

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML				DATE 07-JUN-14		F.R. # 10011073075		SERV. SUPV. JASON L SJOBERG					
LEASE & WELL NAME HEMBERGER #1-25-8-60 - API 05123394440000				LOCATION 25-8N-60W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Xtreme Coil #19				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		Guide Shoe, Cement Nose, 9-5/8 i											
		Float Collar, Auto Fill, 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							8.34				15		
Type III Cmt + adds						146	14.5	1.41	6.82	02:30	36.58	23.69	
Premium Lite Cmt + adds						400	13	1.81	9.46	03:00	129.24	90.10	
Fresh Water							8.34				108.23		
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL		289.05		113.79	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	0	1440	8.921	9.625	36	CSG	1448	1448	J-55	1448	1402	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	60	60	no packer	0	0	0	9.625	8RND	WATER BASED	8.5
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			
108.3	BBLS	Fresh Water	8.34	380	0	0	0	0	2816	2000	Rig tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM				
Mud Density In: 8.5 LBS/GAL Mud Density Out: 8.5 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: .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: 1132 PSI With 8.5 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)
 Head starting leaking durning displacement and continued during casing test

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 3139 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:00	0	0	0	0	N/A	Yard call	
19:24	0	0	0	0	N/A	Leave district	
21:00	0	0	0	0	N/A	Arrive on location 77miles Starting to run casing	
21:42	0	0	0	0	N/A	Spot trucks	
21:47	0	0	0	0	N/A	Pre rig up safety meeting 6-7-14	
03:45	0	0	0	0	N/A	Pre job safety meeting 6-8-14	
04:32	59	0	2.8	3.5	H2O	Load lines	
04:41	3139	0	0	0	H2O	Pressure test	
04:47	202	0	5	15	H2O	Pre flush dye	
04:56	310	0	5.4	128	CMT	Batch,weight pump 13# PLC +.08% Static free + 3% CaCl + 3% NaCl +.25 lbs/sack Cello flake + 6% Bentonite	
05:29	196	0	3.8	30	CMT	Pump 14.5# Type III + .08 lbs/sack Static free + 1.5% CaCl + .25 Cello flake	
05:49	0	0	0	0	N/A	Drop plug	
05:55	648	0	4.8	90	H2O	Displacement	
06:18	561	0	2.4	13	H2O	Drop rate	
06:22	216	0	0	0	N/A	Shut down to let cement settle for 5 min	
06:27	535	0	2.4	5	H2O	Displacement	
06:30	592	0	2.4	108	N/A	Bump plug hold for 15min @ 1132 psi	
06:45	589	0	0	0	N/A	Check float	
06:54	0	0	0	0	N/A	Rig down safety meeting	

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	592	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	66	285	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	