

CEMENT JOB REPORT



CUSTOMER CUSTOMER (NOT FOR BILLIN		DATE 22-AUG-14	F.R. # 10011092578		SERV. SUPV. RYAN R STEVENS								
LEASE & WELL NAME EWS #1 - API 05123397700000		LOCATION 26-8N-60W		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							
Cement Plug, Rubber, Top 7 in	Float Collar, AI Flap, 7 - 8rd	None	0	0	None	0 0							
	Float Shoe 7 - 8rd												
	Stage Cementing Tool 7 - 8rd												
	Cement Basket, Slip On, 7 in												
	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	00:00	10					
UltraFlush Spacer			0	11.5	0	0	00:00	20					
(50:50:2) + Adds			190	14.4	1.45	6.34		49	28.63				
Fresh Water			0	8.34	0	0	00:00	308.63					
Fresh Water			0	8.34	0	0	00:00	10					
UltraFlush			0	11.5	0	0	00:00	20					
PLC + Adds			800	12.7	1.86	9.99		265	190.70				
(50:50:2) + Adds			94	14.4	1.45	6.34		24	14.03				
Fresh Water			0	8.34	0	0		257					
Available Mix Water 500 Bbl.			Available Displ. Fluid 500 Bbl.			TOTAL		963.63	233.36				
HOLE		TBG-CSG-D.P.					COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	17	8090	6.276	7	26	CSG	8078	8078	P-110	8078	8030	6712	
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	800	800	No Liner	0	0	0	7	8RD	WATER BASED	9.2
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			
308.6	BBLS	Fresh Water	8.34	1297	0	0	0	0	7968	3000	Rig Tank		
		Fresh Water	8.34										
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 3			Circulation Rate: 4 BPM				
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 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: 4 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 41		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: 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				
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None													

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Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐
 Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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

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)
 Did not bump First plug.

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 5528 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:00	0	0	0	0	N/A	Yard call
07:37	0	0	0	0	N/A	Time left district
09:11	0	0	0	0	N/A	Time arrived on location
09:30	0	0	0	0	N/A	Spot trucks
09:35	0	0	0	0	N/A	Pre rig up safety meeting
12:30	0	0	0	0	N/A	Pre rig up safety meeting
13:00	0	0	0	0	WATER	Load lines
13:05	951	0	6	10	WATER	Fresh water spacer
13:10	591	0	4.1	20	WATER	Ultra flush II Spacer
13:34	880	0	4.1	47	CEMENT	Batch up weigh and pump 190 SXS of (50:50) POZ/G +0.2% CD-32 + 0.5% FL-52 + 0.3% SMS + 20% Silca Flour + 2% Bentonite @ 14.4 PPG
13:51	0	0	0	0	N/A	Drop plug
14:01	1207	0	6.6	130	MUD	Displacement
14:43	855	0	5.6	120	MUD	Drop rate
14:46	302	0	2	10	MUD	Drop rate to pass through stage tool
14:49	886	0	6.1	24	MUD	Increase rate
14:55	670	0	1.5	42	MUD	Drop rate
15:20	0	0	0	316	MUD	Shut down (did not bump plug over displaced by 3% per customer request)
15:25	0	0	0	0	N/A	Check Floats
15:33	0	0	0	0	N/A	Drop stage tool opening device
16:10	1680	0	0	10	MUD	Open stage tool
16:15	0	0	0	0	N/A	Switch over to rig for circulation
19:50	350	0	3.6	10	WATER	Fresh water spacer
19:56	351	0	3.4	20	WATER	ultra flush II
20:12	551	0	4.5	250	CEMENT	Batch up weigh and pump 800 SXS of PLC + 0.7% FL-52 + 0.2% ASA-301 + 6% Bentonite @ 12.7 PPG
20:07	150	0	2.4	23	CEMENT	Batch up weigh and pump 94 SXS (50:50) POZ/G +0.2% CD-32 + 0.5% FL-52 + 0.3% SMS + 20% Silca Flour + 2% Bentonite @ 14.4 PPG
20:14	0	0	0	0	N/A	Drop rate
20:24	729	0	6.7	170	MUD	Displacement
21:59	1458	0	4.9	80	MUD	Drop rate

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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	5528 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
22:18	1206	0	2	7	MUD	Drop rate	
22:32	2727	0	2	257	MUD	Bump plug	
22:39	0	0	0	0	N/A	Check stage tool	
22:40	0	0	0	0	N/A	Pre rig down safety meeting	
23:59	0	0	0	0	N/A	Time off location	

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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	2714	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	0	963	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	