

CEMENT JOB REPORT



CUSTOMER PETERSON ENERGY MANAGI		DATE 14-DEC-11	F.R. # 1001874393	SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME 392 VENTURES 31-22D - API 05123341380000		LOCATION 22-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # FNSIGN 55		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
Cement Plug, Wooden, Top 8-5/8 in	Guide Shoe, Texas-Notched 8-5/8 in				
	Alum Baffle Plate, Slip On, 8-5/8				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
Fresh Water		0	8.34	0	0
Fresh Water + Dye		0	8.34	0	0
Type III+1.5%CaCl+15#/skCF		245	14.5	1.41	6.82
Fresh Water		0	8.34	0	0
Available Mix Water 200 Bbl.	Available Displ. Fluid 200 Bbl.	TOTAL		117.6	39.55
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	0	468	8.097	8.625	24
		CSG	458	458	N-80
		SHOE	458	418	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT.	TYPE	MD	TVD
		BRAND & TYPE		DEPTH	TOP
		No Liner		BTM	8.625
				SIZE	THREAD
				8RD	FRESH WATER
				WGT.	8.34
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
26.6	BBLS	Fresh Water	8.34	133	0
				SQ. PSI	RATED
				Operator	0
				MAX TBG PSI	MAX CSG PSI
				Operator	2360
				Operator	1500
				Rig Tank	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 5 BPM	
Mud Density In: 8.34 LBS/GAL		Mud Density Out: 8.34 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: .5 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"/> 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: 5		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:		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Plug Catcher 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					
PRESSURE/RATE DETAIL			EXPLANATION		

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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 3383 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:15	0	0	0	0	N/A	YARD CALL	
08:02	0	0	0	0	N/A	TIME ARRIVED ON LOCATION (38 MILES)	
11:45	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
12:25	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
12:54	3383	0	6	0	WATER	PRESSURE TEST PUMPS AND LINES	
12:56	168	0	6	20	WATER	FRESH WATER SPACER	
13:01	142	0	6	10	WATER	FRESH WATER + DYE	
13:08	344	0	6	60	CEMENT	BATCH UP WEIGH, AND PUMP 245 SXS OF TYPE III + 0.08 LBS/SACK STATIC FREE + 1.5% CALCIUM CHOLORIDE + 0.15 LBS/SACK CELLO FLAKE @ 14.5 PPG	
13:19	0	0	0	0	N/A	RELEASE PLUG	
13:23	212	0	4.9	20	WATER	DISPLACEMENT	
13:28	128	0	1.5	6	WATER	DROP RATE	
13:33	220	0	1.5	26	WATER	LAND PLUG	
13:34	220	0	0	0	WATER	SHUT DOWN/CLOSE IN HEAD	
13:35	0	0	0	0	N/A	PRE RIG DOWN SAFETY MEETING	
14:05	0	0	0	0	N/A	TIME OFF 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	420	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	6	116	220	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	