

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 06-MAR-16		<b>F.R. #</b> 10011194381			<b>SERV. SUPV.</b> Anthony J Staples						
<b>LEASE &amp; WELL NAME</b> Albrighton K-10HC - API 05123424950000			<b>LOCATION</b> 10-6N-64W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Unit 406			<b>TYPE OF JOB</b> Long String								
<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>		
5-1/2" Top Cem Plug, Nitri cvr, Phen		Float Shoe 5-1/2 - 8rd												
		Float Collar, Auto Fill, 5-1/2 - 8rd												
		Centralizer, with Pins, 5-1/2 in												
<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						0	8.34	0	0		20			
50:50 Class G/Poz with BA-59			C03-001-16			1,930	13.2	1.66	8.15	04:54	570.6	374.62		
Fresh Water + Alpha 1427 + Claycare						0	8.34	0	0		273.70			
UltraFlush II							11	5.18	34.93		60	54.09		
50:50 Class G/Poz w/o BA-59			C03-001-16			200	13.2	1.65	8.12		58.91	38.69		
<b>Available Mix Water</b> 500 Bbl.			<b>Available Displ. Fluid</b> 500 Bbl.			<b>TOTAL</b>					983.21	467.39		
<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	11751	4.778	5.5	20	CSG	11729	6990		11729	11704	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	1547	1547	No Packer			0	0	5.5	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>			
259.5	BBLS	Fresh Water + Alpha		8.34	1762	0	0	0	0	10112	4000	frac tank		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 2			Circulation Rate: 7.4 BPM								
Mud Density In: 9.9 LBS/GAL			Mud Density Out: 9.9 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"/>					
<b>Displacement And Mud Removal</b>														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Amount Bled Back After Job: 3 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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 130			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					
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>														
Casing Test Pressure: 3294 PSI			With 8.34 LBS/GAL Mud			Time Held: 00 Hours 05 Minutes								
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</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	5288 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:30	0	0	0	0	N/A	Leave Yard	
17:15	0	0	0	0	N/A	Arrive on Location	
17:20	0	0	0	0	N/A	Spot Trucks	
17:30	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
18:35	0	0	0	0	N/A	Pre-Job Safety Meeting	
19:16	245	0	1.5	2	H2O	Load Lines	
19:19	5288	0	0	0	H2O	Pressure Test	
19:24	337	0	4.8	20	H2O	Fresh Water	
19:31	508	0	6	60	SPC	11.0# Ultra Flush II Spacer	
19:48	922	0	7.2	58	CMT	Batch, Weigh, and Pump 200sks, 13.2# 50:50:Poz (Fly Ash): Class G + .05% R-3 + .5% FL-63 + .2% CD-32 + .5% FL-52 + .3% ASA-301 + .2% SMS + 10lbs/sk CSE-2	
20:11	360	0	6.2	552	CMT	Batch, Weigh, and Pump 200sks, 13.2# 50:50:Poz (Fly Ash): Class G + .05% R-3 + .5% FL-63 + .2% CD-32 + .5% FL-52 + .3% ASA-301 + .2% SMS + .4% BA-59 + 10lbs/sk CSE-2	
22:21	0	0	0	0	H2O	Shut Down Wash Up	
22:35	0	0	0	0	H2O	Release Plug	
22:35	2803	0	5	160	H2O	Displace Fresh Water + Alpha 1427 + ClayCare	
23:12	2700	0	3	15	H2O	Rate Change	
23:18	3027	0	5.1	75	H2O	Rate Change	
23:31	2812	0	2.4	10	H2O	Rate Change	
23:36	3294	0	0	0	H2O	Bump Plug @ 260Bbls away, 110 Bbls CMT to Surface	
23:41	0	0	0	0	H2O	Check Floats....3 bbls Back	
	0	0	0	0	N/A	Pre-Rig Down Safety Meeting	

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	3294	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	110	952	0	Y <input checked="" type="checkbox"/> N	

