

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML				DATE 19-JAN-14		F.R. # 10011040164		SERV. SUPV. STEVEN S ISCHE					
LEASE & WELL NAME BRINGELSON RANCH #6-20-9-58 - API 0512338763				LOCATION 20-9N-58W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Xtreme 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, Ball Valve, 9-5/8 - 8rd		NONE		0	0	NONE		0	0		
		Float Shoe 9-5/8 - 8rd											
		Centralizer, Positive, 9-5/8 in											
		Cement Basket, Hinged, 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				N/A		0	8.34	0	0	00:00	15		
Type III Cmt + adds				N/A		146	14.5	1.41	6.82	02:30	33	21.38	
Premium Lite Cmt + adds				N/A		400	13	1.81	9.46	03:00	124	86.45	
Fresh Water				N/A		0	8.34	0	0	00:00	105		
CLASS G				N/A		16	14.5	1.41	6.82	02:00	4	2.59	
Available Mix Water 400 Bbl.				Available Displ. Fluid 267 Bbl.				TOTAL		281 110.41			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	100	1440	8.921	9.625	36	CSG	1408	1408	J-55	1408	1363	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	70	70	NO PACKER	0	0	0	9.625	8RD	WATER BASED	8.7
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			
105	BBLS	Fresh Water	8.34	373	0	0	0	0	2816	1600	RIG		
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: 8.7 LBS/GAL Mud Density Out: 8.7 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: 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: 15			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: 1500 PSI With 8.34 LBS/GAL Mud						Time Held: 00 Hours 15 Minutes							

CEMENT JOB REPORT



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 5500 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
05:30	0	0	0	0	N/A	LEAVE YARD
07:30	0	0	0	0	N/A	ARRIVE ON LOCATION
10:45	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING
13:00	0	0	0	0	N/A	SAFTY MEETING WITH CREW
13:39	0	0	2	2	H2O	LOAD LINES
13:43	5500	0	0	0	H2O	PRESSURE TEST
13:44	100	0	4.8	10	H2O	FRESH WATER SPACER
13:46	50	0	4.8	10	H2O	DYE WATER SPACER
13:49	454	0	6	124	CEMENT	BATCH UP, WHEIGH AND SEND 13# LEAD
14:16	125	0	3.1	33	CEMENT	14.5# TAIL
14:28	0	0	0	0	N/A	DROP PLUG
14:32	504	0	4.8	85	H2O	DISPLACEMENT
14:50	454	0	2	20	H2O	RATE CHANGE
15:00	984	0	0	0	N/A	BUMP PLUG
15:02	0	0	0	0	N/A	TEST FLOATS
15:06	1565	0	0	0	H2O	CASING TEST
15:21	0	0	0	0	H2O	END CASING TEST
16:37	24	0	1	4	CEMENT	TOP OUT
16:43	0	0	0	0	N/A	SHUT DOWN WASH UP
17:00	0	0	0	0	N/A	RIG DOWN SAFTY MEETING
17:45	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	984	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	278	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



CEMENTING LABORATORY REPORT

Lab Report #C0106014

COMPANY :	Carrizo Oil & Gas INC	DATE:	January 19, 2014
WELL NAME:	Bringelson 6-20-9-58	LOCATION:	Weld County
DISTRICT:	Brighton	TYPE JOB:	Surface Casing Cement
API #	05-123-38763-0000	TOC(md):	
DEPTH MD(ft):	1,440 ft	BHST(°F):	109 °F
CASING SIZE("):	9 5/8 in	BHCT(°F):	85 °F
TUBING SIZE("):		BHSqT(°F):	94 °F
HOLE SIZE("):	12 1/4 in	TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead Slurry: Premium Lite Cement + 6.0% Bentonite , 3% Salt bwow, 3% CACL2, 0.25 pps Celloflake.
#2	Tail Slurry: Type III + 1.5% CACL2, 0.25 pps Celloflake
#3	

SLURRY PROPERTIES			#1	#2	#3
Density : ppg			13.00	14.50	
Yield :cu.ft./sk.			1.81	1.41	
Mixing Water: gal/sk.			9.46	6.82	
Water Type:			Fresh	Fresh	
Testing Temperature :			85 °F	85 °F	
Thickening Time: hrs:mins.			4:00	1:55	
Free Water: mls.					
Fluid Loss:ml/30min					
Compressive Strength:					
		hrs.			
		hrs.			
Rheologies		RPM			
		300			
		200			
		100			
		6			
		3			
		600			
		PV			
		YP			
Gel Strength : #/100sq.ft.		10 sec.			
		10 min.			

REMARKS :	
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