

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 22-JAN-14		F.R. # 10011040538		SERV. SUPV. BARLEN M JOYNER	
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 Intermediate			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 7 in		Float Collar, AI Flap, 7 - 8rd		NONE		0	0
		Float Shoe 7 - 8rd					
		Centralizer, with Pins, 7 in					
PHYSICAL SLURRY PROPERTIES							
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		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	10	0	00:00
(35:65) + LW-6 + Adds		0		101	10.5	3.12	00:00
Available Mix Water 500 Bbl.		Available Displ. Fluid 250 Bbl.		TOTAL		460.11	92.57
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	MD	TVD
8.75	0	6365	6.184	7	29	CSG	6345
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
8.9	9.63	36	CSG	1800	1800	NO LINER	0
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
234	BBLS	Drilling Mud	10	166	0	0	0
Circulation Prior to Job							
Circulated Well: RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 10 LBS/GAL				Mud Density Out: 10 LBS/GAL			
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 checked="" type="checkbox"/> BJ <input type="checkbox"/>				Amount Bled Back After Job: 2 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: 42		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			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <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: 1565 PSI				With 10 LBS/GAL Mud			
Time Held: 00 Hours 15 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) 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	4621 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
08:45	0	0	0	0	N/A	YARD CALL		
15:10	0	0	0	0	N/A	ARRIVE ON LOCATION (115 MILES) 1/4 RACK OF CASING LEFT		
15:30	0	0	0	0	N/A	SPOT TRUCKS		
15:35	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING		
16:20	0	0	0	0	N/A	RIGGING DOWN CASERS		
16:40	0	0	0	0	N/A	RIG UP HEAD AND MANIFOLD TO CIRCULATE WELL		
17:10	0	0	0	0	N/A	SAFETY MEETING		
17:35	0	0	0	0	N/A	MIX UP ULTRA-FLUSH FROM RIG'S BARRITE		
18:24	4621	0	0	0	WATER	PRESSURE TEST		
18:29	631	0	6	20	WATER	ULTRA-FLUSH SPACER		
18:41	529	0	6.1	147	CMT	BATCH UP, WEIGH AND PUMP 319 SX OF POZ/G + 0.06 LBS/SACK STATIC FREE + 0.1% R-3 + 46.46% LW-6 + 1.2% FL-25 + 0.5% SMS + 5% CSE-2 @ 10.5 PPG		
19:18	226	0	4.9	56	CMT	BATCH UP, WEIGH AND PUMP 101 SX OF POZ/G + 0.06 LBS/SACK STATIC FREE + 54.44% LW-6 + 1.2% FL-25 + 0.5% SMS + 5% CSE-2 + 20% S-8 @ 10.5 PPG		
19:34	0	0	0	0	N/A	RELEASE PLUG		
19:39	656	0	7.2	204	MUD	START DISPLACEMENT		
20:10	1363	0	6	10	MUD	DROP RATE		
20:12	1186	0	4.8	10	MUD	DROP RATE		
20:14	1178	0	3.6	10	MUD	DROP RATE		
20:16	1281	0	3.6	234	MUD	BUMP PLUG		
20:16	2626	0	0	0	N/A	PLUG DOWN @ 234 BBLs		
20:20	2565	0	0	0	MUD	START CASING TEST		
20:35	1665	0	0	0	N/A	END CASING TEST		
20:37	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING		
21:10	0	0	0	0	N/A	BLOW CEMENT FROM SILO BACK INTO THE BULK TRUCKS		
22:30	0	0	0	0	N/A	TIME OFF LOCATION		
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1281	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 30	TOTAL BBL. PUMPED 457	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:	

(X) Daniel Brand



Baker Hughes JobMaster Program Version 3.60
Job Number: 10011040538
Customer: Whiting
Well Name: Razor 11e-1401a

