

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 10-JAN-14		F.R. # 10011037918		SERV. SUPV. BARLEN M JOYNER		
LEASE & WELL NAME RAZOR #11E-1402B - API 05123385340000		LOCATION 11-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado				
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Intermediate				
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	
Cement Plug, Rubber, Top 7 in		Float Collar, Al Flap, 7 - 8rd		NONE		0	0	
		Float Shoe 7 - 8rd						
		Centralizer, with Pins, 7 in						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES				
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	
Ultra Flush II Spacer		0		0	10.5	0	00:00	
(35:65) + LW-6 + Adds		0		319	10.5	2.64	00:00	
Drilling Mud		0		0	9.8	0	00:00	
(35:65) + LW-6 + Adds		0		107	10.5	3.12	00:00	
Available Mix Water		500 Bbl.		Available Displ. Fluid		250 Bbl.		
				TOTAL		466.65 94.07		
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD
8.75	0	6447	6.184	7	29	CSG	6426	6013
						GRADE	SHOE	FLOAT
						P-110	6426	6386
						STAGE	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
8.9	9.63	36	CSG	1800	1800	NO LINER	0	0
						BTM	SIZE	THREAD
						0	7	8RD
						TYPE	WATER BASED	
						WGT.	9.8	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator
237.2	BBLS	Drilling Mud	9.8	237	0	0	0	0
						MAX TBG PSI	MAX CSG PSI	MIX WATER
						0	6780	3000
						RIG TANK		
Circulation Prior to Job								
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				
Mud Density In: 9.8 LBS/GAL				Mud Density Out: 9.8 LBS/GAL				
PV & YP Mud In: 37				PV & YP Mud Out: 37				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				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"/> 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: 55		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		
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"/>		
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: 2290 PSI				With 9.8 LBS/GAL Mud		Time Held: 15 Hours 00 Minutes		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE								

CEMENT JOB REPORT



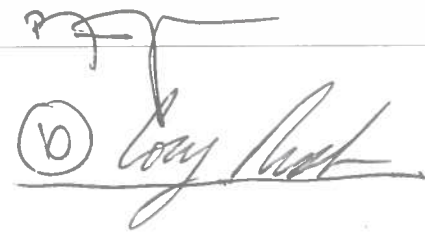
Shoe Test (Update Original Treatment Report for Primary Job)

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	4245 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:00	0	0	0	0	N/A	YARD CALL	
23:50	0	0	0	0	N/A	ARRIVE ON LOCATION (120 MILES) FULL RACK OF CASING LEFT	
02:40	0	0	0	0	N/A	SPOT TRUCKS	
02:50	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
03:00	0	0	0	0	N/A	RIGGING DOWN CASERS	
04:00	0	0	0	0	N/A	SAFETY MEETING	
04:28	4245	0	0	0	WATER	PRESSURE TEST	
04:35	148	0	4.8	20	WATER	ULTRA-FLUSH SPACER @ 10.5 PPG	
04:47	509	0	6.2	148	CMT	BATCH UP, WEIGH AND PUMP 319 SX OF POZ/G + 0.06 LB/SACK STATIC FREE + 0.1% R-3 + 46.46% LW-6 + 1.2% FL-25 + 0.5% SMS + 5% CSE-2 @ 10.5 PPG	
05:21	112	0	4.8	59	CMT	BATCH UP, WEIGH AND PUMP 107 SX OF POZ/G + 0.06 LB/SACK STATIC FREE + 54.44% LW-6 + 1.2% FL-25 + 0.5% SMS + 20% S-8 + 20% SILICA SAND + 5% CDE-2 @ 10.5 PPG	
05:37	0	0	0	0	N/A	RELEASE PLUG	
05:40	46	0	7.2	208	MUD	START DISPLACEMENT	
06:13	1303	0	6	10	MUD	DROP RATE	
06:15	1150	0	4.8	10	MUD	DROP RATE	
06:17	1018	0	3.6	10	MUD	DROP RATE	
06:19	988	0	3.6	238	MUD	BUMP PLUG	
06:19	2290	0	0	0	N/A	PLUG DOWN @ 238 BBLS	
06:19	2290	0	0	0	MUD	START CASING TEST	
06:34	2424	0	0	0	N/A	END CASING TEST	
06:37	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
07:30	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	988	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	20	465	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60
Job Number: 10011037918
Customer: Whiting
Well Name: Razor 11e-1402b

