

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 18-JAN-14	F.R. # 10011036873	SERV. SUPV. ERIC S DEWIT										
LEASE & WELL NAME RAZOR #11E-1401A - API 05123385290000		LOCATION 11-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Surface										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS MD TVD										
Cement Plug, Rubber, Top 9-5/8 in		Centralizer, with Pins, 9-5/8 in												
		Float Collar, Auto Fill, 9-5/8 - 8rd												
		Float Shoe 9-5/8 - 8rd												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Fresh water				0	8.34	0	0	00:00	15					
Type III+1%CaCl+.25CF				797	14.5	1.40	6.81	01:30	198.97	129.18				
Fresh water				0	8.34	0	0	00:00	136.07					
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL				350.04	129.18					
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
13.5	25	1862	8.921	9.625	36	CSG	1842	1842	J-55	1842	1800	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			9.625	8RND	WATER BASED	9.2
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				
139.2	BBLs	Fresh water	8.34	575	0	0	0	0	2816	2000	Rig Tank			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 4 BPM						
Mud Density In: 9.2 LBS/GAL				Mud Density Out: 9.2 LBS/GAL				PV & YP Mud In: 13		PV & YP Mud Out: 13				
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: 1 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: 13		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														
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: 1517 PSI				With 8.34 LBS/GAL Mud				Time Held: 00 Hours 15 Minutes						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None														
PRESSURE/RATE DETAIL						EXPLANATION								

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		

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 4193 PSI	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
14:32	0	0	0	0	N/A	Leave yard	
16:44	0	0	0	0	N/A	Arrive on location, 109 miles rig still running casing	
17:15	0	0	0	0	N/A	Spot trucks on location	
17:25	0	0	0	0	N/A	Pre rig up safety meeting	
18:10	0	0	0	0	N/A	Pre job safety meeting	
18:34	37	0	1.5	2	H2O	Load pumps and lines	
18:37	4193	0	0	0	H2O	Pressure test pumps and lines	
18:42	161	0	4.8	15	H2O	Fresh water spacer	
18:46	265	0	4.1	190	CMT	Batch, weigh, and pump cement @14.5 ppg	
19:40	0	0	0	0	N/A	Release plug	
19:42	715	0	6.3	105	H2O	Displacement	
20:05	821	0	2.4	34	H2O	Drop rate	
20:18	534	0	0	0	N/A	Shut down pumped our total displacement	
20:19	815	0	2.4	2	H2O	Pump 2 more bbls per company man request	
20:20	635	0	0	0	N/A	Shut down after pumping 2 more bbls still did not bump plug, check floats, floats held	
20:23	913	0	2.4	.5	H2O	Pump an additional .5 bbls per company man request bumped plug	
20:28	1517	0	0	0	H2O	Start casing test	
20:43	0	0	0	0	N/A	End casing test	
20:45	0	0	0	0	N/A	Pre rig down safety meeting	
21:45	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	913	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	35	348.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

ⓧ Chris Wedgott



Baker Hughes JobMaster Program Version 3.60

Job Number: 10011036873

Customer: Whiting

Well Name: Razor #11E-1401A

