

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION			DATE 04-MAR-13		F.R. # 1001969846		SERV. SUPV. STEVEN S ISCHE						
LEASE & WELL NAME HIRSCH #19-24 - API 05123364140000			LOCATION 26-7N-67W				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			
8-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Ball Valve, 8-5/8 - 8rd		NONE		0		0		NONE 0 0			
		Centralizer, with Fins, 8-5/8 in											
		Cement Basket, Slip On, 8-5/8 in											
		Float Shoe 8-5/8 - 8rd											
MATERIALS FURNISHED BY BJ			LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
					SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water			0		0	8.34	0	0	00:00	45.3			
Fresh Water + Dye			0		0	8.34	0	0	00:00	10			
Type III + 2% CaCl + .25% CF + .08 SF			274		14.5	1.41	6.82	01:30	68.89	44.52			
FRESH WATER			0		0	8.34	0	0	00:00	30			
Available Mix Water 300 Bbl.			Available Displ. Fluid 255 Bbl.		TOTAL			154.19		44.52			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	25	720	8.097	8.625	24	CSG	720	720	J-55	754	712	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	
						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	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
45.3	BBLS	Fresh Water	8.34	228	0	0	0	0	2360	1000	RIG		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 6 BPM				
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 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: 1 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"/> 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: 6			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													
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"/>				
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	3028 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:31	0	0	0	0	NA	LEAVE YARD	
19:43	0	0	0	0	NA	ARRIVE ON LOCATION, 50 MILES	
19:54	0	0	0	0	NA	SPOT TRUCKS	
19:58	0	0	0	0	NA	PRE RIG UP SAFTY MEETING	
21:24	0	0	1.5	2	H2O	LOAD LINES	
20:35	0	0	0	0	NA	SAFTY MEETING WITH CREW FUNNEL VISC 39	
21:29	3028	0	0	0	NA	PRESSURE TEST	
21:32	196	0	4.9	30	H2O	WATER SPACER	
21:39	196	0	4.9	10	H2O	WATER SPACER WITH DYE	
21:43	170	0		3.4	CEMENT	BATCH UP , WEIGH AND SEND CEMENT	
22:08	0	0	0	0	NA	DROP PLUG	
22:11	298	0	5.7	30	H2O	DISPLACEMENT	
22:17	272	0	3.8	10	H2O	RATE CHANGE	
22:20	287	0	2	5	H2O	RATE CHANGE	
22:23	910	0	0	0	NA	BUMP PLUG	
22:30	0	0	0	0	NA	RIG DOWN SAFTY MEETING AND RIG DOWN	
23:15	0	0	0	0	NA	OFF 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:

☒ Y

☐ N

287

☒ Y

☐ N

11

150

221

☒ Y

☐ N



Baker Hughes JobMaster Program Version 3.60
Job Number: 1001969846
Customer: BAYSWATER
Well Name: HIRSCH 19-24

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