

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML				DATE 24-MAR-14		F.R. # 10011054494		SERV. SUPV. JASON L SJOBERG					
LEASE & WELL NAME BRINGELSON RANCH #11-20-9-58 - API 051233861				LOCATION 20-9N-58W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Xtreme Coil #19				TYPE OF JOB Surface					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Auto Fill, 9-5/8 - 8rd											
		Guide Shoe, Cement Nose, 9-5/8 i											
		Centralizer, with Pins, 9-5/8 in											
		Cement Basket, Slip On, 9-5/8 in											
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES							
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Fresh Water + 2 lbs Red Dye						0	8.34	0	0		10		
Type III Cmt + adds						146	14.5	1.41	6.82	02:30	36.58	23.69	
Premium Lite Cmt + adds						400	13	1.81	9.46	03:00	129.24	90.10	
Fresh Water						0	8.34	0	0		108.23		
Type III						100	14.6	1.37	6.68		24.39	15.90	
Available Mix Water 300 Bbl.				Available Displ. Fluid 300 Bbl.				TOTAL		308.44		129.69	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	0	1460	8.921	9.625	36	CSG	1440	1440	J-55	1440	1395	0	
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
15.	16	65	CSG	77	77	No Packer	0	0	0	9.625	8 RND	WATER BASED	8.34
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			
108	BBLS	Fresh Water	8.34	379	0	0	0	0	2816	2000	Rig		
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: 8.34 LBS/G Mud Density Out: 8.34 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: .5 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: 14			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 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: 1088 PSI						With 8.34 LBS/GAL Mud		Time Held: 00 Hours 15 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

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	3363 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
00:01	0	0	0	0	N/A	Yard Call	
02:30	0	0	0	0	N/A	Leave Yard	
04:30	0	0	0	0	N/A	Arrive on Location	
04:35	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting	
06:15	0	0	0	0	N/A	Safety Meeting	
08:13	3363	0	0	0	H2O	Pressure Test Pump and Lines	
08:18	203	0	4.9	10	H2O	Preflush Fresh Water	
08:21	228	0	4.9	10	H2O	Preflush Dye	
08:26	380	0	6	123	CMT	Batch, Weigh, Pump 13# PLC + .08% Static Free + 3% CaCl + 3% NaCl + .25 lbs/sack Cello Flake + 6% Bentonite	
08:53	73	0	2.5	34	CMT	Pump 14.5# Type III + .08% Static Free + 1.5% CaCl + .25 lbs/sack Cello Flake	
09:12	0	0	0	0	N/A	Drop Plug	
09:19	329	0	6.1	50	H2O	Displacement	
09:28	327	0	4.8	30	H2O	Drop Rate	
09:34	380	0	2.4	23	H2O	Drop Rate	
09:44	0	0	0	0	N/A	Shut Down	
09:52	506	0	2.4	5	H2O	Displacement	
09:54	631	0	2.4	108	H2O	Bump Plug	
09:55	1088	0	0	0	H2O	Casing Test	
10:10	1012	0	0	0	N/A	Check Floats	
10:12	0	0	0	0	N/A	Post Job Safety Meeting	
12:42	10	0	2	4	CMT	Top Out	
13:10	0	0	0	0	N/A	Post Job Safety Meeting	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 631	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 58	TOTAL BBL. PUMPED 291	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: