

CEMENT JOB REPORT



CUSTOMER TEKTON ENERGY LLC		DATE 25-MAY-12	F.R. # 1001911157	SERV. SUPV. RYAN R STEVENS								
LEASE & WELL NAME FRYE FARMS #7-5-32 - API 05123353240000		LOCATION 32-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Surface								
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD							
Cement Plug, Rubber, Top 8-5/8 in	Guide Shoe, Texas-Notched 8-5/8 in											
	Alum Baffle Plate, Slip On, 8-5/8											
	Centralizer, with Pins, 8-5/8 in											
	Cement Basket, Slip On, 8-5/8 in											
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES									
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³							
Fresh Water			0	8.34	0							
Fresh Water + Dye			0	8.34	0							
Type III+1.5%CaCl+.15#/skCF			360	14.5	1.41							
Fresh Water			0	8.34	0							
Available Mix Water 500 Bbl.		Available Displ. Fluid 180 Bbl.		TOTAL 175.15 58.46								
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	0	915	8.097	8.625	24	CSG	903	903	J-55	903	861	0
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID	
ID	OD	WGT.	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD
						No Liner					8.625	8RD
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		
55	BBLS	Fresh Water	8.34	275	0	0	0	0	2360	1500	Rig tank	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 6 BPM			
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						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: Visual						
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 type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 10			Type: <input checked="" 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 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						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None												

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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) 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		

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 3298 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
05:15	0	0	0	0	N/A	Yard call		
08:10	0	0	0	0	N/A	Arrived on location (36 miles) Rig waiting on a baffle plate then run the CSG.		
09:59	0	0	0	0	N/A	Spot trucks		
10:05	0	0	0	0	N/A	Pre rig up safety meeting		
10:50	0	0	0	0	N/A	Pre job safety meeting		
11:04	3298	0	0	0	H2O	Pressure test pumps and lines		
11:07	154	0	5.6	30	H2O	Fresh water spacer + Dye		
11:17	88	0	3.3	84	CEMENT	Batch up, weigh and pump 360 SXS of Type III cement + 0.08 Lbs/ Sack Static free + 1.5% Calcium Chloride + 0.15 Lbs/Sack Cello flake		
11:47	0	0	0	0	N/A	Drop plug		
11:52	307	0	5.6	45	H2O	Displacement		
12:06	324	0	4.1	5	H2O	Drop rate		
12:09	266	0	1.3	5	H2O	Drop rate		
12:11	300	0	0	0	H2O	Bump Plug		
12:13	300	0	0	0	N/A	Shut in head		
12:14	0	0	0	0	N/A	Pre rig down safety meeting		
12:45	0	0	0	0	N/A	Time off location		
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 300	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 11	TOTAL BBL. PUMPED 169	PSI LEFT ON CSG 300	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Service Supervisor Signature:	