

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 <u>300</u> Bbl.			Available Displ. Fluid <u>300</u> Bbl.					TOTAL		<u>477.64</u>	<u>132.53</u>			
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"/> RECIPROICATION <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	