

CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.		DATE 25-SEP-10	F.R. # 1001690205	SERV. SUPV. JOHN R WUDARCZYK								
LEASE & WELL NAME LION CREEK #4-16H - API 05123320360000		LOCATION 16-11N-64W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # SST-56		TYPE OF JOB Surface								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
Cement Plug, Rubber, Top 9-5/8 in		Guide Shoe, Cement Nose, 9-5/8 in		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
		Centralizer, with Pins, 9-5/8 in										
MATERIALS FURNISHED BY BJ												
Fresh water				0	8.34	0	0	00:00	15			
Type III + additives				734	14.5	1.40	6.81	01:30	183.25	118.97		
15 Bbls fresh water then drilling mud				0	8.34	0	0	00:00	124.6			
Type III + 2% CaCl on side if needed				100	14.5	1.39	6.81		24.76	16.22		
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.						TOTAL		347.61	135.19	
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
13.5	25	1657	9.625	36	CSG	1640	J-55	1657	1612	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	TYPE	WGT.
16	84	CSG	80	NO PACKER		0	0	0	9.625	8RND	WATER BASED MU	9
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		
124.6	BBLs	15 Bbls fresh water th	8.34	460	0	0	0	0	2816	1500	RIG	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM				
Mud Density In: 9 LBS/GAL				Mud Density Out: 9 LBS/GAL				PV & YP Mud In: 4		PV & YP Mud Out: 4		
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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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: 12				Type: <input checked="" 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 checked="" 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: 1559 PSI						With 9 LBS/GAL Mud		Time Held: 00 Hours 30 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						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE												

CEMENT JOB REPORT



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	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	CO. REP.
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						TEST LINES 2745 PSI	
						<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
05:00	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
06:10	0	0	0	0	0	PRE JOB MEETING	
07:16	2745	0	0	0	H2O	PRESSURE TEST	
07:18	50	0	5	15	H2O	FRESH WATER SPACER	
07:25	105	0	4.5	155	CMT	BATCH UP AND PUMP 734 SKS Type III+.08 lbs/sack static free + 1% Cacl2 + 0.25 lbs/sack Cello Flake	
08:25	0	0	0	0	H2O	DROP PLUG	
08:26	186	0	5.6	110	H2O	START DISPLACEMENT	
08:46	550	0	2.6	14.6	H2O	RATE CHANGE	
08:52	1224	0	0	0	H2O	BUMP PLUG	
09:01	1559	0	0	0	H2O	START CASING TEST	
09:31	1578	0	0	0	H2O	END CASING TEST	
09:40	0	0	0	0	0	POST JOB 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	N 1224	<input checked="" type="checkbox"/> Y	N 5	295	0	Y <input checked="" type="checkbox"/> N	



BJ Services JobMaster Program Version 3.20
Job Number: 1001690205
Customer: EOG
Well Name: LION CREEK 4-16H

