

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION			DATE 08-JUL-15		F.R. # 10011163596		SERV. SUPV. FELIPE LANDA							
LEASE & WELL NAME SHERLEY #J-4-9HN - API 05123408990000			LOCATION 4-5N-65W				COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Frontier 10				TYPE OF JOB Liner							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
BJ Cement Plug, Rubber, Top 4-1/2		Float Collar, Auto Fill, 4-1/2 - 8rd						Liner		6737	7038			
		Float Shoe 4-1/2 - 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							8.34				20			
(50:50) Class G:Poz + Adds				976			13	2.06	10.28		358	238.95		
Fresh Water + Alpha 1427 + ClayCare							8.34				214.4			
Ultraflush							10.5				80			
Available Mix Water		800		Bbl.		Available Displ. Fluid		800		Bbl.		TOTAL		
												672.4	238.95	
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125		17020	3.34	4	14	DP	4053							
			2.563	4	28.9	DP	2660							
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.
6.3	7	26	CSG	7224	7038	LINER		6737	0	0	4	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		
214.4	BBLS	Fresh Water + Alpha		8.34	1701	0		0	0	0	9020	7216	TANK	
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 3				Circulation Rate: 4 BPM				
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL						PV & YP Mud In: 14				PV & YP Mud Out: 14				
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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 0						Competition:		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 6135 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
21:00	0	0	0	0	NA	ARRIVE ON LOCATION
21:20	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING
23:30	0	0	0	0	NA	PRE JOB SAFETY MEETING
00:13	75	0	.8	1	H2O	LOAD LINES
00:15	6135	0	0	0	H2O	PRESSURE TEST
00:26	1483	0	5	20	H2O	FRESH WATER
00:42	1466	0	5	80	H2O	ULTRA FLUSH II @ 10.5 PPG
01:03	1983	0	5.1	359	CEMENT	975 SACKS OF 50:50 POZ (FLY ASH) : CLASS "G" CEMENT + 0.55% R-3 + 0.6% FL-63 + 0.4% FL-52 + 0.6% ASA-301 + 0.01 gps FP 6L + 0.1% SODIUM METASILICATE + 20% SILICA FLOUR + 10 lbs/sack CSE-2 + 2% BENTONITE II @ 13 PPG
02:43	0	0	0	0	H2O	WASH PUMP AND LINES
02:56	0	0	0	0	NA	DROP PLUG
02:57	1830	0	4.5	50	H2O	DISPLACE
03:08	714	0	2	20	H2O	RATE CHANGE
03:17	2522	0	4.5	130	H2O	RATE CHANGE
03:45	1767	0	2	14	H2O	RATE CHANGE
03:50	2359	0	2	0	H2O	BUMP PLUG @ 214 BBLs
03:52	0	0	0	0	H2O	CHECK FLOATS
04:00	0	0	0	0	NA	STOMP PACKER
04:15	0	24	2	2	H2O	LOAD LINES BACK SIDE
04:22	0	2386	0	0	H2O	TEST PACKER
04:27	0	2371	0	0	H2O	END PACKER TEST
04:34	2285	0	6	180	H2O	CIRCULATE CLEAN (10 bbls cement to surface)
05:10	0	0	0	0	NA	POST JOB 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	2359	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	854	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

