

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 21-MAR-13		F.R. # 1001974423		SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME BRINGELSON RANCH #3-34-9-58 - API 0512336371		LOCATION 34-9N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coil #17		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 9-5/8 in		Centralizer, with Pins, 9-5/8 in					
		Float Shoe/Poppet Valve 9-5/8 - 8r					
		Float Collar, Pop Valve, 9-5/8 - 8rd					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Fresh Water + 2 lbs Red Dye		N/A		0	8.34	0	0
Type III Cement + adds				147	14.5	1.40	6.81
Premium Lite Cement + adds				410	13	1.77	9.20
Fresh Water		N/A		0	8.34	0	0
Fresh Water		N/A		0	8.34	0	0
Available Mix Water 300 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL		297.90	113.80
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
12.25	100	1442	8.921	9.625	36	CSG	1427
						GRADE	SHOE
						K-55	1427
						TVD	FLOAT
						1427	1383
						STAGE	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
15.	16	65		70	70	No packer	0
						TOP	BTM
						0	0
						SIZE	THREAD
						9.625	8RD
						TYPE	WGT.
						WATER BASED	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
106.9	BBLS	Fresh Water	8.34	375	0	0	0
						Operator	MAX CSG PSI
							RATED
							Operator
							MIX WATER
							Rig
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5			
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL			
PV & YP Mud In: 0				PV & YP Mud Out: 0			
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: .7 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"/> 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: 14		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"/>				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: 1514 PSI				With 8.4 LBS/GAL Mud			
				Time Held: 00 Hours 18 Minutes			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None							

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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 type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 3098 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:35	0	0	0	0	N/A	Arrive on location (customer requested on loc 05:00), 96 miles, casing landed, rig circulating
04:45	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting
05:45	0	0	0	0	N/A	Pre-job safety meeting
06:20	0	0	0	2	WATER	Load lines
06:22	1689	0	0	0	WATER	Low pressure test
06:24	3098	0	0	0	WATER	High pressure test
06:26	239	0	5.5	15	WATER	Freshwater spacer
06:29	242	0	5.6	10	WATER	Dyed water spacer
06:34	190	0	4.1	127	CEMENT	Batch-up, weigh, & pump 410 sx of PLC + 0.08% Static Free + 3% CaCl + 0.25 lbs/sk Cello Flake + 6% Bentonite @ 13 ppg
07:04	225	0	4.1	35	CEMENT	Mix & pump 147 sx of Type III + 0.08 lbs/sk Static Free + 1% CaCl + 0.25 lbs/sk Cello Flake @ 14.5 ppg
07:15	0	0	0	0	N/A	Drop plug
07:22	199	0	5.5	60	WATER	Displace
07:33	292	0	4.1	30	WATER	Rate change
07:40	413	0	2.6	16.8	WATER	Rate change
07:47	516	0	2.6	106.8	WATER	Bump plug to 1514 psi, begin casing test, per customer
08:05	0	0	0	0	N/A	Casing test complete @ 1478 psi, 0.7 bbls bled back, floats held
08:10	0	0	0	0	N/A	Pre-rig down safety meeting
08:50	0	0	0	0	N/A	Leave location

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	516	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	38	293.8	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

