

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &		<b>DATE</b> 02-MAY-15	<b>F.R. #</b> 10011152749		<b>SERV. SUPV.</b> VITALIJS A NEVERDASOV									
<b>LEASE &amp; WELL NAME</b> SHERLEY #D-4-9HN - API 05123409670000		<b>LOCATION</b> 4-5N-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>				
Dart For Plug Catcher, 4-1/2 In		Float Shoe 4-1/2 - 8rd		Liner Packer		6409	6926	Liner	6400	6926				
Cement Plug, Rubber, Top 4-1/2 in		Float Collar, Al Flap, 4-1/2 - 8rd												
<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		N/A		0	8.34	0	0	00:00	20					
UltraFlush Spacer		N/A		0	12	0	0	00:00	80					
(50:50) Class G:Poz + Adds		C056-002-15		780	14.5	1.44	6.18	05:56	200.4	115.17				
Fresh Water		N/A		0	8.34	0	0	00:00	189.5					
Available Mix Water <u>1000</u> Bbl.		Available Displ. Fluid <u>700</u> Bbl.				<b>TOTAL</b>		<u>489.9</u>	<u>115.17</u>					
<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	16566	3.92	4.5	13.5	CSG	16560	6926	P-110	16560	16506	1		
<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	CSG	7428	6926	WEATHERFORD LINER PAC		6409	0	0	2	1502	WATER BASED	9.6
<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>			
209.5	BBLS	Fresh Water		8.34	0	0	0	0	0	9928	4000	UPRIGHT TANK		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 3				Circulation Rate: 2 BPM						
Mud Density In: 9.6 LBS/GAL				Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In: 8		PV & YP Mud Out: 8				
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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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 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				
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>														
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														
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</b>								

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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	5527 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
20:00	0	0	0	0	N/A	YARD CALL	
22:34	0	0	0	0	N/A	LEAVE DISTRICT	
23:12	0	0	0	0	N/A	ARRIVE ON LOCATION, 32 MILES/ RIG IS CIRCULATING/ CUSTOMER WANT TO CIRCULATE FOR A WHILE TO GET PRESSURE DOWN	
23:25	0	0	0	0	N/A	SPOT TRUCKS	
23:37	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
00:43	0	0	0	0	N/A	RIG UP IS COMPLETE/ CEMENT CREW IS ON STAND BY/ WAITING ON RIG TO FINISH CIRCULATING	
03:59	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
04:43	297	0	1.6	1	H2O	LOAD LINE	
04:47	5527	0	.8	.1	H2O	PRESSURE TEST	
04:52	1629	0	4.1	20	H2O	FRESH WATER SPACER	
05:08	2207	0	2.5	76	H2O	BATCHWEIGH/PUMP ULTRA FLUSH SPACER @ 12 PPG	
05:43	2105	0	3	186	CMT	BATCH/ WEIGH/PUMP 780 SX OF CEMENT @ 14.5 PPG	
06:54	0	0	0	0	N/A	SHUT DOWN/ WASH UP PUMPS AND LINES	
07:11	1438	0	3.6	50	H2O	DISPLACEMENT	
07:25	1033	0	2	10	H2O	SLOW RATE DOWN TO PICK UP PLUG	
07:30	1759	0	3.6	129	H2O	INCREASE RATE	
08:04	3271	0	0	189	H2O	BUMP PLUG	
08:09	0	0	0	0	N/A	CHECK FLOATS/ FLOATS DID NOT HOLD	
08:13	2907	0	2	2	H2O	RE-BUMP PLUG	
08:16	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
08:18	1209	0	1.5	1	H2O	PRESSURE UP ON DRILL PIPE	
08:23	0	0	0	0	N/A	BLEED OFF	
08:31	0	2545	2	2	H2O	BACK SIDE TEST	
08:38	0	0	0	0	N/A	BLEED OFF	
08:41	1561	0	6	160	H2O	ROLL HOLE CLEAN	
09:10	0	0	0	0	N/A	SHUT DOWN/ JOB IS COMPLETE	

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	1759	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	631	0	Y <input checked="" type="checkbox"/> N	

