

CEMENT JOB REPORT



CUSTOMER PETERSON ENERGY MANAGI		DATE 21-JAN-12		F.R. # 1001882771		SERV. SUPV. BARLEN M JOYNER	
LEASE & WELL NAME 392 VENTURES #12-22D - API 05123340100000		LOCATION 22-6N-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
Cement Plug, Wooden, Top 8-5/8 in		Float Collar, Al Flap, 8-5/8 - 8rd					
		Float Shoe 8-5/8 - 8rd					
		Cement Basket, Slip On, 8-5/8 in					
		Centralizer, with Pins, 8-5/8 in					
PHYSICAL SLURRY PROPERTIES							
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Fresh Water				0	8.34	0	0 00:00
Fresh Water + Dye				0	8.34	0	0 00:00
Type III+1.5%CaCl+ .15#/skCF				268	14.5	1.41	6.82 02:30
Available Mix Water 500 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		102.5	43.64
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
12.25	0	441	8.097	8.625	24	CSG	436
						GRADE	SHOE
						J-55	436
						FLOAT	STAGE
						395	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	SIZE	THREAD
						8.625	8RD
		BRAND & TYPE		DEPTH		WELL FLUID	
		NO LINER		0		WATER BASED	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
25.2	BBLs	Fresh Water	8.34	149	0	0	0
						Operator	MAX CSG PSI
						2360	2000
						MIX WATER	
						RIG TANK	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 7		Circulation Rate: 6 BPM	
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL				PV & YP Mud In: 52		PV & YP Mud Out: 52	
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: 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 checked="" type="checkbox"/> MANIFOLD <input 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 checked="" 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: RAN CASING INTO BOTTOM EARLY, HAD TO GET A SHORTER JOINT ON.							

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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)
 RAN CASING INTO BOTTOM EARLY.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 DID NOT BUMP THE PLUG.

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	3750 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ
02:44	0	0	0	0	N/A	ARRIVE ON LOCATION (38 miles to location) PULLING DRILL PIPE, CASERS NOT ON LOCATION	
06:00	0	0	0	0	N/A	TAGGED BOTTOM EARLY WITH CASING	
09:00	0	0	0	0	N/A	WAITING ON DIFFERENT (SHORTER) JOINT	
13:55	0	0	0	0	N/A	SPOT TRUCKS	
14:00	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
14:13	0	0	0	0	N/A	SAFETY MEETING	
14:32	3750	0	0	0	WATER	PRESSURE TEST	
14:35	27	0	5.3	10	WATER	FRESH WATER SPACER + DYE	
14:39	130	0	6.1	65	CMT	BATCH UP, WEIGH AND PUMP 268 SX OF Type III + 0.08 lbs/sack Static Free + 1.5% CaCl ₂ + 0.15 lbs/sack Cello Flake @ 14.5 PPG	
14:55	0	0	0	0	N/A	RELEASE PLUG	
14:56	50	0	5	20	WATER	START DISPLACEMENT	
15:01	67	0	2.4	5	WATER	DROP RATE	
15:03	69	0	2.4	25	WATER	SHUT DOWN	
15:03	45	0	0	0	N/A	CLOSE IN WELL HEAD	
15:07	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
BUMPED PLUG		PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT
Y N 0			Y N 13		100	45	Y N

Service Supervisor Signature: