

## CEMENT JOB REPORT



CUSTOMER TEKTON ENERGY LLC		DATE 23-FEB-12	F.R. # 1001890127	SERV. SUPV. AARON M MCWILLIAMS										
LEASE & WELL NAME PAVISTMA #5-3-32 - API 05123349370000		LOCATION 32-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 55		TYPE OF JOB Surface										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
Cement Plug, Rubber, Bottom 8-5/8		Float Collar, Auto Fill, 8-5/8 - 8rd												
		Guide Shoe, Texas-Notched 8-5/8 i												
		Centralizer, with Pins, 8-5/8 in												
		Cement Basket, Slip On, 8-5/8 in												
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES										
				LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water				0	0	8.34	0	0	00:00	53.5				
Fresh Water + Dye				0	0	8.34	0	0	00:00	20				
Type III+1.5%CaCl+.15#/skCF				0	346	14.5	1.41	6.82	02:30	86.88	56.33			
Available Mix Water 500 Bbl.				Available Displ. Fluid 300 Bbl.				TOTAL		160.38	56.33			
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	40	908	8.097	8.625	24	CSG	880	880	J-55	880	841	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	TYPE	WGT.
No packer								0			8.625	8RD	WATER BASED	9.3
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				
53.5	BBLS	Fresh Water	8.34	269	0	0	0	0	2360	1000	Rig tank			
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 7 BPM						
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL				PV & YP Mud In: 0			PV & YP Mud Out: 0			
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>				Units: 0				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
<b>Displacement And Mud Removal</b>														
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: Visually										
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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 8				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD														
<b>Plugs</b>														
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						
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>														
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				
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>														
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) 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	

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	2759 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:30	0	0	0	0	N/A	Yard call	
11:40	0	0	0	0	N/A	Leave yard	
12:30	0	0	0	0	N/A	Arrive on location	
13:50	0	0	0	0	N/A	Spot trucks	
13:55	0	0	0	0	N/A	Rig up safety meeting	
14:30	0	0	0	0	N/A	Pre job safety meeting	
14:55	2759	0	0	0	H2O	Pressure test pumps and lines	
14:58	204	0	4.8	10	H2O	Preflush	
15:01	150	0	4.8	10	H2O	Dyed spacer	
15:07	330	0	5	80	CMT	Batch up and pump 346 sks of Type III + 1.5% Cacl2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.41 yield 6.82 gps	
15:30	0	0	0	0	N/A	Drop plug	
15:35	404	0	4.8	45	H2O	Displacement	
15:45	358	0	2.4	8.5	H2O	Rate change	
15:49	385	0	2.4	53.5	H2O	Bump plug	
15:49	511	0	0	0	N/A	Plug down @ 53.5 bbl's	
15:52	259	0	0	0	N/A	Shut in	
15:53	0	0	0	0	N/A	Rig down safety meeting	
16:20	0	0	0	0	N/A	Leave location	

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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	511	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	12	153.5	259	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50  
Job Number: 1001890127  
Customer: Tekton  
Well Name: Pavistma #5-3-32

