

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 27-MAR-15		<b>F.R. #</b> 10011146464			<b>SERV. SUPV.</b> Edgar Lozano Diaz						
<b>LEASE &amp; WELL NAME</b> SHERLEY #H-4-9HN - API 05123409000000			<b>LOCATION</b> 4-5N-65W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Frontier 10			<b>TYPE OF JOB</b> Intermediate								
<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 7 - 8rd												
		Float Collar, Al Flap, 7 - 8rd												
		Stop Collar, 7 in												
		Centralizer, with Fins, 7 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			
MUD CLEAN I							8.5				20			
FRESH WATER							8.34				20			
PLHS + ADDITIVES						460	12	2.42	13.60	06:34	198.2	148.99		
50:50 Class G/Poz + Addis						230	14.4	1.22	5.37	04:20	50	29.34		
Fresh Water							8.34				275			
<b>Available Mix Water</b> 400 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 400 <b>Bbl.</b>				<b>TOTAL</b>		583.2		178.33		
<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>		
8.75	20	7534	6.184	7	29	CSG	7523	6880	P-110	7523	7474.2			
<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>
8.9	9.63	36		800	800	NO PACKER		0	0	0	7	BTS	WATER BASED	10.2
<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>			
275	BBLS	Fresh Water		8.34	2400	0	0	0	0	6000	4000	RIG TANK		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM						
Mud Density In: 10.2 LBS/GAL				Mud Density Out: 10.2 LBS/GAL				PV & YP Mud In: 15		PV & YP Mud Out: 15				
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: 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"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 45				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														
<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: 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)

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	6000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
02:00	0	0	0	0	0	LEAVE THE YARD	
02:45	0	0	0	0	0	ARRIVE TO LOCATION	
03:20	0	0	0	0	0	SPOT TRUCK	
03:40	0	0	0	0	0	RIG UP MEETING	
04:50	0	0	0	0	0	SAFETY MEETING	
06:20	0	0	0	0	0	STAB HEAD	
06:37	65	0	1	2	H2O	LOAD LINE	
06:40	750	0	0	0	0	LOW PRESSURE TEST	
06:42	6000	0	0	0	0	PRESSURE TEST	
06:47	200	0	4	20	H2O	FRESH WATER SPACER	
06:53	200	0	4	20	H2O	MUD CLEAN SPACER	
06:58	240	0	4	20	H2O	FRESH WATER SPACER	
07:12	400	0	4.5	198	CMT	BACH @ PUMP LEAD CEMENT @ 12# 460 SACKS	
08:00	250	0	4	50	CMT	TAIL CEMENT @ 14.4# 230 SACKS	
08:18	0	0	0	0	0	DROP TOP PLUG	
08:22	50	0	4	20	H2O	DISPLACEMENT PRESSURE @ RATE	
08:37	65	0	7	80	H2O	DISPLACEMENT PRESSURE @ RATE	
08:54	850	0	4.7	100	H2O	DISPLACEMENT PRESSURE @ RATE	
09:08	1700	0	3.5	60	H2O	SLOW PRESSURE @ RATE	
19:13	2400	0	2.5	15	H2O	BUMP PLUG	
09:22	0	0	0	0	0	TEST FLOAT @ HELD	
09:28	0	0	0	0	0	RIG DOWN MEETING	
09:30	0	0	0	0	0	JOB DONE TUR OVER TO RIG	
00:00	0	0	0	0	0	TOP OF LEAD @ SURFACE	
00:00	0	0	0	0	0	TOP OF TAIL @ 5731' CALCULATE	
00:00	0	0	0	0	0	4 BLS LEAD CEMENT BACK TO SURFACE	

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	2400	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	4	587	0	Y <input checked="" type="checkbox"/> N	

