

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &				<b>DATE</b> 20-MAR-15		<b>F.R. #</b> 10011145340		<b>SERV. SUPV.</b> Edgar Lozano Diaz					
<b>LEASE &amp; WELL NAME</b> MATRIX #O-29HN - API 05123407000000				<b>LOCATION</b> 29-6N-65W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado					
<b>DISTRICT</b> Brighton				<b>DRILLING CONTRACTOR RIG #</b>				<b>TYPE OF JOB</b> Liner					
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
		Float Shoe 4-1/2 - 8rd											
		Float Collar, Al Flap, 4-1/2 - 8rd											
		Stop Collar, 4-1/2 in											
		Centralizer, with Fins, 4-1/2 in											
		Thread Locking Compound											
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>							
						<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
Fresh Water							8.34				20		
UltraFlush Spacer							12				40		
(50:50) Class G:Poz + Adds						380	14.5	1.44	6.19	04:32	97.4	55.94	
Fresh Water							8.34				136		
FRESH WATER ROLL THE HOLE							8.34				183		
Available Mix Water 300 Bbl.				Available Displ. Fluid 200 Bbl.		<b>TOTAL</b>					476.4	55.94	
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>							<b>COLLAR DEPTHS</b>			
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
6.125	15	11700	1	4.5	11.6	LNR	4984	6971	P-110	11694	11645.6		
			3.34	4	14	DP	4870	6971	P-110				
			2.563	4	29	DP	1840	6971	P-110				
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>				<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
6.3	7	26		7703	7045	TSP WT PACKER	6711	0	0	4.5	8RD	WATER BASED	9.3
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>		
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
136	BBLS	Fresh Water	8.34	1600	0	0	0	0	6000	5000	RIG TANK		
		FRESH WATER ROL	8.34										
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 4 BPM				
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 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"/>							
<b>Displacement And Mud Removal</b>													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 1.5 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:			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 checked="" type="checkbox"/> NO MANIFOLD													
<b>Plugs</b>													
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				
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>													
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				

# CEMENT JOB REPORT



## Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 3000 PSI With 8.34 LBS/GAL Mud Time Held: 00 Hours 05 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)  
 NA

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

### EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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	6400 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:00	0	0	0	0	0	LEAVE THE YARD	
12:50	0	0	0	0	0	ARRIVE TO LOCATION	
13:10	0	0	0	0	0	SPOT TRUCK	
13:20	0	0	0	0	0	RIG UP MEETING	
14:30	0	0	0	0	0	SAFETY MEETING	
15:55	0	0	0	0	0	MAKE TOP CONNECTION	
16:00	100	0	1	2	H2O	LOAD LINE	
16:06	2000	0	0	0	0	LOW PRESSURE TEST	
16:08	6400	0	0	0	0	PRESSURE TEST	
16:11	300	0	2.5	20	H2O	FRESH WATER SPACER	
16:18	400	0	2.5	40	H2O	ULTRA FLUSH SPACER	
16:35	300	0	3.8	97	CMT	BACH @ PUMP CEMENT @ 14.5# 380 SACKS	
17:23	0	0	0	0	0	TOLL HAND DROP TOP PLUG	
17:28	0	0	5	20	H2O	DISPLACEMENT PRESSURE @ RATE	
17:33	170	0	2	30	H2O	SLOW DISPLACEMENT PRESSURE @ RATE	
17:38	1300	0	2	10	H2O	CAUG WIPER PLUG @ TOLL	
17:47	1350	0	4.8	40	H2O	PRESSURE @ RATE	
17:53	850	0	4.8	30	H2O	SLOW PRESSURE @ RATE	
17:55	1600	0	2	6	H2O	BUMP PLUG	
17:58	0	0	0	0	0	TEST FLOAT @ HELD	
18:12	0	0	0	0	0	TOLL HAND SET PACKER	
18:15	2945	0	0	0	0	PRESSURE TEST BACK SIDE	
18:21	2925	0	0	0	0	BLEAD OFF BACK SIDE PRESSURE LOSS 20# AND 5 MIN	
19:05	0	0	7	183	H2O	FINISH ROLL THE HOLE 183 BbLS PUMP	
00:00	0	0	0	0	0	15 BbLS CEMENT BACK	
00:00	0	0	0	0	0	40 BbLS ULTRA FLUSH BACK	
00:00	0	0	0	0	0	TOP OF CEMENT @ 6709' CALCULATE	

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	1600	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	478	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

## BAYSWATER LINER 3-20-15

