

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			
Fresh Water	0	0	8.34	0	0	00:00 54.3
Fresh Water + Dye	0	0	8.34	0	0	00:00 40
TypeIII+ 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	