

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 24-AUG-15	F.R. # 10011172959		SERV. SUPV. Daniel F Kuenz									
LEASE & WELL NAME CARLSON #F-15-16HN - API 05123417160000		LOCATION 15-5N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # FRONTIER 8		TYPE OF JOB Liner										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD								
4-1/2" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Pop Valve, 4-1/2 - 8rd												
		Float Shoe 4-1/2 - 8rd												
		Stop Collar, 4-1/2 in												
		Centralizer, with Pins, 4-1/2 in												
		Thread Locking Compound												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³								
Fresh Water					8.34									
UltraFlush II					10.5									
50:50Poz:G+.4%R3+.2%FL63+.6%FL52		C08-058-15		670	14.5	1.44								
+20%SF+3%Gel+.01gpsFP6L		C08-058-15			14.5									
Fresh Water, 1st 10 bbls Sugar Water					8.34									
OVER DISPLACEMENT					8.34									
Available Mix Water <u>400</u> Bbl.		Available Displ. Fluid <u>400</u> Bbl.		TOTAL		Bbl SLURRY Bbl MIX WATER								
						496.4 98.85								
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125	15	14691	3.92	4.5	13.5	CSG	14688	6823	P-110	14688	14674.9	1		
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	7254	6823	No Packer		0	0	0	4.5	BTC	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				
219.1	BBLS	Fresh Water, 1st 10 b	8.34	739	0	0	0	0	12410	9928	Rig Tanks			
		OVER DISPLACEME	8.34											
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2.5				Circulation Rate: 6.2 BPM						
Mud Density In: 9.4 LBS/GAL				Mud Density Out: 9.4 LBS/GAL				PV & YP Mud In: 18		PV & YP Mud Out: 18				
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"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 16				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	

Rig just starting to run casing when we arrived on location 22:45 8/23

CEMENT JOB REPORT



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

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: /2015

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	5596 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
20:00						YARD CALL 08/23/2015	
21:45						PRE-JOB CONVOY SAFETY MEETING	
22:00						DEPART BHI YARD	
22:45						ARRIVE ON LOCATION	
22:50						SPOT CEMENT EQUIPMENT IN CORNER OF LOCATION	
23:00						ALL EO'S OFF DUTY WELLSITE, RIG STARTING TO RUN CASING	
10:30	1690	0	6.2	1000	WBM	CASING LANDED RIG CIRCULATING	
10:35						ALL EO'S BACK ON DUTY	
10:40						SAFETY WALK AROUND ON LOCATION	
10:45						PRE-RIG UP SAFETY MEETING	
10:50						SPOT CEMENT EQUIPMENT ON LOCATION	
11:00						RIG UP GROUND IRON, BULK TRUCKS, WATER HOSES	
12:00						ALL EO'S OFF DUTY WELLSITE, RIG CIRCULATING OUT GAS	
12:59						ALL EO'S BACK ON DUTY	
13:00						PRE-JOB SAFETY MEETING	
13:15						STAB CEMENT HEAD	
13:33	369	0	2.4	2	H2O	LOAD LINES, FRESH WATER SPACER	
13:35	5596	0	0	0	H2O	PRESSURE TEST HARD LINES	
13:39	609	0	4.9	18	H2O	FRESH WATER SPACER	
13:45	0	0	0	0	H2O	BATCH UP ULTRA FLUSH II SPACER 10.5#	
13:50	1296	0	6	80	H2O	ULTRA FLUSH SPACER 10.5#	
14:13	0	0	0	0	CEMENT	BATCH UP CEMENT SLURRY 14.5#	
14:19	690	0	4.9	100	CEMENT	670sks (50:50)Poz:G @ 14.5# CEMENT SLURRY	
14:39	679	0	4.9	72.3	CEMENT	670sks (50:50)Poz:G @ 14.5# CEMENT SLURRY	
15:04	0	0	0	0	CEMENT	SHUT DOWN, WASH UP CEMENT PUMP, DROP TOP PLUG	
15:19	96	0	6.1	56	H2O	FRESH WATER DISPLACEMENT, 1st 10 bbls RETARDED SUGAR WATER	
15:29	269	0	6.1	44	H2O	CAUGHT CEMENT, FRESH WATER DISPLACEMENT	
15:37	1839	0	6.1	50	H2O	FRESH WATER DISPLACEMENT	
15:46	1609	0	6.1	50	H2O	FRESH WATER DISPLACEMENT	
15:54	690	0	2.4	19.1	H2O	SLOW RATE, FRESH WATER DISPLACEMENT	
16:00	1609	0	0	0	H2O	BUMP PLUG	
16:01	2496	0	.9	.5	H2O	SHIFT TOOL	
16:02	869	0	2.6	5	H2O	OVER DISPLACEMENT, RETARDED SUGAR WATER WET SHOE	
16:04	690	0	0	0	H2O	SHUT DOWN	
16:05	690	0	0	0	H2O	TEST FLAOTS, BLEED OFF PRESSURE	

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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 5596 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:06	0	0	0	0	H2O	FLOATS HELD, 1/2 bbl FLOWED BACK	
16:07						SHUT DOWN, TURNED WELL BACK OVER TO RIG	
16:10						POST-JOB SAFETY MEETING, RIG DOWN	
						TOP OF CEMENT @ APPROX 4719'	
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION !!!!! DANIEL & THE CREW	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>Service Supervisor Signature:</u>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1609	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	496.4	0	Y <input checked="" type="checkbox"/> N	

