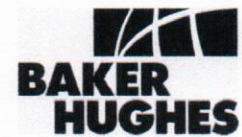


CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 23-OCT-13	F.R. # 10011021501	SERV. SUPV. FELIPE LANDA	
LEASE & WELL NAME RAZOR #21A-2815A - API 05123378470000		LOCATION 21-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Intermediate	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS MD TVD HANGER TYPES MD TVD	
Cement Plug, Rubber, Top 7 in		Centralizer, with Pins, 7 in			
		Float Collar, Auto Fill, 7 - 8rd			
		Float Shoe 7 - 8rd			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
Ultra Flush II Spacer				SLURRY YLD FT ³	WATER GPS
(35:65) + LW-6 + Adds				PUMP TIME HR:MIN	Bbl SLURRY
Fresh Water					Bbl MIX WATER
(35:65) + LW-6 + Adds					
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL 459.18 92.80	
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT. TYPE	MD TVD GRADE
8.75	35	6360	6.184 7	29 CSG	6340 6340 N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID OD	WGT. TYPE	MD TVD	BRAND & TYPE	DEPTH TOP BTM	TOP CONN
8.9 9.63	36 CSG	1646 1646	NO PACKER	0 0 0	SIZE 7
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
233.9	BBLS	Fresh Water	8.34	261	0
Circulation Prior to Job		Circulation Time: 1		Circulation Rate: 3 BPM	
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Mud Density In: 9.7 LBS/GAL		Mud Density Out: 9.7 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: 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE		Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 30	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Plugs					
Number of Attempts by BJ: 0		Competition:		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		Quantity:	
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	
Casing Test (Update Original Treatment Report for Primary Job)		Time Held: 15 Hours 00 Minutes		Fluid Weight: 0 LBS/GAL	
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)
 HAD TO SHUT DOWN DURING DISPLACEMENT FOR ABOUT 10 MINUTES, RIG HAD TO SWITCH VALVES TO RECEIVE CEMENT BACK

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	4250 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:15	0	0	0	0	NA	YARD CALL	
17:30	0	0	0	0	NA	ARRIVE ON LOCATION	
17:50	0	0	0	0	NA	SPOT TRUCKS/ PRE RIG UP SAFETY MEETING	
18:40	0	0	0	0	NA	SAFETY MEETING	
19:20	284	0	1.5	2	H2O	LOAD LINES	
19:23	4250	0	0	0	H2O	PRESSURE TEST	
19:27	436	0	4.8	10	H2O	FRESH WATER + DYE	
19:34	391	0	3.8	20	H2O	ULTRAFLUSH II @ 10.5 PPG	
19:48	596	0	4.9	150	LEAD	313 SACKS OF 35:65:POZ(FLY ASH):CLASS "G" CEMENT + 0.06 LBS/SACK STATIC FREE + 0.1% R-3 + 46.46% LW-6 + 1.2% FL-25 + 0.5% SODIUM METASILICATE + 5% CSE-2 @ 10.5 PPG	
20:23	120	0	3.8	66	TAIL	107 SACKS OF 35:65:POZ(FLY ASH):CLASS "G" CEMENT + 0.06 LBS/SACK STATIC FREE + 54.44% LW-6 + 1.2% FL-52 + 0.5% SODIUM METASILICATE + 20% SILICA SAND, 100 MESH SACKED + 5% CSE-2 + @ 10.5 PPG	
20:45	0	0	0	0	NA	DROP PLUG	
20:46	902	0	4.8	120	MUD	DISPLACE	
21:14	1858	0	3.7	113	MUD	RATE CHANGE	
21:53	2053	0	3.7	0	MUD	BUMP PLUG @ 233 BBLS (5 BBLS CEMENT BACK)	
21:56	0	0	0	0	MUD	CHECK FLOATS	
21:59	1558	0	1.5	0	MUD	CASING TEST	
22:15	1630	0	0	0	MUD	END CASING TEST	
22:25	0	0	0	0	NA	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	2053	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	560	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	