

## CEMENT JOB REPORT

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CUSTOMER EOG Resources Inc.		DATE 29-OCT-10	F.R. # 1001711044	SERV. SUPV. AARON M MCWILLIAMS			
LEASE & WELL NAME GARDEN CREEK #27-36H - API 05123321560000		LOCATION 36-11N-62W		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 <sup>3</sup>	WATER GPS
		Float Shoe 7 - 8rd					PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
Premium Lite Cement + additives				661	12.5	1.89	10.37
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8				163	13.5	1.71	8.30
10 bbls fresh water then used water				0	8.34	0	00:00
Mud Clean I + Alpha-125				0	8.34	0	00:00
Claytreat Water + Alpha-125				0	8.34	0	00:00
Claytreat Water + Alpha-125				0	8.34	0	00:00
Available Mix Water 400 Bbl. Available Displ. Fluid 200 Bbl.				TOTAL		613.21	195.46
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
8.75	0	7234	7	23	CSG	7233	N-80
						7233	7191
							0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
9.625	36	CSG	1167	No Packer	0	0	0
						7	8RD
						WATER BASED MU	
						9.6	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
281	BBLS	10 bbls fresh water th	8.34	2565	0	0	0
						0	
						5072	
						3000	
						Rig Tank	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 6 BPM	
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 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: 2 BBLS			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visually			
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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:		Type: <input 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: 1500 PSI With 9.6 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)  
 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

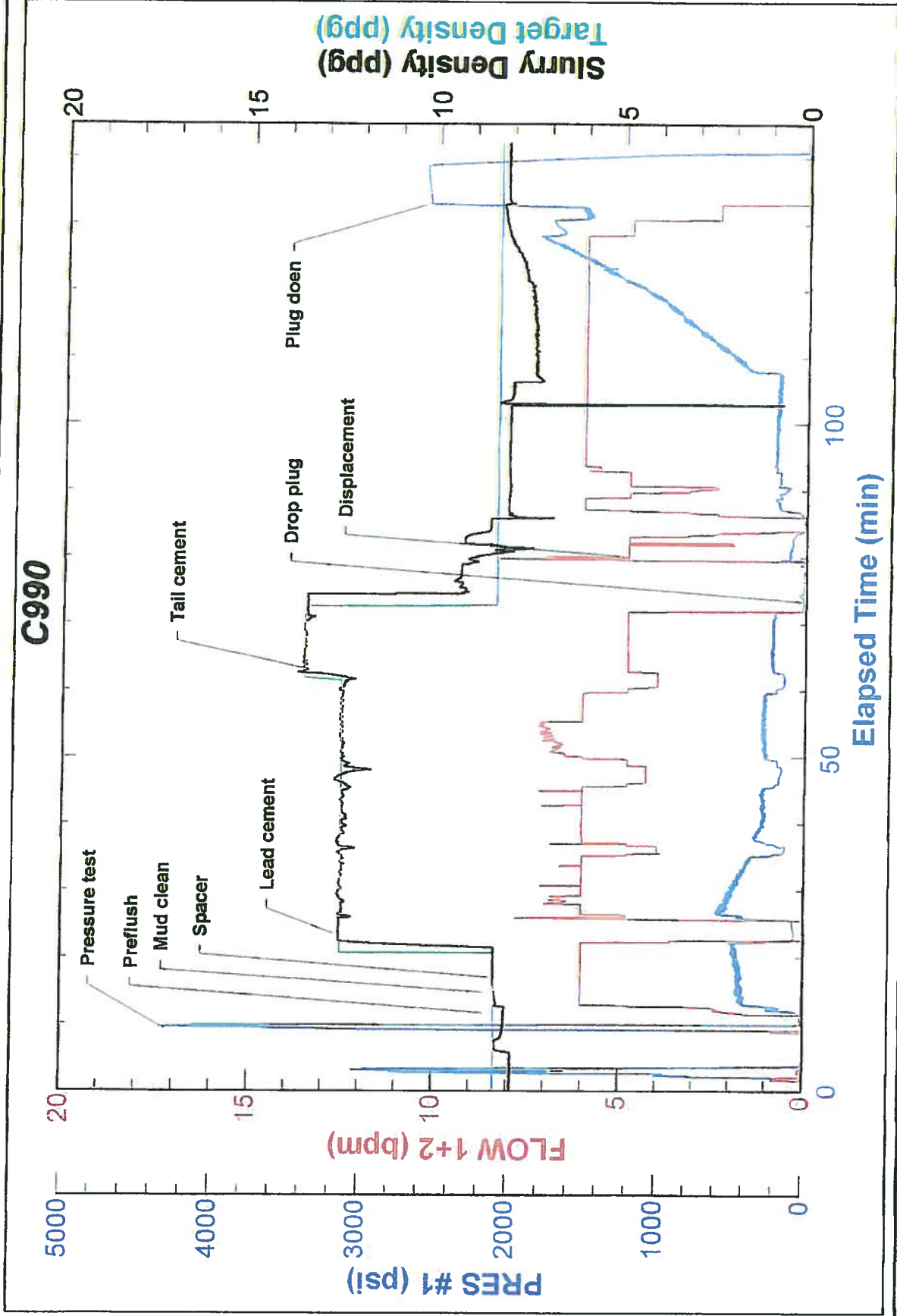
### EXPLANATION

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	4340 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
00:20	0	0	0	0	N/A	Pre rig up safety meeting		
01:40	0	0	0	0	N/A	Pre job safety meeting		
02:03	4340	0	0	0	H2O	Pressure test pumps and lines		
02:14	385	0	6	20	CT-3C	Preflush		
02:18	410	0	6	20	MUD CLEAN	Mud clean		
02:21	450	0	6	20	CT-3C	Spacer		
02:28	380	0	6	211	CMT	Batch up and pump 661 sks of PLC + .25 lbs/sack Cello Flake + .4% FL-52 + 3% bentonite		
03:04	210	0	4.8	47	CMT	batch up and pump 163 sks of POZ G + .4% FL-52 + 3% bentonite + .1% Sodium Metasilicate + 20% Silica Flour		
03:18	0	0	0	0	H2O	Drop plug		
03:21	1700	0	6	260	H2O	Displacement		
04:11	1900	0	4.8	15	H2O	Rate change		
04:13	2100	0	2.4	6	H2O	Rate change		
04:16	2565	0	0	0	H2O	Plug down @ 281 bbl's		
04:30	1500	0	0	0	H2O	Casing test		
04:40	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	2565	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	20	599	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.20  
Job Number: 1001711044  
Customer: EOG  
Well Name: Western Creek #27-36H







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## Casing test

