

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 01-MAY-12	F.R. # 1001905540		SERV. SUPV. CHRISTOPHER M MCKEON	
LEASE & WELL NAME JBL 34-44 - API 05123352650000		LOCATION 34-7N-67W		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	Cement Basket, Slip On, 4-1/2 in						
	Centralizer, with Pins, 4-1/2 in						
	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Float Shoe 4-1/2 - 8rd						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	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		290	14.6	1.38	5.90	02:30	71.27	40.73
ClayCare Water		0	8.34	0	0	00:00	118.27	
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		300	11	3.22	19.86	03:30	172.04	142.02
Available Mix Water 420 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		421.58		182.75

HOLE				TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	20	7649	4	4.5	11.6	CSG	7649	7518	N-80	7582	7569	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	501	500	NO PACKER	0	0	0	4.5	RND	WATER BASED	9.6

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					
117.8	BBLs	ClayCare Water	8.34	1141	0	0	0	0	6224	3000					RIG TANK

Circulation Prior to Job

Circulated Well: Rlg ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 6 BPM

Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rlg ☐ BJ ☒ Amount Bled Back After Job: 1 BBLs

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUAL

Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 30 Type: ☒ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ YES PSI Applied: 0 Fluid Weight: 0 LBS/GAL

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

CEMENT JOB REPORT



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	4792 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
04:00	0	0	0	0	N/A	ARRIVE AT LOCATION		
04:05	0	0	0	0	N/A	SPOT TRUCKS		
04:10	0	0	0	0	N/A	PRE RIG UP MEETING		
04:55	0	0	0	0	N/A	SAFETY MEETING		
05:07	4792	0	0	0	H2O	PRESSURE TEST		
05:11	530	0	6	20	CLAY	CLAY CARE SPACER		
05:14	656	0	6	20	H2O	MUD CLEAN SPACER		
05:20	659	0	6	20	CLAY	CLAY CARE SPACER		
05:25	286	0	6	167	CMT	BATCH WEIGH/PUMP 11.0 LB CMT		
05:53	227	0	0	71	CMT	PUMP 14.6 LB CMT		
06:08	0	0	0	0	H2O	DOWN/DROP PLUG		
06:16	98	0	7.2	80	H2O	DISPLACE		
06:28	575	0	6	20	H2O	DROP RATE		
06:30	852	0	4.8	10	H2O	DROP RATE		
06:32	952	0	2.4	7	H2O	DROP RATE		
06:37	1508	0	2.4	117	H2O	BUMP PLUG		
06:39	2410	0	0	0	N/A	TEST FLOATS		
06:40	0	0	0	0	N/A	RIG DOWN SAFETY MEETING		

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	1508	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	416	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	