

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 23-AUG-14		F.R. # 10011093218		SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME SHULL #3-35-9-60 - API 05123400280000		LOCATION 35-9N-60W		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
None		Float Collar, AI Flap, 7 - 8rd		None		0	0
Cement Plug, Rubber, Top 7 in		Float Shoe 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
SealBond + SB Plus				0	8	0	
Premium Lite Cmt + adds				394	12.5	1.94	10.64
50:50 (Poz:Class G) + adds				189	13.5	1.45	02:45
Drilling Mud				0	9.7	0	00:00
Available Mix Water 340 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		473.31	131.52
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
8.75	0	6413	6.366	7	23	CSG	6392
						GRADE	SHOE
						P-110	6392
						FLOAT	STAGE
						6307	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
8.9	9.63	36	CSG	1457	1457	No Liner	0
						TOP	BTM
						0	0
						SIZE	THREAD
						7	8RD
						TYPE	WGT.
						WATER BASED	9.7
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
248.7	BBLS	Drilling Mud	9.7	1064	0	0	0
						Operator	MAX CSG PSI
							RATED
							Operator
							3488
							3000
							Rig Tank
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.7 LBS/GAL				Mud Density Out: 9.7 LBS/GAL			
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: 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD							
Plugs							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <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: 1481 PSI				With 9.7 LBS/GAL Mud			
				Time Held: 00 Hours 15 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: 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

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 4818 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:00	0	0	0	0	N/A	Yard call
17:19	0	0	0	0	N/A	Time left District
19:11	0	0	0	0	N/A	Time arrived on location
10:23	0	0	0	0	N/A	Spot trucks
10:27	0	0	0	0	N/A	Pre rig up safety meeting
23:00	0	0	0	0	N/A	Pre job safety meeting
23:56	0	0	0	0	WATER	Load lies
00:02	4818	0	0	0	WATER	Pressure test
00:10	410	0	3.7	40	WATER	Seal Bond spacer
06:30	578	0	5.8	126	CEMENT	Batch up weigh and pump 394 SXS of PLC + 0.04% Static free + 0.25 LBS/SACK Cello flake + 0.4% FL-52 + 6% Bentonite @ 12.5 PPG
00:58	100	0	3.1	46	CEMENT	Batch up weigh ad pump 189 SXS of (50:50) POZ/G + 0.04% Static free + 0.4% FL-52 + 0.5% SMS + 3% bentoite @ 13.5 PPG
01:10	0	0	0	0	N/A	Drop plug
01:15	1304	0	4.8	230	MUD	Dispalcmenent
02:02	1255	0	2.4	17	MUD	Drop rate
02:14	1008	0	2.4	247	MUD	Bump plug
02:16	0	0	0	0	N/A	Check floats
02:18	1481	0	0	0	MUD	Casing test
02:40	0	0	0	0	N/A	Pre rig down safety meeting
03:30	0	0	0	0	N/A	Time off 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 type="checkbox"/> Y <input checked="" type="checkbox"/> N	2008	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	17	459	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	