CEMENT JOB REPORT

CUSTOMER Petroleum Development Corp 0	DATE 04-NOV-10	F.R. # 1001714281	SERV. SUPV. JEFFREY A ANDERSON
LEASE & WELL NAME BOOTH #12-25 - API 05123228040000	LOCATION SEC 25 - 7 N - 65 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

MATERIALS FURNISHED BY BJ	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Mud Clean II	0	8.34	0	0	00:00	10	
Premium Lite Cement + Adds	345	11	3.22	19.86		132.5	109.38
Fresh Water	0	8.34	0	0	00:00	2	
Clay treat water	0	8.3	0	0	00:00	10	
					TOTAL	154.5	109.38

Available Mix Water 300 Bbl. Available Displ. Fluid 100 Bbl.

HOLE SIZE	HOLE % EXCESS	HOLE DEPTH	TBG-CSG-D.P. SIZE	WGT.	TYPE	DEPTH	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
10	0	2750	4.5	10.5	CSG	2750				
			8.625	24	CSG	534				

LAST CASING SIZE	WGT	TYPE	DEPTH	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
8.625	24		415	No Packer	0	0	0	1.315	8RD	KCL WATER	8.4

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
2	BBLS	Fresh Water	8.34	0	0	0	4000	3500	0	0	Transport

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 1 | Circulation Rate: 1 BPM

Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL | PV & YP Mud In: 0 | PV & YP Mud Out: 0

Gas Present: NO [ ] YES [X] Units: 0 | Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X] | Amount Bled Back After Job: .1 BBLS

Returns During Job: [ ] NONE [X] PARTIAL [ ] FULL | Method Used to Verify Returns: Visual

Cement Returns at Surface: [X] YES [ ] NO | Were Returns Planned at Surface: [ ] NO [X] YES

Pipe Movement: [ ] ROTATION [X] RECIPROCATION [ ] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [X] NO [ ] YES | Quantity: | Type: [ ] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [ ] MANIFOLD [X] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 | Wiper Balls Used: [X] NO [ ] YES Quantity:

Plug Catcher Used: [X] NO [ ] YES | Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] NO [ ] YES | Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ] SHOE SQUEEZE [ ] TOP OF LINER SQUEEZE [ ] PLANNED [ ] UNPLANNED [ ]

Liner Packer: [X] NO [ ] YES | Bond Log: [X] NO [ ] 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

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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)
Tubing got stuck and we ended pulling tubing twice, leaving tubing in cement, still it came free and we got returns back.

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 4500 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
07:10	0	0	0	0	N/A	Pre Rig Up Meeting
08:40	0	0	0	0	N/A	Safety Meeting
08:49	4569	0	0	0	WATER	Pressure Test
08:55	2349	0	2	10	WATER	Mud Clean II
09:02	2206	0	2	10	WATER	Claytreat Water
09:08	2433	0	2	26	CEMENT	Batch up and pump 173 sks @ 11 PPG of PLC + 4% Bentonite + 0.6% Sodium Metasilicate + 8 Lbs/Sk CSE-2 + 190.4% Fresh Water
09:21	0	0	0	0	N/A	Pull Tubing
10:00	850	0	1.3	6	CEMENT	Pump Cement
10:05	0	0	0	0	N/A	Pull Tubing
10:25	439	0	1	58	CEMENT	Pumped rest of 173 sks Cement
11:22	1233	0	1.5	2	WATER	Displacement
11:25	0	0	0	0	N/A	Pull Tubing
11:45	1289	0	1.7	42.5	CEMENT	Batch up and pump 75 sks @ 11 PPG of PLC + 4% Bentonite + 0.6% Sodium Metasilicate + 8 Lbs/Sk CSE-2 + 190.4% Fresh Water
12:10	0	0	0	0	N/A	Job Done
12:35	0	0	0	0	N/A	Pre Rig Down 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 [N]	0	Y [N]	10	154.6	0	Y [N]	