

CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.		DATE 13-OCT-10		F.R. # 1001702767		SERV. SUPV. JEFFREY A ANDERSON	
LEASE & WELL NAME GARDEN CREEK #27-36H - API 05123321560000		LOCATION Sec.36 - T11N - R62W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # PRO-PETRO		TYPE OF JOB Surface			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
Cement Plug, Rubber, Top 9-5/8 in	Centralizer, with Pins, 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	
	Guide Shoe, Cement Nose, 9-5/8 in								
MATERIALS FURNISHED BY BJ									
Fresh Water		0	8.34	0	0	00:00	15		
Type III + additives		520	14.5	1.40	6.81	01:30	128	83.10	
Fresh Water		0	8.34	0	0	00:00	82.7		
Type III + 2% CaCl on side if needed		100	14.5	1.39	6.81	02:00	0	0	
Available Mix Water 400 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL		225.7 83.10			

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
13.5	0	1127	9.625	36	CSG	1117	J-55	1117	1070	0

LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
No Packer			0	0	0	0	9.625	8RD	WATER BASED MU	9.5

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	
82.7	BBLS	Fresh Water	8.34	900	0	0	0	0	2816	1000	Upright Tank

Circulation Prior to Job

Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 4 BPM	
Mud Density In: 9.5 LBS/GAL		Mud Density Out: 9.5 LBS/GAL		PV & YP Mud In: 0	
PV & YP Mud Out: 0		Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>		Units: 0	
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: 8	
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 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	

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

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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)

N/A

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

N/A

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	2000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
14:35	0	0	0	0	N/A	Pre Rig Up Meeting	
15:30	0	0	0	0	N/A	Safety Meeting	
15:46	2831	0	0	0	WATER	Pressure Test	
15:50	35	0	4.8	15	WATER	Fresh Water	
15:55	83	0	4.4	128	CEMENT	Batch up and pump Lead Slurry 520 sks @ 14.5 PPG of Type III + 0.08 Lbs/Sk Static Free + 1% Calcium Chloride + 0.25 Lbs/Sk Cello Flake + 60.4% Fresh Water	
16:30	0	0	0	0	N/A	Drop Plug	
16:34	51	0	4.9	24	WATER	Displacement	
16:40	107	0	4.2	36	WATER	Caught Cement	
16:47	355	0	3.6	12	WATER	Drop Rate	
16:52	340	0	0	0	N/A	Stage	
16:55	412	0	2.4	2	WATER	Pumped 2 Bbls	
16:56	343	0	0	0	N/A	Stage	
16:59	424	0	2.4	2	WATER	Pumped 2 Bbbls	
17:00	357	0	0	0	N/A	Stage	
17:03	438	0	2.4	6.7	WATER	Pumped 6.7 Bbls	
17:05	907	0	0	0	N/A	Plug Down	
17:10	0	0	0	0	N/A	Pre Rig Down Meeting	

BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 900	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 15	TOTAL BBL. PUMPED 225.7	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: <i>Jeff Anderson</i> K.C.
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BJ Services JobMaster Program Version 3.20
Job Number: 1001702767
Customer: EOG
Well Name: Garden Creek 27-36H

