

CEMENT JOB REPORT



CUSTOMER Kerr McGee Corp			DATE 09-MAY-11		F.R. # 1001798667		SERV. SUPV. JEFFREY A ANDERSON		
LEASE & WELL NAME DENVER #36-18 - API 05123326370000			LOCATION Sec.18 - T1N - R66W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Work-Over			TYPE OF JOB Squeeze-Hole			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ								
50:50 Poz:G + Adds		100	13.5	1.71	8.30	03:00	30.51	19.76
Fresh Water		0	8.34	0	0	00:00	30	
Claytreat Water		0	8.34	0	0	00:00	10	
Mud Clean II		0	8.34	0	0	00:00	10	
Fresh Water		0	8.34	0	0	00:00	5	
Class "G" + Adds		20	15.8	1.15	4.99	02:00	4.09	2.38
Fresh Water		0	8.34	0	0	00:00	27	
Fresh Water		0	8.34	0	0	00:00	2	
Class "G" + Adds		50	15.8	1.15	4.99	02:00	10.23	5.94
Available Mix Water 500 Bbl. Available Displ. Fluid 400 Bbl.							TOTAL	128.83 28.08

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
7.875	0	8300	4.5	11.6	CSG	8000	N-80			

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
				Cement Retainer	7950	7300	8000	2.375	8RD	KCL WATER	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	
31	BBLs	Fresh Water	8.34	0	1000	0	8960	4000	6224	4000	Frac Tank

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 0 Circulation Rate: 0 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 ☐ YES ☒ Units: 0 Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 0 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: 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: 1673 Fluid Weight: 8.34 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

CEMENT JOB REPORT



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)
 N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 Never got returns before cementing and was told to pump anyways.

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 N/A

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	5000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:50	0	0	0	0	N/A	Pre Rig Up Meeting	
13:15	0	0	0	0	N/A	Safety Meeting	
13:37	5003	0	0	0	WATER	Pressure Test	
13:42	2530	0	1.6	40	WATER	Fresh Water	
14:10	2530	0	1.6	10	WATER	Mud Clean II	
14:18	2580	0	1.6	10	WATER	Claytreat Water	
14:28	2380	0	1.4	29.5	CEMENT	Batch up and pump Lead Slurry 100 sks @ 13.5 PPG of POZ G + 0.4% FL-52 + 3% Bentonite + 0.1% Sodium Metasilicate + 20% Silica Flour + 82.4% Fresh Water	
14:50	625	0	1	8	CEMENT	Batch up and pump Tail Slurry 50 sks @ 15.8 PPG of G + 0.2% R-3 + 44.3% Fresh Water	
15:03	850	0	1.5	31	WATER	Displacement	
15:27	1828	0	3.5	120	WATER	Reverse Out	
16:10	0	0	0	0	N/A	Pull Tubing	
16:30	5087	0	0	0	WATER	Pressure Test	
16:33	200	0	1.1	5	WATER	Fresh Water	
16:39	149	0	.8	5	CEMENT	Batch up and pump 20 sks @ 15.8 PPG of G + 0.2% R-3 + 44.3% Fresh Water	
16:45	50	0	1.7	27	WATER	Displacement	
17:07	0	0	0	0	N/A	Pull Tubing	
17:30	1202	0	3.3	80	WATER	Reverse Out	
17:59	1653	0	.9	2	WATER	Squeeze	
18:30	0	0	0	0	N/A	Job Done	
18:35	0	0	0	0	N/A	Pre Rig Down Meeting	
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 367.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 



BJ Services JobMaster Program Version 3.50

Job Number: 1001798667

Customer: Kerr McGee

Well Name: Denver 36-18

