

# CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION		DATE 27-APR-13	F.R. # 1001983418	SERV. SUPV. CALEB C KINGSLEY										
LEASE & WELL NAME TRIANGLE #4-22 - API 05123370660000		LOCATION 22-7N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 7		TYPE OF JOB Surface										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
Cement Plug, Rubber, Top 8-5/8 in		Cement Basket, Slip On, 8-5/8 in		NONE		0	0	NONE		0	0			
		Centralizer, with Pins, 8-5/8 in		NONE		0	0	NONE		0	0			
		Float Collar, Auto Fill, 8-5/8 - 8rd		NONE		0	0	NONE		0	0			
		Guide Shoe, Cement Nose, 8-5/8 i												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sub>3</sub>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Fresh Water		0		0	8.34	0	0	00:00	38.7					
Fresh Water + Dye		0		0	8.34	0	0	00:00	10					
TypeIII+ 2%CaCl+.25%CF+.08SF		0		235	14.5	1.41	6.82	00:00	60.2	38.91				
Fresh Water		0		0	8.34	0	0	00:00	20					
Available Mix Water		200 Bbl.		Available Displ. Fluid		200 Bbl.		TOTAL		128.9	38.91			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	0	636	8.097	8.625	24	CSG	636	636	J-55	626	608	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID				
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
						NO PACKER OR CEMENT R	0			8.625	8RND	WATER BASED	9.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG TANK			
38.7	BBLS	Fresh Water	8.34	194	0	0	0	0	2950	2360				
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1				Circulation Rate: 6 BPM							
Mud Density In: 9.4 LBS/GAL			Mud Density Out: 9.4 LBS/GAL				PV & YP Mud In: 14			PV & YP Mud Out: 14				
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: 0 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: 4				Type: <input checked="" 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:				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														



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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	4427 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:30	0	0	0	0	NA	LEAVE THE DISTRICT	
08:40	0	0	0	0	NA	ARRIVE TO LOCATION	
09:40	0	0	0	0	NA	SPOT TRUCKS	
10:35	0	0	0	0	NA	SAFETY MEETING	
10:55	4427	0	.4	4	H2O	PRESSURE TEST	
11:00	126	0	6	30	H2O	FRESH WATER SPACER	
11:08	126	0	6	10	H2O	FRESH WATER SPACER WITH DYE	
11:10	0	0	0	0	NA	SHUT DOWN AND PREPARE FOR CMT	
11:14	201	0	4.8	55	CMT	LEAD CMT BATCHED AND PUMPED @ 14.5 PPG	
11:25	0	0	0	0	NA	SHUT DOWN AND WASH UP PUMP AND PREPARE FOR DISPLACEMENT	
11:27	0	0	0	0	NA	DROP PLUG	
11:30	75	0	4.8	20	H2O	DISPLACEMENT	
11:35	102	0	2.4	18	H2O	DROP RATE	
11:42	201	0	2.4	38	H2O	FINAL LIFT	
11:42	1031	0	2.4	0	H2O	BUMP PLUG	
11:45	276	0	0	0	H2O	SHUT IN	
11:47	0	0	0	0	NA	RIG DOWN	
12:25	0	0	0	0	NA	LEAVE LOCATION	

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 type="checkbox"/> Y <input checked="" type="checkbox"/> N	201	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	6	133	276	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	