

# CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT		DATE 14-MAR-14	F.R. # 10011052294	SERV. SUPV. STEPHEN J CARDOS											
LEASE & WELL NAME MCCARTY #28-4 - API 05123129470000		LOCATION 28-4N-67W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Plug & Abandon											
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS											
N/A		N/A		MD	TVD										
				0	0										
				HANGER TYPES											
				MD	TVD										
				0	0										
PHYSICAL SLURRY PROPERTIES															
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER						
Fresh Water			0	8.34	0	0	03:30	31.57	—						
Treated Water			0	8.3	0	0	00:00	10	—						
Plug 1			50	15.8	1.15	4.99	04:00	10.23	5.94						
Treated Water			0	8.3	0	0	00:00	10	—						
Plug 2			175	13.5	1.71	8.29	00:00	53.39	34.55						
Fresh Water			0	8.3	0	0	00:00	3.83	—						
Treated Water			0	8.3	0	0	00:00	10	—						
Plug 3			600	15.8	1.16	5.01	00:00	124.44	71.52						
Fresh Water			0	8.3	0	0	00:00	0	—						
MudClean I			0	8.34	0	0	00:00	10	—						
Treated Water			0	8.34	0	0	00:00	5	—						
Available Mix Water		400 Bbl.	Available Displ. Fluid		400 Bbl.	TOTAL		268.45	112.02						
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
			4.052	4.5	10.5	CSG	—	—	N-80	—	—	—			
			2.441	2.875	6.5	TBG	5785	—	N-80	—	—	—			
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID				
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8.1	8.63	24	CSG	415	415	NO PACKER		0	0	0	2.875	8RND	WATER BASED	8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.		SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
35.9	BBLS	Fresh Water		8.34	0	0		0	8456	1000	0	0	TANKER TRUCK		
		Fresh Water		8.3											
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 2 BPM							
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0			
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>				Units: 0				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
Displacement And Mud Removal															
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1 BBLS											
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL											
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES											
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE															
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 0				Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID							
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD															
Plugs															
Number of Attempts by BJ: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:							
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES											
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 0 FT							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE															

# CEMENT JOB REPORT



## Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE	<input type="checkbox"/>	SHOE SQUEEZE	<input type="checkbox"/>	TOP OF LINER SQUEEZE	<input type="checkbox"/>	PLANNED	<input type="checkbox"/>	UNPLANNED	<input type="checkbox"/>
Liner Packer:	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES	Bond Log:	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES	PSI Applied: 0	Fluid Weight: 0 LBS/GAL		

## Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
NONE

### PRESSURE/RATE DETAIL

### EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3414 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:45	0	0	0	0	N/A	LEAVE YARD	
07:30	0	0	0	0	N/A	ARRIVE ON LOCATION	
07:40	0	0	0	0	N/A	SPOT TRUCKS	
07:45	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
08:40	0	0	0	0	N/A	SAFETY MEETING	
08:46	3414	0	0	0	H2O	PRESSURE TEST	
08:52	303	0	1.8	13	H2O	CLAY SPACER	
08:58	127	0	2.4	9	CMT	BATCH/WEIGH/PUMP 15.8 LB CEMENT	
09:06	76	0	1.1	29	H2O	DISPLACEMENT	
09:20	0	0	0	0	N/A	PULL TUBING	
10:09	203	0	1.7	14	H2O	CLAY SPACER	
10:17	177	0	2.2	54	CMT	BATCH/PUMP/WEIGH 13.5LB CEMENT	
10:45	51	0	3	23	CMT	DISPLACEMENT	
10:47	0	0	0	0	N/A	PULL TUBING	
12:14	51	0	1.9	10	H2O	CLAY SPACER	
12:18	48	0	2.8	10	H2O	MUD CLEAN SPACER	
12:22	51	0	2.8	5	H2O	FRESH WATER SPACER	
12:24	177	0	3.2	86	CMT	BATCH/WEIGH/PUMP 15.8 LB CEMENT	
12:56	172	0	3.2	2	H2O	DISPLACEMENT	
12:58	0	0	0	0	N/A	PULL TUBING	
13:17	85	0	1	2	CMT	PUMP CEMENT/TOP OUT	
13:21	0	0	0	0	N/A	DOWN / WASH UP	
13:32	0	0	0	0	N/A	JOB DONE	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		256	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



Baker Hughes JobMaster Program Version 3.60

Job Number: 10011052294

Customer: PDC

Well Name: MCCARTY 28-4

