

CEMENT JOB REPORT



CUSTOMER Kerr McGee Corp			DATE 15-JUL-10		F.R. # 1001650789		SERV. SUPV. PHILLIP S MULLINS		
LEASE & WELL NAME CLARK FRANCIS D UNIT B #1 - API 0512307740000			LOCATION 14-1N-67W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Workover			TYPE OF JOB Squeeze-Hole			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ											
Premium Lite Cement + adds				70	12.5	1.89	10.37	01:00	22	16.12	
Fresh Water				0	8.34	0	0	00:00	20		
Class "G" Neat				50	15.8	1.15	5.00		10	5.82	
Fresh Water				0	8.34	0	0	00:00	30.3		
Fresh Water				0	8.34	0	0	00:00	95		
Available Mix Water <u>240</u> Bbl.				Available Displ. Fluid <u>222.7</u> Bbl.				TOTAL		<u>177.3</u>	<u>21.94</u>

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
0	0	0	4.5	11.6	CSG	5000	N-80			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.
				Cement Retainer	4470	4400	4520	2.375	8RD	WATER BASED MU	8.5

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	
17.3	BBLS	Fresh Water	8.34	0	214	4000	8960	4000	6224	4000	Transports

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 3 Circulation Rate: 2 BPM

Mud Density In: 8.5 LBS/GAL Mud Density Out: 0 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO ☐ YES ☒ Units: 0 Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: .01 BBLS

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: Visually

Cement Returns at Surface: ☒ YES ☐ NO Were Returns Planned at Surface: ☐ NO ☒ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROICATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☒ NO ☐ YES Quantity: Type: ☐ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☐ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ 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: ☒ NO ☐ YES Bond Log: ☒ NO ☐ YES PSI Applied: 1500 Fluid Weight: 8.34 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)

N/A

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		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	5000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:50	0	0	0	0	N/A	PRe rig up safety meeting	
07:50	0	0	0	0	N/A	Pre job safety meeting	
08:10	5000	0	0	0	H2O	Pressure test pumps and line	
08:13	500	0	1.3	20	H2O	Spacer	
08:28	100	0	1.2	22	CEMENT	Batch up and pump 70 sks of PLC + 0.25% R-3 + 0.4% FL-52 + 3% Bentonite+ 0.25 lbs/sack Cello Flake @ 12.5#	
08:44	900	0	1.3	5	CEMENT	Mix and pump 25 sks of G Neat @ 15.8#	
08:50	1800	0		17.3	H2O	Displace	
09:03	0	0	0	0	N/A	Sting out	
09:04	300	0		35	H2O	Reverse out	
09:32	0	0	0	0	H2O	Pull pipe	
09:41	150	0	1.2	5	H2O	Spacer	
09:46	140	0	1.4	5	CEMENT	Mix and pump 25 sks of G Neat @ 15.8#	
09:49	90	0	1.3	13	H2O	Displace	
09:59	0	0	0	0	N/A	Pull pipe/ Wash up	
10:10	200	0	1.3	44	H2O	Reverse out	
10:43	1200	0	.4	1.5	H2O	Hesitate squeeze	
11:24	1200	0	.4	.5	H2O	Squeezed off	
11:30	0	0	0	0	N/A	Stop service	
11:35	0	0	0	0	N/A	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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2		168.3	1200	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



BJ Services JobMaster Program Version 3.20

Job Number: 1001650789

Customer: KMG

Well Name: Clark Francis D Unit B #1

