

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 09-AUG-14	F.R. # 10011087725		SERV. SUPV. JOHN R WUDARCZYK		
LEASE & WELL NAME RAZOR #21C-0908 - API 05123395230000		LOCATION 21-10N-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	HANGER TYPES MD TVD	
Cement Plug, Rubber, Top 9-5/8 in	Float Shoe/Circ Dif 9-5/8 - 8rd						
	Float Collar, Pop Valve, 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 in						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	
Fresh Water		0	8.34	0	0	00:00	
Type III + Adds		754	14.5	1.40	6.81	01:30	
Fresh water		0	8.34	0	0	00:00	
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		332.64 122.21	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
13.5	25	1730	8.921	9.625	36	CSG	1720 1720 J-55
LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
						NO PACKER	0
							9.625 8RND
							WATER BASED 8.4
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
129.4	BBLS	Fresh water	8.34	535	0	0	0
						0 2816 2000 RIG	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL			
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"/> 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: 9		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: 1500 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 3444 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
01:45	0	0	0	0	0	ARRIVE ON LOCATION (110 MILES) RIGGING UP CASING CREW	
07:10	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
07:50	0	0	0	0	0	PRE JOB MEETING	
08:17	3444	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
08:22	304	0	4.8	15	H2O	DYE WATER	
08:30	304	0	3.4	170	CMT	BATCH UP AND PUMP 754 SKS TYPE III+.08#/SACK STATIC FREE+1%CACL+.25#/SACK CELLO FLAKE @ 14.5#	
09:31	0	0	0	0	H2O	DROP PLUG	
09:32	681	0	6	95	H2O	START DISPLACEMENT	
09:49	781	0	5	15	H2O	SLOW RATE	
09:52	706	0	3.5	20	H2O	SLOW RATE	
09:58	1434	0	0	0	H2O	BUMP PLUG @ 130 BBLs	
10:00	0	0	0	0	H2O	CHECK FLOATS / 1 BBL BACK	
10:02	1510	0	2	1	H2O	START CASING TEST	
10:17	0	0	0	0	H2O	BLEED OFF CASING TEST	
10:30	0	0	0	0	0	POST JOB 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	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1434	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	315	0	Y <input checked="" type="checkbox"/> N	



FLOW 1+2 (bpm)

0.0

Target Density (ppg)

8.35

C956

