

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML				DATE 04-APR-13		F.R. # 1001977737		SERV. SUPV. RYAN R STEVENS					
LEASE & WELL NAME BRINGELSON RANCH #4-34-9-58 - API 0512336389				LOCATION 34-9N-58W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Xtreme Coil #17				TYPE OF JOB Intermediate					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Bottom 7 in		Float Collar, AI Flap, 7 - 8rd		NONE		0	0	NONE		0	0		
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd											
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
Drilling Mud + Biocide				0				0	0	0	00:00	0	
Fresh Water				0				8.33	0	0	00:00	10	
SealBond Spacer				0				8.4	0	0	00:00	40	
Premium Lite Cement + adds				362				12.5	1.94	10.65	03:45	125	91.62
50/50 (Poz/Class G) + adds				141				13.5	1.71	8.30	03:00	43.01	27.87
Drilling Mud				0				9.5	0	0	00:00	228	
Available Mix Water 400 Bbl.				Available Displ. Fluid 400 Bbl.				TOTAL				446.01	119.48
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	0	5916	6.366	7	23	CSG	5889	5889	P-110	5889	5801	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	1440	1440	NO LINER	0	0	0	7	8 RD	WATER BASED	9.5
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			
228	BBLS	Drilling Mud	9.5	1035	0	0	0	0	3488	3000	RIG TANK		
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: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0						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: 2 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: 44			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: Competition:						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: FT			Bottom of Plug: 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: Fluid Weight: LBS/GAL				
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: PSI With LBS/GAL Mud						Time Held: Hours Minutes							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													

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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT	Target EMW: LBS/GAL	Actual EMW: LBS/GAL
Number of Times Tests Conducted:	Mud Weight When Test was Conducted: 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		

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 4471 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
14:00	0	0	0	0	NA	YARD CALL
18:00	0	0	0	0	NA	LEAVE DISTRICT
20:00	0	0	0	0	NA	ARRIVE ON LOCATION/ RUNNING CASING 92 MILES
22:45	0	0	0	0	NA	SPOT TRUCKS/ PRE RIG UP SAFETY MEETING
23:55	0	0	0	0	NA	SAFETY MEETING
00:20	325	0	1	2	WATER	LOAD LINES
00:22	4471	0	0	0	WATER	PRESSURE TEST
00:27	325	0	4.9	10	WATER	SPACER
00:31	375	0	5.1	40	SPACER	SEAL BOND
00:42	199	0	5.1	127	CEMENT	BATCH UP, WEIGH AND PUMP 362 SKS OF PLC + 0.25% CELLO FLAKE + 0.4% FL-52 + 6% BENTONITE @ 12.5 PPG
01:10	184	0	5.1	48	CEMENT	BATCH UP, WEIGHT AND PUMP 141 SKS OF (50:50) POZ (FLY ASH) CLASS G +.4% FL-52 + 3% BENTONITE + .1% SMS + 20% SILICA FLOUR @ 13.5
01:23	0	0	0	0	NA	REALEASE PLUG
01:26	174	0	6.2	208	MUD	DISPLACEMENT
01:52	953	0	4.8	10	MUD	DROP RATE
02:05	1054	0	3.6	10	MUD	DROP RATE
02:11	1254	0	3.6	228	MUD	BUMP PLUG
02:26	1554	0	0	0	NA	15 MINUTE CASING TEST
02:29	0	0	0	0	NA	CHECK FLOATS
02:33	0	0	0	0	NA	PRE RIG DOWN SAFETY MEETING

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1554	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 14	TOTAL BBL. PUMPED 453	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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