

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 14-JAN-15		F.R. # 10011131436		SERV. SUPV. TIMADAMS							
LEASE & WELL NAME SHULL #7-25-9-60 - API 05123404950000			LOCATION 25-9N-60W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG #			TYPE OF JOB Surface								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Auto Fill, 9-5/8 - 8rd		None		0	0	None		0	0			
		Float Shoe 9-5/8 - 8rd												
		Centralizer, with Pins, 9-5/8 in												
		Cement Basket, Slip On, 9-5/8 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		
Fresh Water + 2 lbs Red Dye				N/A		0	8.34	0	0	00:00	15			
Type III Cmt + adds				C01-039-15		146	14.5	1.41	6.82	02:12	36	23.32		
Premium Lite Cmt + adds				C01-039-15		403	13	1.81	9.46	03:49	129	89.93		
Fresh Water				N/A		0	8.34	0	0	00:00	109.7			
Available Mix Water 400 Bbl.				Available Displ. Fluid 270 Bbl.				TOTAL		289.7	113.25			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	100	1484	8.921	9.625	36	CSG	1464	1464	J-55	1463	1417.5	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.
15.	16	65	CSG	70	70	No packer		0	0	0	9.625	8RND	WATER BASED	8.55
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				
109.7	BBLS	Fresh Water	8.34	400	0	0	0	0	2816	1500	Day 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: 8.55 LBS/GAL Mud Density Out: 8.55 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: .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"/> 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: 14			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: 1014 PSI With 8.34 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 3275 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
22:00	0	0	0	0	NA	Yard call	
01:05	0	0	0	0	NA	Leave yard	
03:10	0	0	0	0	NA	Arrive on location (89miles, rig running casing)	
05:20	0	0	0	0	NA	Spot trucks	
05:30	0	0	0	0	NA	Rig up safety meeting	
06:40	0	0	0	0	NA	Pre-job safety meeting	
07:56	50	0	1	2	H2O	Load lines	
08:06	3275	0	0	0	H2O	Pressure test	
08:12	158	0	5	15	H2O	Fresh spacer (with dye)	
08:20	0	0	0	0	CMT	Batch / weigh lead cement	
08:24	321	0	5.3	26	CMT	Pump lead (403sx, 13ppg)	
08:31	0	0	0	0	NA	Shut down (rig pump blew breaker - couldn't pump returns out of cellar)	
08:33	132	0	3	103	CMT	Lead cement continued (129bbbls total)	
09:08	152	0	2.7	36	CMT	Tail cement (146sx, 14.5ppg)	
09:20	0	0	0	0	NA	Shut down / wash up / drop plug	
09:27	242	0	4.1	50	H2O	Displacement	
09:42	357	0	4	30	H2O	Update	
09:49	478	0	2.8	15	H2O	Drop rate	
09:54	365	0	0	0	NA	Shut down (cement fell 3" in cellar)	
09:59	562	0	2	14.7	H2O	Resume displacement	
10:07	1034	0	0	0	H2O	Bump plug (109.7bbbls total displacement)	
10:08	1014	0	0	0	H2O	Casing test - 15 minutes	
10:25	0	0	0	0	NA	Bleed off / check floats (0.5bbbls back)	
10:30	0	0	0	0	NA	Done	

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	562	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	46	292	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	