

CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.		DATE 05-MAR-11		F.R. # 1001770651		SERV. SUPV. JOHN R WUDARCZYK	
LEASE & WELL NAME LION CREEK #02-13H - API 05123326600000		LOCATION 13-11N-64W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # True #30		TYPE OF JOB Intermediate			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Float Shoe 7 - 8rd								
MATERIALS FURNISHED BY BJ										
Premium Lite Cement + additives				722	12.5	1.89	10.37	00:02	243.02	178.31
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8				150	13.5	1.71	8.30	04:59	45.68	29.60
10 bbls fresh water then used water				0	8.34	0	0	00:00	304.8	
Mud Clean I + Alpha-125				0	8.34	0	0	00:00	20	
Claytreat Water + Alpha-125				0	8.34	0	0	00:00	20	
Claytreat Water + Alpha-125				0	8.34	0	0	00:00	20	
Available Mix Water 700 Bbl. Available Displ. Fluid 460 Bbl.				TOTAL			653.50	207.91		

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.75	45	7793	7	23	CSG	7789		7789	7743	0

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	WGT.
9.625	36	CSG	1570	No Liner	0	0	0	7	8RD	10

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	
304.8	BBLS	10 bbls fresh water th	8.34	1758	0	0	0	0	5072	3000	RIG TANK

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 5 BPM

Mud Density In: 10 LBS/GAL Mud Density Out: 10 LBS/GAL PV & YP Mud In: 19 PV & YP Mud Out: 19

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

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 3 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: 0 Fluid Weight: 0 LBS/GAL

Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 2010 PSI With 8.34 LBS/GAL Mud Time Held: 00 Hours 30 Minutes

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

PRESSURE/RATE DETAIL	EXPLANATION

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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

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	4582 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
05:10	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
06:01	0	0	0	0	N/A	SAFETY MEETING	
06:36	1567	0	0	0	H2O	LOW PRESURE TEST	
06:42	4582	0	0	0	H2O	HIGH PRESSURE TEST	
06:46	440	0	5.5	20	H2O	CLAY TREAT + ALPHA SPACER	
06:52	480	0	5.5	20	H2O	MUD CLEAN I	
06:56	508	0	5.5	20	H2O	CLAY TREAT + ALPHA SPACER	
07:00	563	0	5.8		CMT	BATCH UP AND PUMP 722 SX OF PLC + 0.25 LBS/SACK CELLO FLAKE + 0.4% FL-52 + 3% BENTONITE @ 12.5 PPG	
07:50	268	0	4.1	38	CMT	MIX AND PUMP 150 SX OF POZ G + 0.4% FL-52 + 3% BENTONITE +0.1% SMS + 20% S-8 @ 13.5 PPG	
08:05	0	0	0	0	N/A	DROP PLUG	
08:07	611	0	5.6	160	H2O	START DISPLACMENT	
08:34	1252	0	4.1	72	H2O	DROP RATE	
08:55	1388	0	2.6	8	H2O	DROP RATE	
08:59	1730	0	4.1	30	H2O	INCREASE RATE	
09:05	1970	0	2.6	35.5	H2O	DROP RATE	
09:19	2813	0	0	0	H2O	BUMP PLUG @ 305.5	
09:30	2010	0	0	0	H2O	START CASING TEST	
10:00	2062	0	0	0	H2O	END CASING TEST	
10:05	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 2813	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 45	TOTAL BBL. PUMPED 641.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 





