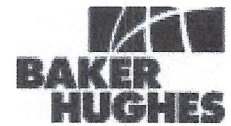


CEMENT JOB REPORT




CUSTOMER CARRIZO OIL & GAS INC XML		DATE 18-SEP-13	F.R. # 10011014668	SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME STATE 2-36-9-61 - API 05123378970000		LOCATION 36-9N-61W		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	HANGER TYPES MD TVD
Cement Plug, Rubber, Top 9-5/8 in	Float Collar, AI Flap, 9-5/8 - 8rd	None	0	0	None 0 0
	Float Shoe 9-5/8 - 8rd				
	Cement Basket, Slip On, 9-5/8 in				
	Centralizer, with Pins, 9-5/8 in				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	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		145	14.5	1.42	6.69 36.62 23.10
Premium Lite Cmt + adds		400	13	1.83	9.36 130.24 89.13
Fresh Water	N/A	0	8.34	0	0 00:00 109.4
Type III Neat	N/A	100	14.8	1.33	6.33 00:00 23.61 15.07
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL 314.87 127.29	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID OD	WGT. TYPE	MD TVD GRADE SHOE FLOAT STAGE
12.25	0	1484	8.921 9.625	36 CSG	1464 1464 J-55 1464 1415 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 Liner	0 0 0	9.625 8RD WATER BASED 9.5
DISPL. VOLUME		DISPL. FLUID	CAL. PSI	CAL. MAX PSI	OP. MAX
VOLUME UOM	TYPE	WGT. BUMP PLUG	TO REV.	SQ. PSI	RATED
109.4 BBLS	Fresh Water	8.34 384	0	0	0
					Operator
					MAX TBG PSI
					MAX CSG PSI
					Operator
					MIX WATER
					Rig Tank
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1 Circulation Rate: 5 BPM		
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 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: 10 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: 0 PSI		With 0 LBS/GAL Mud		Time Held: 00 Hours 00 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	3040 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:30	0	0	0	0	N/A	Yard call	
21:44	0	0	0	0	N/A	Time left district	
23:40	0	0	0	0	N/A	Time arrived on location (Rig running CSG) (90 Miles)	
01:57	0	0	0	0	N/A	Spot trucks	
02:00	0	0	0	0	N/A	Pre rig up safety meeting/ Rig Done running CSG	
03:10	0	0	0	0	N/A	Pre job safety meeting	
03:29	0	0	0	2	WATER	Load lines	
03:32	3040	0	0	0	WATER	Pressure test pumps and lines	
03:36	4.8	0	98	20	WATER	Fresh water spacer + Dye	
03:46	129	0	4.8	146	CEMENT	Batch up, weigh and pump 400 SXS of PLC + 0.08Lbs/Sack static free + 3% Calcium chloride + 3 % sodium chloride + 0.5 LBS/sack Cello flake + 2 LBS/SACK Kol Seal + 6% bentonite @ 13.00 PPG	
04:14	86	0	4	33	CEMENT	Mix and pump 145 sxs of Type III + 0.08 LBS/Sack Static free + 1.5% Calcium Chloride + 0.5 LbS/sack Cello Flake + 2 LBS/Sack Kol Seal @ 14.5 PPG	
04:23	0	0	0	0	N/A	Release plug	
04:31	153	0	4.1	50	WATER	Dispalacement	
04:43	653	0	2	60	WATER	Drop rate	
05:35	1526	0	2	110	WATER	Bump plug @ 110 BBLS away	
05:50	0	0	0	0	N/A	Check floats	
05:50	0	0	0	0	N/A	Wait for 1 Hrs. to see if cement falls	
06:30	0	0	0	0	N/A	Check to see if cement has fallen	
07:00	0	0	0	0	N/A	Pre rig down safety meeting	
07:30	0	0	0	0	N/A	Time off location	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1526	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 50	TOTAL BBL. PUMPED 311	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: 





CEMENTING LABORATORY REPORT

Lab Report #C09-059-13

COMPANY :	Carrizo Oil & Gas Inc	DATE:	September 18, 2013
WELL NAME:	State 2-36-9-61	LOCATION:	Weld County, Colorado
DISTRICT:	Brighton	TYPE JOB:	Surface
API #	05-123-37897-0000	TOC(md):	
DEPTH MD(ft):	1,460 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% Bentontite + 3% Calcium Chloride + 3% Sodium Chloride + 0.08% Static Free + 0.5 pps Cello Flake
#2	Tail Slurry: Type III Cement + 2 + 1.5% Calcium Chloride + 0.08 pps Static Free + 0.25 pps Cello Flake
#3	Type III Cement

SLURRY PROPERTIES			#1	#2	#3
Density : ppg			13.00	14.50	14.80
Yield :cu.ft./sk.			1.83	1.42	1.33
Mixing Water: gal/sk.			9.36	6.69	6.33
Water Type:			Fresh	Fresh	Fresh
Testing Temperature :			85 °F	85 °F	91 °F
Thickening Time: hrs:mins.			4:15	2:27	2:33
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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COMMENTS : The above data is supplied solely for informational purposes and BHI makes no guarantees or warranties, either express or implied, with respect to the accuracy or use of this data. All product warranties and guarantees shall be governed by the standard contract terms at the time of sale.



Baker Hughes JobMaster Program Version 3.60

Job Number: 10011014668

Customer: Carrizo

Well Name: State 2-36-9-61

C992

