

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 01-SEP-14		F.R. # 10011095890		SERV. SUPV. Justin Brown							
LEASE & WELL NAME SHULL 1-35-9-60 - API 05123372390000			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	HANGER TYPES		MD	TVD			
Cement Plug, Rubber, Bottom 7 in		Float Collar, Auto Fill, 7 - 8rd												
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	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
SealBond + SB Plus				NA				0	8.4	0	0	00:00	40	
Premium Lite Cmt + adds				NA				396	12.5	1.94	10.64	03:30	136.97	100.28
50:50 (Poz:Class G) + adds				NA				192	13.5	1.45	7.06	02:45	49.50	32.26
Drilling Mud				NA				0	9.8	0	0	00:00	251.17	
Available Mix Water 300 Bbl.				Available Displ. Fluid 300 Bbl.				TOTAL				477.64	132.53	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	35	6423	6.366	7	23	CSG	6423	6189		6423	6326	1		
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		1400	1400	No Packer		0	0	7	8RND	WATER BASED	9.8	
8.9	9.63	36	CSG	1456	1456			0	0					
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				
249	BBLS	Drilling Mud	9.8	944	0	0	0	0	5072	2000	Rig Tank			
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: 9.8 LBS/GAL Mud Density Out: 9.8 LBS/GAL						PV & YP Mud In:			PV & YP Mud Out:					
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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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:		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:			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: 1911 PSI						With 9.8 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 type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 3996 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:30	0	0	0	0	NA	ARRIVE AT LOCATION
12:30	0	0	0	0	NA	SPOT TRUCKS
12:30	0	0	0	0	NA	PRE-RIG UP SAFETY MEETING
13:36	0	0	0	0	NA	PRE-JOB SAFETY MEETING
14:14	0	0	0	0	NA	PRE-JOB SAFETY MEETING
14:23	26	0	.8	2	H2O	LOAD LINES
14:17	3996	0	0	0	H2O	PRESSURE TEST
14:23	278	0	3.6	15.3	H2O	PUMP DYED SPACER
14:29	328	0	3.6	43.2	SPACR	PUMP SEAL BOND AND SEAL BOND PLUS SPACER
14:44	0	0	0	0	CMT	BATCH UP LEAD CEMENT
14:50	554	0	4.8	0	CMT	PUMP LEAD CEMENT (PREMIUM LITE CEMENT + .04% BWOC STATIC FREE + .25 LBS/SACK CELLO FLAKE + .4% BWOC FL-52 + .5 GALS/100 SACKS FP-6L + 6% BWOC BENTONITE II + 102% FRESH WATER)
14:55	655	0	6	136	CMT	PUMP RATE CHANGE
15:19	328	0	6	49.3	CMT	BATCH AND PUMP TAIL CEMENT (50:50 POZ (FLY ASH): CLASS G CEMENT + .04% BWOC STATIC FREE + .4% BWOC FL-52 + .5 GALS/100 SACKS FP-6L + 3% BENTONITE II + .5% BWOC SODIUM METASILICATE + 70.1% FRESH WATER)
15:30	0	0	0	0	NA	DROP PLUG AND WASHUP
15:41	127	0	6	0	MUD	DISPLACEMENT
16:15	1037	0	4.8	0	MUD	PUMP RATE CHANGE
16:18	1320	0	3	0	MUD	PUMP RATE CHANGE
16:22	1911	0	3	249	MUD	BUMPED PLUG
16:22	1911	0	0	0	NA	CASING TEST
16:37	0	0	0	0	NA	CASING TEST COMPLETE / CHECK FLOATS 1.5 BBLs BACK
16:38	0	0	0	0	NA	SHUTDOWN

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	1911	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	493.4	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	