

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 15-APR-13	F.R. # 1001980170		SERV. SUPV. AARON M MCWILLIAMS									
LEASE & WELL NAME THORNTON #12-22 - API 05123370550000		LOCATION 22-7N-66W		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		Guide Shoe, Cement Nose, 8-5/8 i		None		0	0	None		0	0			
None		Float Collar, AI Flap, 8-5/8 - 8rd		None		0	0	None		0	0			
		Centralizer, with Pins, 8-5/8 in		None		0	0	None		0	0			
		Cement Basket, Slip On, 8-5/8 in		None		0	0	None		0	0			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Fresh Water		0		0	8.34	0	0	00:00	54.3					
Fresh Water + Dye		0		0	8.34	0	0	00:00	40					
Typelll+ 2%CaCl+.25%CF+.08SF		0		335	14.5	1.41	6.82	00:00	84.12	54.36				
Available Mix Water 400 Bbl.		Available Displ. Fluid 250 Bbl.		TOTAL				178.42	54.36					
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	25	900	8.097	8.625	24	CSG	885	885	J-55	885	861	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		0			8.625	8RD	WATER BASED	9.6
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			
54	BBLS	Fresh Water		8.34	276	0	0	0	0	2360	1000	Rig tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM						
Mud Density In: 9.6 LBS/GAL				Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In: 17		PV & YP Mud Out: 17				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>				Units: 0				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
Displacement And Mud Removal														
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: Visually										
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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 5				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														
Plugs														
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						
Squeezes (Update Original Treatment Report for Primary Job)														
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				
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						
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	2860 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:00	0	0	0	0	N/A	Yard call	
06:15	0	0	0	0	N/A	Leave yard	
07:30	0	0	0	0	N/A	Arrive on location 45 miles rig running casing	
10:00	0	0	0	0	N/A	Spot trucks	
10:05	0	0	0	0	N/A	Rig up safety meeting	
10:40	0	0	0	0	N/A	Pre job safety meeting	
11:37	0	0	1	2	H2O	Load pumps and lines	
11:54	2860	0	0	0	H2O	Pressure test pumps and lines	
11:56	179	0	4.8	30	H2O	Fresh water pre flush	
12:02	204	0	4.8	10	H2O	Dyed spacer	
12:08	306	0	4.8	84	CMT	Batch up and pump 335 sks of TYPE III + 0.08 lbs/sack Static free + 2% A-7P Cal + 0.25 lbs/sack Cello Flake 14.5 ppg 1.41 yield 6.82 gps	
12:27	0	0	0	0	N/A	Drop plug	
12:33	383	0	4.8	40	H2O	Displacement	
12:42	357	0	3.6	10	H2O	Displacement rate change	
12:45	332	0	2.4	4	H2O	Displacement rate change	
12:47	397	0	2.4	54	H2O	Bump plug	
12:47	689	0	0	0	N/A	Plug down @ 54 bbl's 24 bbl's of CMT back	
12:49	326	0	0	0	N/A	Shut in	
12:50	0	0	0	0	N/A	Bleed pressure off	
12:55	0	0	0	0	N/A	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	397	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	24	178	326	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	