

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 17-MAR-14		F.R. # 10011052966		SERV. SUPV. FELIPE LANDA	
LEASE & WELL NAME RAZOR #11E-0203A - API 05123385300000		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		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	SLURRY YLD FT³	WATER GPS
Ultra Flush II Spacer					10.5		
(35:65) + LW-6 + Adds				319	10.5	2.64	8.86
Fresh Water					8.34		
(35:65) + LW-6 + Adds				101	10.5	3.12	10.49
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		456.91	92.57
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
8.75	35	6275	6.184	7	29	CSG	6259
				TVD	GRADE	SHOE	FLOAT
				6259		6259	6214
				STAGE	0		
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	1849	1849	NO PACKER	0
				TOP	BTM	SIZE	THREAD
				0	0	7	8RD
				TYPE	WGT.	WATER BASED 10	
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
230.8	BBLS	Fresh Water	8.34	697	0	0	0
				Operator	RATED	Operator	MIX WATER
					11220	8976	TANK
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"/> 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: 52		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:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:			
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 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: 1520 PSI				With 8.34 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 4068 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
05:00	0	0	0	0	NA	YARD CALL
10:00	0	0	0	0	NA	ARRIVE ON LOCATION (rig running casing)
13:30	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING
14:14	0	0	0	0	NA	SAFETY MEETING
14:33	118	0	1.2	2	H2O	LOAD LINES
14:35	2140	0	0	0	H2O	LOW PRESSURE TEST
14:38	4068	0	0	0	H2O	HIGH PRESSURE TEST
14:47	383	0	4.2	20	H2O	ULTRAFLUSH II @ 10.5 PPG
14:58	492	0	4.8	153	LEAD	319 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
15:32	273	0	4.4	58	TAIL	101 SACKS OF (35:65) POZ (FLY ASH):CLASS "G" CEMENT + 0.06 lbs/sack STATIC FREE + 54.44% LW-6 + 1.2% FL-25 + 0.5% SODIUM METASILICATE + 20% SILICA SAND, 100 MESH, SACKED + 5% CSE-2 @ 10.5 PPG
15:54	0	0	0	0	NA	DROP PLUG
15:55	1354	0	6	180	H2O	DISPLACE
16:27	1256	0	4.8	30	H2O	RATE CHANGE
16:33	1177	0	3.6	20	H2O	RATE CHANGE
16:50	1629	0	3.6	0	H2O	BUMP PLUG @ 230 BBLS (30 bbls cement to surface)
16:53	0	0	0	0	NA	CHECK FLOATS
16:55	1520	0	1.9	0	NA	CASING TEST
17:10	1576	0	0	0	NA	END CASING TEST
17:20	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	1629	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	461	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

RAZOR 11E-0203A (C990)

