

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 02-DEC-13		F.R. # 10011030472			SERV. SUPV. JASON L SJOBERG						
LEASE & WELL NAME CASTOR #5-36-9-59 - API 05123383690000			LOCATION 36-9N-59W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Xtreme Coil #19			TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd												
		Float Collar, Auto Fill, 7 - 8rd												
		Centralizer, with Pins, 7 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		
Drilling Mud						0	9.5	0	0		0			
Fresh Water						0	8.33	0	0		20			
SealBond + SB Plus						0	8.4	0	0		40			
Premium Lite Cmt + adds						371	12.5	1.94	10.65	03:30	128.18	94.03		
50:50 (Poz:Class G) + adds						168	13.5	1.45	7.07	02:45	43.38	28.30		
Drilling Mud						0	9.7	0	0		0			
Available Mix Water 300 Bbl.			Available Displ. Fluid 300 Bbl.			TOTAL					231.56	122.33		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	0	6093	6.366	7	23	CSG	6073	6073	P-110	6073	5984	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.
8.9	9.63	36	CSG	1403	1403	No Packer		0	0	0	7	8 RND	WATER BASED	9.7
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			
265.7	BBLS	Drilling Mud		9.7	942	0	0	0	0	7768	3000	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: 9.7 LBS/GAL				Mud Density Out: 9.7 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: 1.5 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 49				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: 1501 PSI				With 9.7 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	4475 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
21:00	0	0	0	0	N/A	Yard Call	
22:38	0	0	0	0	N/A	Leave Yard	
02:00	0	0	0	0	N/A	Arrive on Location	
05:15	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting	
06:30	0	0	0	0	N/A	Safety Meeting	
07:31	4475	0	0	0	H2O	Pressure Test Pump and Lines	
07:35	67	0	2.5	20	H2O	Preflush Fresh Water	
07:42	473	0	5	40	H2O	Preflush Sealbond	
08:00	658	0	6	128	CMT	Batch, Weigh, Pump 12.5# PLC + .25 lbs/sack Cello Flake + .2% FL-52 + 6% Bentonite	
08:26	190	0	4.6	42	CMT	Pump 13.5# 50:50 Poz G + .4% FL-52 + .5% SMS + 3% Bentonite	
08:41	0	0	0	0	N/A	Drop Plug	
08:46	154	0	6	180	MUD	Displacement	
09:17	947	0	4.8	40	MUD	Drop Rate	
09:26	1128	0	3.6	15	MUD	Drop Rate	
09:30	1264	0	3.6	235	MUD	Bump Plug	
09:34	1857	0	0	0	N/A	Check Floats	
09:37	1501	0	0	0	MUD	Casing Test	
10:00	0	0	0	0	N/A	Post Job Safety Meeting	

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	1264	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	65	609	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	