

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS		DATE 23-AUG-15	F.R. # 10011172955		SERV. SUPV. Anthony J Staples								
LEASE & WELL NAME WAAG #17 - API 05123403650000		LOCATION 19-7N-65W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG #		TYPE OF JOB Intermediate									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES MD TVD							
	Float Shoe 7 - 8rd												
	Float Collar, Auto Fill, 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				
Fresh Water			0	8.34	0	0		20					
Lead Slurry	C08-064-15		500	12.7	1.86	9.98	03:53	165.6	118.97				
Mud			0	8.34	0	0		287.7					
UltraFlush II			0	11.5	0	0		20					
Tail Slurry	C08-064-15		340	13.8	1.47	6.78	03:51	89	54.94				
Available Mix Water 300 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL				582.3	173.91				
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	25	7600	6.276	7	26	CSG	7560	7180		7560	7518	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	CSG	896	896	No Packer		0	0	7	8RND	WATER BASED	10
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			
287.7	BBLS	Mud	8.34	1238	0	0	0	0	7968	5000	Upright		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 3 BPM				
Mud Density In: 10 LBS/GAL Mud Density Out: 10 LBS/GAL						PV & YP Mud In: 17			PV & YP Mud Out: 17				
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: Visually							
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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 40		Type: <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:						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: 0 PSI With 0 LBS/GAL Mud						Time Held: 00 Hours 00 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 4007 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
21:30	0	0	0	0	N/A	Leave Yard
10:00	0	0	0	0	N/A	Arrive on Location Rig Running Casing
10:40	0	0	0	0	N/A	Spot Trucks
10:45	0	0	0	0	N/A	Pre-Rig Up Safety Meeting
12:51	0	0	0	0	N/A	Pre-Job Safety Meeting
13:50	4007	0	0	0	H2O	Pressure Test
13:55	442	0	5	10	SPC	Fresh Water
14:04	241	0	2.4	18	SPC	Ultra Flush II
14:19	782	0	6.3	50	CMT	Batch, Weigh, and Pump 500sks 12.7# PLC + .1% R-3 + .7% FL-52 + .2% ASA-301 + 6% Bentonite II
14:40	244	0	5	112	CMT	Rate Change
15:09	189	0	4	90	CMT	Batch and Pump 340sks 13.8# 50:50:Poz (Fly Ash) Class G + .1% R-3 + .6% FL-63 + .2% ASA-301 + .2% SMS + 10 lbs/sk CSE-2.. Calculated Top Of Cement @ 4269ft
15:39	0	0	0	0	H2O	Shut Down/ Wash Up Mixing Tub
15:36	0	0	0	0	H2O	Release Plug
15:36	1722	0	6.6	240	H2O	Displace
16:30	1730	0	4.1	30	H2O	Rate Change
16:37	1729	0	2.8	17	H2O	Rate Change
16:42	2232	0	0	0	H2O	Bump Plug @ 287 Bbls away, 13 Bbls of Cement to Surface
16:47	2131	0	0	0	H2O	Check Floats... 2Bbls Back

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	1729	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	13	567	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	