 0		CUMULATIVE DAYS	6.0	63.0					

FROM	TO	HRS	CODE	DETAILS OF OPERATIONS IN SEQUENCE										TIME BREAKDOWN		(Today / Well)		
		0.0		DAILY WIRE ROPE AND LIFTING CABLE SYSTEMS INSP COMP										1: RIG UP / DOWN		188.0		
0600	0630	0.5	6	TIH D-MAN T.O. 100%,COM CK,INTERCOM WORKING										2: DRILLING		436.5		
0630	0730	1.0	5	CONDITION MUD & CIRCULATE										3: REAMING		8.5		
0730	0800	0.5	7	LUBRICATE RIG										4: CORING		127.0		
0800	1300	5.0	5	CONDITION MUD & CIRCULATE										5: COND. & CIRC	8.75	101.75		
1300	1430	1.5	12	CEMENT FIRST PLUG W/33.4 BBLs. 163 SX. 15.8#										6: TRIPS	8.25	242.25		
1430	1500	0.5	6	TOH 6 STANDS D-MAN T.O. 100%,INTERCOM WORKING,COM SET TO TRIP										7: LUBRICATE RIG	0.5	29.5		
1500	1600	1.0	5	CONDITION MUD & CIRCULATE										8: REPAIR RIG				
1600	1630	0.5	21	L.D. 20 JNTS. D.P.										9: C/O DRILL LINE		6.5		
1630	1730	1.0	12	RIG UP AND CEMENT W/43 BBLs. 239 SX. 15.6#										10: DEVIATION		12.0		
1730	1800	0.5	6	TOH 8 STANDS D-MAN T.O. 100%										11: WIRELINE LOG		76.0		
1800	1900	1.0	5	CONDITION MUD & CIRCULATE										12: RUN CSG & CMNT	4.0	35.5		
1900	2030	1.5	6	TRIPS/LD 36 JTS/TIH 5 STDS/LD 15 JTS										13: WAIT ON CEMENT				
2030	2115	0.75	12	CEMENT W/ 32BBLs 174 SX 15.6#										14: NIPPLE UP BOP		40.25		
2115	2145	0.5	6	TRIPS/POOH 6 STDS										15: TEST BOP		23.75		
2145	2215	0.5	5	CONDITION MUD & CIRCULATE										16: DRILL STEM TEST				
2215	0100	2.75	6	TRIPS/LD DP										17: PLUGBACK				
0100	0200	1.0	21	RIG DOWN LD TRUCK										18: SQUEEZE CMNT				
0200	0300	1.0	21	PERF CASING W/WIRELINE TRUCK										19: FISHING				
0300	0415	1.25	6	TRIPS/TIH W/ RETAINER										20: DIR. WORK		20.5		
0415	0500	0.75	12	CEMENT W/57 SX 11.7 BBL 15.8 PPG											2.5	68.0		
0500	0530	0.5	6	TRIPS/POOH 4 STDS														
0530	0545	0.25	5	CONDITION MUD & CIRCULATE										OTHER		0.0		
0545	0600	0.25	6	TRIPS/POOH										Total Hours	24.0	1416.0		

BIT#	SIZE	TYPE	MAKE	SERIAL #	NOZZLES	IN @	OUT @	DRILLED	HRS	CUM. HRS	CONDITION	R O P
										0.00		
										0.00		
										0.00		
										0.00		

Depth	GPM	PRESSURE	Pump 1	Pump 2	Pump 3	Pump 4	TYPE	STROKE	Manufacturer	HRS	Total HRS	MAX PSI	SPR Kill Rate	KILL (SPM)
9745 - 9745	420	830	Liner 5.5 SPM	Liner 5.5 SPM	Liner 0 SPM	Liner 0 SPM	Pump 1 1600	12	BOMCO	0	0.00	3900	61	513
							Pump 2 1600	12	BOMCO	0	0.00	3900	61	466
							Pump 3				0.00			
							Pump 4				0.00			

SIZE	WEIGHT	GRADE	I.D.	TJ O.D.	THREAD	# JNTS	LENGTH	IN HOLE	ON RACK	REPAIRS	DRILL STRING REMARKS
4.5	16.6	G-105	3.8	6.25-6.0625	X-H - NC 46	322		273	49	0	

LOCATION	DW 1	DW 2	MP 1	MP 2	LP 1	LP 2	0	0	NO.	DRILLING ASSEMBLY (BHA)	O.D.	I.D.	LENGTH	DEVIATION SURVEYS		
Co. No.														DEPTH	INCL	AZM
HRS TODAY	24	24	0	8	0	24	0	0						0	0	0
HRS ON WELL	1076	1076	846	958	216	974	0	0								
HRS LAST CHGE	156	156	1138	1110	24	180	0	0								
AVERAGE KVA																

DELIVERED TODAY	On Hand	Used Today	Used This Well	Fuel Brand	DISTRIBUTOR	BOILER	HOURS	FUEL USED
	5700.00	1100.00	76198.00	RED	WESTERN PETRO.		24	
							1239.0	0.00
							0	
							0	

SERIAL #	HRS LAST	TOTAL HRS	CUM. WELL HRS	FOOTAGE LAST 24	TOTAL FOOTAGE
0	24				

DESCRIPTION	DAY RT	STDBY	HRLY
	0	0	0

DIRECTIONS TO	
DRILL PIPE	STANDS SINGLES
KELLY DOWN	
TOTAL	
WT of COLLARS / DRILLSTRING	
HOURS SINCE LAST INSPECTION	445.0

REPORT REMARKS		DEPTH DRILLED		
Uriah J Deal	5 HANDS OPERATOR REQUESTED	FROM	TO	W.O.B.
Uriah J Deal	BOILER RAN 12 HRS.			
Daniel C Ryan	HELD PRE AND POST TOUR SAFETY MEETINGS	9745	9745	0
Daniel C Ryan	CHRIS FARMER AT HOME WITH FAMILY EMERGENCY/BOILER RAN 12 HRS	9745	9745	0
Daniel C Ryan	CAMP WATER-1/2 RIG WATER-1/4			
Daniel C Ryan	CAMP FUEL-1/3 RIG FUEL- 41 IN, 5700 GAL			