

CEMENT JOB REPORT



CUSTOMER Petroleum Development Corp 01		DATE 16-FEB-11	F.R. # 1001762123		SERV. SUPV. AARON M MCWILLIAMS							
LEASE & WELL NAME HOFFNER #32-32 - API 05123190000000			LOCATION SEC 32 - 6 N - 64 W		COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O			TYPE OF JOB Squeeze-Top							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES							
		No Shoe			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ												
Mud Clean II					0	8.34	0	0	00:00	10		
Fresh Water					0	8.34	0	0	00:00	1.5		
Premium Lite Cement + additives					912	12.5	1.89	10.38		307	225.62	
Clay treat water					0	8.3	0	0	00:00	10		
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>100</u> Bbl.			TOTAL					328.5	225.62	
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
11	0	6955	4.5	10.5	CSG	6955	N-80	0	0	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	324	No packer		0	0	0	1.315	8RD	WATER BASED ML	9
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		
1.5	BBLS	Fresh Water	8.34	0	0	0	12888	2500	6224	2500	Frack Tank	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1			Circulation Rate: 2 BPM						
Mud Density In: 9 LBS/GAL			Mud Density Out: 9 LBS/GAL			PV & YP Mud In: 0			PV & YP Mud Out: 0			
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>			Units: 0			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: Visually									
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 checked="" type="checkbox"/> RECIPROICATION <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: 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 checked="" 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						
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									
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None												

CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

N/A

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	CO. REP.
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						TEST LINES 4700 PSI	
						<input checked="" type="checkbox"/>	<input type="checkbox"/>
06:15	0	0	0	0	N/A	CIRCULATING WELL - RIG	
07:40	0	0	0	0	N/A	Pre rig up safety meeting	
08:00	4700	0	0	0	H2O	Pre job safety meeting	
08:05	2060	0	1.8	10	MUD CLEAN	Pressure test pumps and lines	
08:14	1960	0	1.8	10	CT-3C	Mud clean II	
08:30	1890	0	1.6	148	CMT	Claytreat spacer	
10:00	1150	0	1.1	1.5	H2O	Batch up and pump 440sk of PLC + 0.4% FL-52 + 3% Bentonite 12.5 ppg 1.89 yield 10.38 gps	
10:03	0	0	0	0	N/A	1st stage displacement	
10:35	2340	0	1.6	147	CMT	Pull tubing	
12:02	2135	0	1.4	1.5	H2O	Batch up and pump 437sk of PLC + 0.4% FL-52 + 3% Bentonite 12.5 ppg 1.89 yield 10.38 gps	
12:55	2080	0	1.8	12	CMT	2nd stage displacement	
13:11	680	0	1.1	.5	H2O	Batch up and pump 36sk of PLC + 0.4% FL-52 + 3% Bentonite 12.5 ppg 1.89 yield 10.38 gps	
13:12	0	0	0	0	N/A	3rd stage displacement	
13:15	0	0	0	0	N/A	Stop pumping	
						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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	5	330.5	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

K T.C