

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 24-MAR-12	F.R. # 1001897360		SERV. SUPV. LANCE N WEBB									
LEASE & WELL NAME BOULTER #2-2-27 - API 05123335170000			LOCATION 27-5N-65W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton			DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD								
Cement Plug, Rubber, Top 4-1/2 in		Centralizer, with Pins, 4-1/2 in												
		Float Collar, Auto Fill, 4-1/2 - 8rd												
		Guide Shoe, Cement Nose, 4-1/2 in												
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES										
				LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
ClayCare Water				0	8.34	0	0	00:00	20					
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF				0	260	14.6	1.38	5.90	02:30	64	36.58			
ClayCare Water				0	8.34	0	0	00:00	110.82					
Mud Clean II				0	8.5	0	0	00:00	20					
ClayCare Water				0	8.34	0	0	00:00	20					
PL+.6%SMS+8#/skCSE2				0	285	11	3.22	19.86	03:30	163	134.56			
Available Mix Water		250	Bbl.	Available Displ. Fluid		150	Bbl.	TOTAL		397.82	171.14			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
7.875	0	7186	4	4.5	11.6	CSG	7129	7129	N-80	7129	7116	0		
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	570	570	NO PACKER		0	0	0	4.5	8RD	WATER BASED	9.4
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				
110.8	BBLS	ClayCare Water	8.34	1100	0	0	0	0	6224	4000	RIG			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 1 BPM						
Mud Density In: 9.4 LBS/GAL				Mud Density Out: 9.4 LBS/GAL				PV & YP Mud In: 18		PV & YP Mud Out: 18				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 32				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" 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						
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						

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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	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 4923 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:30	0	0	0	0	NA	ARRIVE ON LOCATION RTS 1730 RIG RUNNING CSG	
18:00	0	0	0	0	NA	SPOT TRUCKS	
18:45	0	0	0	0	NA	SAFETY MEETING	
19:00	1752	0	0	0	H2O	LOW PSI TEST	
19:02	4923	0	0	0	H2O	HIGH PSI TEST	
19:04	525	0	7	20	H2O	H2O W/CLAY CARE	
19:09	525	0	7	20	H2O	MUD CLEAN 2	
19:13	575	0	7	20	H2O	H2O W/CLAY CARE	
19:19	612	0	7	163	CMT	BATCH/WEIGH/PUMP LEAD CMT @ 11PPG	
19:40	545	0	5	64	CMT	WEIGH/PUMP TAIL CMT @ 14.6 PPG	
19:54	0	0	0	0	H2O	SHUT DOWN DROP PLUG	
20:04	148	0	7	0	H2O	DISPLACEMENT	
20:14	525	0	5	70	H2O	CAUGHT CMT	
20:20	653	0	2.5	100	H2O	SLOWED RATE	
20:25	1882	0	0	110	H2O	BUMPED PLUG FLOAT HELD FINAL LIFT 1282	
21:00	0	0	0	0	NA	LEAVE LOCATION	

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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1100	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	397	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	