

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 16-DEC-15	F.R. # 10011188168		SERV. SUPV. ERIC S DEWIT								
LEASE & WELL NAME HESTER FARMS #-36HN - API 05123419990000		LOCATION 31-7N-66W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Frontier 8		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES MD TVD							
Cement Plug, Rubber, Bottom 5-1/2	Centralizer, with Pins, 5-1/2 in												
	Float Collar, Auto Fill, 5-1/2 - Butt												
	Float Shoe 5-1/2 - Butt												
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	20					
50:50 Class G/Poz + Adds		C12-030-15	984	13.8	1.75	8.01	05:03	306.68	187.96				
Fresh Water + Alpha 1427 + Claycare			0	8.34	0	0	00:00	277.57					
UltraFlush II			0	11	5.18	34.93	00:00	60	54.09				
LEAD PLHS RM + Adds		C12-030-15	820	12	2.43	13.64	05:21	354.88	266.84				
Available Mix Water 500 Bbl.		Available Displ. Fluid 300 Bbl.	TOTAL		1019.13		508.89						
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	25	11969	4.892	5.5	17	CSG	11952	7170	P-110	11952	11940		
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	1552	1552	No Packer	0	0	0	5.5	BUTT	WATER BASED	9.9
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			
277.6	BBLS	Fresh Water + Alpha	8.34	1554	0	0	0	0	8512	5000	Frac Tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 6 BPM				
Mud Density In: 9.7 LBS/GAL Mud Density Out: 9.7 LBS/GAL						PV & YP Mud In: 11			PV & YP Mud Out: 11				
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: 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: 142		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: 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 6198 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:10	0	0	0	0	N/A	Leave yard
18:30	0	0	0	0	N/A	Arrive on location (45 miles) casing crew rigging down, rig circulating
18:43	0	0	0	0	N/A	Spot trucks
18:50	0	0	0	0	N/A	Pre rig up safety meeting
21:10	0	0	0	0	N/A	Pre job safety meeting
21:45	0	0	0	0	N/A	Rig up head and manifold
22:18	34	0	1	2	H2O	Load pumps and lines
22:21	6198	0	0	0	H2O	Pressure test pumps and lines
22:25	442	0	5.5	20	H2O	Fresh water spacer
22:45	450	0	5	58	BAR	Batch, and pump weighted spacer @11 ppg
23:04	527	0	7	340	CMT	Batch, weigh, and pump 820 sacks of PLHS Cement + Adds
00:01	621	0	6	299	CMT	Batch, and pump 984 sacks of (50:50):Poz (Fly Ash) Class G Cement + Adds
01:08	0	0	0	0	N/A	Shut down wash up pumps and lines, and release the plug
01:31	272	0	7.2	0	H2O	Start displacement, first 10 bbls sugar water
01:57	1338	0	0	183	H2O	Shut down so rig can swap return line to catch tanks
02:07	1944	0	5	183	H2O	Start pumping again
02:23	1805	0	3	260	H2O	Drop rate
02:28	2422	0	0	276	H2O	Bump the plug (31 bbls of cement to surface)
02:30	0	0	0	0	H2O	Check floats (floats held)
02:35	0	0	0	0	N/A	Pre rig down safety meeting
	0	0	0	0	N/A	Leave location
	0	0	0	0	N/A	Arrive back at the yard

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"/>	1844	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	31	955	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

