

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &		<b>DATE</b> 11-APR-15	<b>F.R. #</b> 10011149251		<b>SERV. SUPV.</b> VITALIJS A NEVERDASOV								
<b>LEASE &amp; WELL NAME</b> ARELLANO #R-10-9HC - API 05123411050000		<b>LOCATION</b> 10-5N-65W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b>		<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>							
Cement Plug, Rubber, Top 7 in	Centralizer, with Pins, 7 in	NONE	0	0	NONE	0 0							
	Float Shoe 7 - 8rd												
	Float Collar, Al Flap, 7 - 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	10					
MUD CLEAN I	N/A		0	8.5	0	0	00:00	20					
FRESH WATER	N/A		0	8.34	0	0	00:00	10					
PLHS + ADDITIVES	C04-032-15		483	12	2.42	13.59	05:23	208.1	156.44				
50:50 Class G/Poz + Addis	C04-032-15		230	14.4	1.22	5.37	04:13	50	29.34				
Fresh Water	N/A		0	8.34	0	0	00:00	274.9					
<b>Available Mix Water</b> 1000 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 600 <b>Bbl.</b>		<b>TOTAL</b>				573	185.78				
<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	25	7441	6.184	7	29	CSG	7449	6950	P-110	7449	7401	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>
8.9	9.63	36	CSG	790	790	NO PACKER	0	0	0	7	8RND	WATER BASED	9.9
<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>			
274.9	BBLS	Fresh Water	8.34	1480	0	0	0	0	8976	3000	RIG TANK		
<b>Circulation Prior to Job</b>													
Circulated Well: RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM				
Mud Density In: 9.9 LBS/GAL Mud Density Out: 9.9 LBS/GAL						PV & YP Mud In: 17			PV & YP Mud Out: 17				
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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 57			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				



# CEMENT JOB REPORT



## 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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING 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 4050 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:30	0	0	0	0	N/A	YARD CALL	
10:03	0	0	0	0	N/A	LEAVE DISTRICT/ ISSUES WITH EQUIPMENT	
10:52	0	0	0	0	N/A	ARRIVE ON LOCATION, 32 MILES/ RIG IS RUNNING CASING/ CANNOT SPOT TRUCKS, CASING CREW TRUCK IS ON THE WAY	
12:03	0	0	0	0	N/A	SPOT TRUCKS	
12:18	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
13:14	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
13:54	174	0	2	2	H2O	LOAD LINE	
13:58	4050	0	.8	.1	H2O	PRESSURE TEST	
14:00	375	0	5	10	H2O	FRESH WATER SPACER/ PER CUSTOMER ONLY 10 BBLS	
14:04	420	0	5	20	H2O	MUD CLEAN 1 SPACER	
14:08	451	0	5	10	H2O	FRESH WATER SPACER + DYE/ PER CUSTOMER ONLY 10 BBLS	
14:16	462	0	4.6	199	CMT	BATCH/WEIGH/PUMP 483 SX OF LEAD CEMENT @ 12 PPG/ CUSTOMER ORDERED 460 SX/ BHI LOADED 23 EXTRA SX FREE OF CHARGE	
15:04	250	0	3.6	48	CMT	PUMP 230 SX OF TAIL CEMENT @ 14.4 PPG	
15:19	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
15:27	1357	0	6.8	220	H2O	DISPLACEMENT	
16:01	1751	0	2	58	H2O	SLOW RATE	
16:36	2205	0	0	278	N/A	BUMP PLUG	
16:38	0	0	0	0	N/A	CHECK FLOATS/ FLOATS DID NOT HOLD	
16:43	2250	0	2.4	2	H2O	RE BUMP PLUG	
16:47	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
17:01	0	0	0	0	N/A	RIG DOWN SAFETY MEETING	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 1751	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 28	TOTAL BBL. PUMPED 557	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:



