

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				

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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 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.	0.25
#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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