

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 08-NOV-15		F.R. # 10011182955			SERV. SUPV. STEPHEN J CARDOS						
LEASE & WELL NAME CARLSON #-15-16HN - API 05123417190000			LOCATION 15-5N-65W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Frontier 8			TYPE OF JOB Long String								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 4-1/2 in		Centralizer, with Pins, 4-1/2 in			N/A		0	0	N/A		0	0		
		Float Collar, Auto Fill, 4-1/2 - 8rd												
		Float Shoe 4-1/2 - 8rd												
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				N/A		0	8.34	0	0	00:00	40			
(50:50) Class G:Poz + Adds						670	14.5	1.44	6.18		171.8	98.82		
Fresh Water + Alpha 1427 + ClayCare				N/A		0	8.34	0	0	00:00	221			
Ultraflush II				N/A		0	10.5	0	0	00:00	60			
Available Mix Water 500 Bbl.			Available Displ. Fluid 500 Bbl.			TOTAL			492.8	98.82				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125	18	14870	3.92	4.5	13.5	CSG	14857	6862	P-110	14857	14854	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.
6.2	7	29	CSG	7371	6878	LINER		0	0	0	4.5	8RND	WATER BASED	10.2
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			
220.3	BBLS	Fresh Water + Alpha		8.34	900	0	0	0	0	9928	4000	FRAC TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM						
Mud Density In: 10.2 LBS/G				Mud Density Out: 10.2 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: .5 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 0				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	5196 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
03:00	0	0	0	0	N/A	LEAVE YARD	
04:00	0	0	0	0	N/A	ARRIVE ON LOCATION(RUNNING CASING)	
04:45	0	0	0	0	N/A	SPOT TRUCKS	
05:00	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING&RIG UP(CASERS RIGGING DOWN)	
07:15	0	0	0	0	N/A	SAFETY MEETING(RIG STILL CIRCULATING WELL)	
07:40	5196	0	0	0	H2O	PRESSURE TEST	
07:50	1082	0	5.6	40	H2O	FRESH WATER SPACER	
08:00	1408	0	5.2	60	ULTRA	ULTRAFLUSH SPACER	
08:15	1384	0	5.6	166	CMT	BATCH/WEIGH/PUMP 14.5 LB CEMENT	
09:10	0	0	0	0	H2O	DOWN/WASHUP/RELEASE PLUG	
09:20	2256	0	7.2	110	H2O	DISPLACEMENT(1ST 10 SUGAR)	
09:47	1751	0	6	180	H2O	DROP RATE	
09:59	896	0	3.6	210	H2O	DROP RATE	
10:04	660	0	2.4	221	H2O	DROP RATE	
10:14	1170	0	2.4	221	H2O	BUMP PLUG/HOLD PRESSURE	
10:17	0	0	0	0	H2O	BLEED OFF PRESSURE	
10:18	2500	0	0	4	H2O	PRESSURE UP ON DISK(4 BBL TO PRESSURE UP)	
10:19	523	0	2.4	5	H2O	PUMP WET SHOE	
10:24	0	0	0	0	H2O	RELEASE PRESSURE(.5 BBL BACK)	
10:28	0	0	0	0	N/A	JOB DONE	

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	1170	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	492	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	