

CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT		DATE 05-JUL-12	F.R. # 1001920319	SERV. SUPV. CHRISTOPHER MCKEON
LEASE & WELL NAME GUTTERSEN #43-12 - API 05123262710000		LOCATION SEC 12 - 3 N - 64 W	COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Briarton		DRILLING CONTRACTOR RIG # N/A	TYPE OF JOB Squeezes-Top	
SIZE & TYPE OF PLUGS NA-Squeeze		LIST-CSG-HARDWARE NA-Squeeze	MECHANICAL BARRIERS	HANGER TYPES MD TVD

PHYSICAL SLURRY PROPERTIES									
MATERIALS FURNISHED BY BU	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Mud Clean II		0	8.34	0	0	00:00	12		
Premium Lite Cement + Addis	C07-016-12	290	13.4	1.55	7.87	02:49	80.11	54.31	
Fresh Water		0	8.34	0	0	00:00	1		
Clay treat water		0	8.3	0	0	00:00	10		
Premium Lite cement + additives	C07-016-12	415	13.4	1.55	7.87	02:18	114.50	77.81	
Available Mix Water	150	Bbl.	Available Displ. Fluid	150	Bbl.	TOTAL	217.61	132.12	

TBG-CSG-D.P.										COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
9	0	3300	4	4.5	11.6	CSG	3300	3300	N-80			
					1.278		1.66	3.02	TBG			

LAST CASING													
ID	OD	WGT	TYPE	MID	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF-DEPTH	TOP BITM	SIZE	THREAD	WELL FLUID	WGT.
8.1	8.63	24	CSG	695	695	No packer			0	2.375	8RD	KCL WATER	8.4

DISPL. VOLUME											
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER
0	BBLs			0		0	8856	2300	8224	2300	Transport

Circulation Prior to Job

Circulated Well: Rig BU Circulation Time: 1 Circulation Rate: 2 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 Units: Solids Present at End of Circulation: NO YES

Displacement And Mud Removal

Displaced By: Rig BU Amount Bled Back After Job: 0 BBLs

Returns During Job: NONE PARTIAL FULL Method Used to Verify Returns: Visual

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

Pipe Movement: ROTATION RECIPROCATION 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 B.J.: 0 Competition: 0 Wiper Balls Used: NO YES Quantity: YES YES

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: 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: NA

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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)		
NA		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)		
NA		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)		
NA		

PRESSURERATE DETAIL						EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BU CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES 4488 PSI	CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BU <input type="checkbox"/>
11:20	0	0	0	0	NA	Arrive location		
11:25	0	0	0	0	NA	Spot trucks		
11:30	0	0	0	0	NA	Rig up safety meeting		
11:55	0	0	0	0	NA	Pre job safety meeting		
12:04	1049	0	0	0	H2O	Low pressure test		
12:05	4488	0	0	0	H2O	High pressure test		
12:06	1606	0	2	10	H2O	ClayCare		
12:13	1646	0	2	12	H2O	Mud Clean II		
12:16	1653	0	2	10	H2O	ClayCare		
12:23	1750	0	2	83	CMT	Batch up, weigh and pump 290 sx. P.L.C @ 13.4 ppg		
13:10	0	0	0	0	NA	Shut down/ Pull tubing		
13:38	1070	0	2	85	CMT	Batch up, weigh and pump 350 sx. P.L.C @ 13.4 ppg.		
14:23	0	0	0	0	NA	Shut down/ wash up		
14:30	0	0	0	0	NA	Rig down safety meeting		

Service Supervisor Signature:

BUMPED PUMP PLUG N 0

PSI TO BUMP PLUG Y

TEST FLOAT EQUIP. N

BBL CMT RETURNS/ REVERSED Y 7

TOTAL BBL. PUMPED 200

PSI LEFT ON CSG 0

SPOT TOP OUT CEMENT Y