

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 19-JAN-14	F.R. # 10011040202		SERV. SUPV. JASON L SJOBERG										
LEASE & WELL NAME HIRSCH #6-24 - API 05123379320000		LOCATION 24-7N-67W			COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Ensign 122			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		Alum Baffle Plate, Slip On, 8-5/8													
		Guide Shoe, Cement Nose, 8-5/8 i													
		Centralizer, with Pins, 8-5/8 in													
		Cement Basket, Slip On, 8-5/8 in													
MATERIALS FURNISHED BY BJ				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	8.34	0	0	00:00	48.40						
Fresh Water + Dye				0	8.34	0	0	00:00	10						
TypeIII + Adds				310	14.5	1.41	6.82	02:30	77.84	50.31					
Fresh Water				0	8.34	0	0	00:00	20						
Available Mix Water		250	Bbl.	Available Displ. Fluid		250	Bbl.	TOTAL		156.24 50.31					
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
12.25	0	847	8.097	8.625	24	CSG	836	836	J-55	836	794	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	8 RND	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				
48.4	BBLS	Fresh Water		8.34	253	0	0	0	0	2360	500				
											Rig				
Circulation Prior to Job															
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" 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: 0				PV & YP Mud Out: 0			
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"/>							
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: 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: 6				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)
Did not bump plug. Shut down at 52 bbls away, 1.5 over calculated. Shoe track is 2.67 bbls.

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	2677 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		
23:30	0	0	0	0	N/A	Yard Call		
02:15	0	0	0	0	N/A	Leave Yard		
03:20	0	0	0	0	N/A	Arrive on Location		
04:00	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting		
04:50	0	0	0	0	N/A	Safety Meeting		
05:30	2677	0	0	0	H2O	Pressure Test Pump and Lines		
05:33	136	0	4.8	20	H2O	Preflush Fresh Water		
05:37	141	0	4.8	10	H2O	Preflush Dye Water		
05:41	153	0	3.6	71	CMT	Batch, Weigh, Pump 14.5# Type III + .08 lbs/sack Static Free + 2% CaCl + .25 lbs/sack Cello Flake		
06:14	0	0	0	0	N/A	Drop Plug		
06:21	170	0	4.8	30	H2O	Displacement		
06:30	220	0	3.6	18	H2O	Drop Rate		
06:35	300	0	2.4	4	H2O	Drop Rate		
06:40	218	0	0	0	N/A	Shut in Head @ 218 psi		
06:45	0	0	0	0	N/A	Post Job 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:
Y <input checked="" type="checkbox"/> N		Y <input checked="" type="checkbox"/> N	8	122	218	Y <input checked="" type="checkbox"/> N	

