

CEMENT JOB REPORT



CUSTOMER: PETROLEUM DEVELOPMENT	DATE: 01-JUL-14	F.R. #: 10011079727
LEASE & WELL NAME: TRINITY #43-7 - API 05123229730000	LOCATION: 7-6N-63W	SERV. SUPV.: FELIPE LANDA
DISTRICT: Division	DRILLING CONTRACTOR RIG # WO	COUNTY-PARISH-BLOCK: Weld Colorado
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS: Retainers
		PHYSICAL SLURRY PROPERTIES: 3850

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT		SLURRY WGT PPG		SLURRY YLD FT ³		WATER GPS		PUMP TIME HR:MIN		Bbl	Bbl
		OF	CEMENT	WGT	PPG	YLD	FT ³	GPS	HR:MIN	SLURRY	MIX WATER		
Treated Water				8.3								0	
Plug 2			200	15.8	8.3	1.16		5.00				41.48	23.79
Fresh Water												10	
Mud Clean												10	
ClayCare												5	
Plug 1				55	13.5	1.71		8.29				16.7	10.81
Fresh Water												1	
Available Mix Water	150	Bbl.	Available Displ. Fluid	150	Bbl.	TOTAL						84.18	34.60

HOLE		TBG-CSG-D.P.		COLLAR DEPTHS		STAGE		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	SHOE	FLOAT
8.1	8.63	24	4.15	4.5	11.6	CSG		
			1.995	2.375	4.7	TBG		
LAST CASING		PKR-CMT RET-BR PL-LINER	DEPTH	PERF. DEPTH	TOP CONN	WELL FLUID		
		BRAND & TYPE	3850	TOP	BTM	TYPE		
		CEMENT RETAINER	3850	0	2.375	BRD		
DISPL. VOLUME	UOM	DISPL. FLUID	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	MAX CSG PSI
10	BBLs	Fresh Water	8.3	0	0	11200	1500	9970
		Fresh Water	8.34				1500	1500

Circulation Prior to Job

Circulated Well: Rig BJ Circulation Time: 1 Circulation Rate: 3 BPM

Mud Density In: 8.34 LBS/G Mud Density Out: 8.34 LBS/GAL PV & YP Mud In: PV & YP Mud Out:

Gas Present: NO YES Units: Solids Present at End of Circulation: NO YES

Displacement And Mud Removal

Displaced By: Rig BJ Amount Bleed 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 RECIPROCCATION 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: 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: 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

CEMENT JOB REPORT



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

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

PRESSURE/RATE DETAIL						EXPLANATION																			
TIME HR:MIN.	PRESSURE - PSI PIPE	PSI ANNULUS	RATE BPM	BBL FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW	TEST LINES	CO. REP.																	
06:00	0	0	0	0	NA	ARRIVE ON LOCATION	CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ																
07:45	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING																			
08:35	0	0	0	0	NA	SAFETY MEETING																			
08:48	0	0	.8	1	H2O	LOAD LINES																			
08:54	3289	0	0	0	H2O	PRESSURE TEST																			
09:00	550	0	.8	16.5	PLUG 1	55 SACKS OF 50:50 POZ (FLYASH) : CLASS "G" CEMENT + 0.6% FL-52 + 0.01 gps FP-6L + 20% SILICA FLOUR + 3% BENTONITE II @ 13.5 PPG																			
09:26	900	0	.8	5	H2O	DISPLACE/RIG STUNG OUT OF RETAINER (6.5 BLS CEMENT THROUGH RETAINER)																			
09:28	818	0	.8	12	H2O	DISPLACE (10 BLS OF CEMENT ON TOP OF RETAINER)																			
09:32	0	0	0	0	H2O	BALANCE CEMENT																			
09:40	0	0	0	0	H2O	WASH PUMPLINES (RIG PULLING STANDS)																			
11:54	0	0	2	10	H2O	MUD CLEAN I																			
12:01	48	0	2	5	H2O	CLAYCARE WATER																			
12:10	173	0	2.4	41	PLUG 2	200 SACKS OF CLASS "G" CEMENT + 2% CALCIUM CHLORIDE + 0.01 gps FP-6L @ 15.8 PPG																			
12:28	223	0	2.4	1	H2O	DISPLACE (7 bbls cement to surface)																			
12:30	0	0	0	0	H2O	BALANCE CEMENT																			
12:45	0	0	0	0	NA	POST JOB RIG DOWN SAFETY MEETING																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BUMPED PLUG</td> <td>PSI TO BUMP PLUG</td> <td>TEST FLOAT EQUIP.</td> <td>BBL CMT RETURNS/ REVERSED</td> <td>TOTAL BBL. PUMPED</td> <td>PSI LEFT ON CSG</td> <td>SPOT TOP OUT CEMENT</td> <td>Service Supervisor Signature:</td> </tr> <tr> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td>0</td> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td>7</td> <td>82</td> <td>0</td> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td></td> </tr> </table>						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"/>	7	82	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>					
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