

CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.		DATE 23-APR-11		F.R. # 1001793695		SERV. SUPV. JEFFREY A ANDERSON	
LEASE & WELL NAME GARDEN CREEK #12-19H - API 05123328560000		LOCATION 19-11N-62W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # SST-56		TYPE OF JOB Liner			

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
Dart For Plug Catcher, 4-1/2 In	Float Collar, Auto Fill, 4-1/2 - 8rd									
Cement Plug, Rubber, Bottom 4-1/2 i	Float Shoe 4-1/2 - 8rd									
MATERIALS FURNISHED BY BJ										
Premium Lite High Strength D+ adds				321	13	1.82	9.20	03:26	104.1	70.36
10 bbls sugar+alpha then 136 bbls 1.2 gpt Alpha-12				0	8.34	0	0	00:00	140.3	
Ultra Flush II + Alpha-125				0	9.5	0	0	00:00	40	
Fresh Water + Inflo-250W + Alpha				0	8.34	0	0	00:00	10	
Fresh Water + Inflo-250W + Alpha				0	8.34	0	0	00:00	10	
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL					304.4	70.36

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
6	0	11376	4.5	11.6	CSG	11372	P-110			

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.
7	23	CSG	7633	Liner	11372	0	0	2	1502	WATER BASED MU	9.3

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				
140.3	BBLs	10 bbls sugar+alpha t	8.34	1137	0	0	0	0	8552	3000			Upright tanks	

Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>						Circulation Time: 3			Circulation Rate: 3 BPM		
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL						PV & YP Mud In: 14			PV & YP Mud Out: 14		
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: .5 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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 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 type="checkbox"/> MANIFOLD <input checked="" 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"/>		
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: 2000 PSI						With 8.34 LBS/GAL Mud			Time Held: 00 Hours 05 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					

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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

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 5001 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>			
10:30	0	0	0	0	N/A	Pre-rig up safety meeting			
16:30	0	0	0	0	N/A	Pre-job safety meeting			
17:41	5001	0	0	0	N/A	Pressure test C990			
17:50	625	0	3	72	MUD	Set liner hanger			
18:18	3160	0	0	0	MUD	Shear pins			
19:15	862	0	3	600	MUD	Circulate well 2x bottoms up			
22:15	0	0	0	0	N/A	Pre-job safety meeting			
22:35	768	0	3	10	WATER	Freshwater spacer + Biocide			
22:40	742	0	2.9	40	ULTRA-FL	Ultra-flush II spacer + Biocide			
22:55	500	0	2.4	10	WATER	Freshwater spacer + Biocide			
23:00	2006	0	4.4	103.6	CEMENT	Batch-up & pump 321 sx of Premium Lite High Strength D + 0.4% R-3 + 2.4% FL-62 + 0.4% ASA-301 + 0.5% SMS @ 13 ppg			
23:30	0	0	0	0	N/A	Drop plug & wash-up pumps & lines			
23:42	72	0	4.8	33	WATER	Displace			
23:50	1116	0	4.8	17	WATER	Caught cement			
23:55	249	0	1.1	10	WATER	Slow rate			
00:03	976	0	1.1	4	WATER	Release bottom plug			
00:06	1583	0	3.8	60	WATER	Rate change			
00:23	884	0	1.2	5	WATER	Rate change			
00:27	1853	0	1.2	130	WATER	Bump plug			
00:27	888	0	1.2	6	WATER	Wet shoe track			
00:47	2104	0	0	0	WATER	Casing test for 5 minutes			
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1853	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 34	TOTAL BBL. PUMPED 971.6	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: <i>Jeff Anderson</i> J.S.		

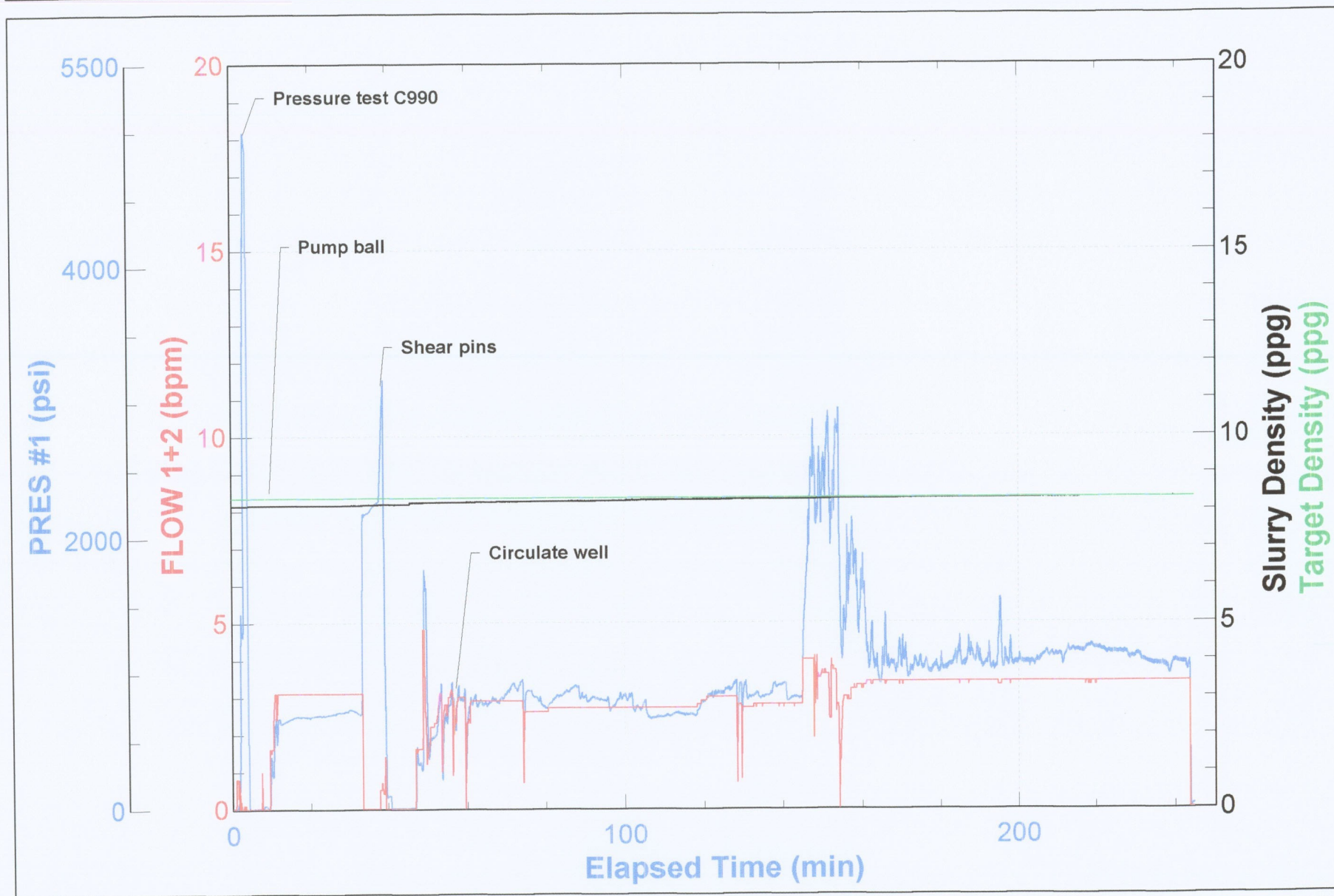


BJ Services JobMaster Program Version 3.50

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