

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 02-MAR-14		F.R. # 10011049549		SERV. SUPV. JASON L SJOBERG	
LEASE & WELL NAME RAZOR #11E-0202B - API 05123385310000		LOCATION 11-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 23		TYPE OF JOB Liner			
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Dart For Plug Catcher, 4-1/2 In	Guide Shoe, Cement Nose, 4-1/2 i	Liner Packer	5348	5348	Liner	5348	5348
	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Centralizer, with Pins, 4-1/2 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	Bbl SLURRY	Bbl MIX WATER	
50:50 + Adds		C0300514		610	14.5	1.21	5.26
Fresh Water				0	8.34	0	0
Ultraflush II				0	12	2.8	17.95
Fresh Water				0	8.34	0	0
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.		TOTAL		324.45	93.37
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
6.125	0	13000	4	4.5	11.6	CSG	12986
			3.34	4	14	DP	563
			2.58	4	28	DP	4145
			2.25	4.75	28	DP	640
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
6.3	7	26	CSG	6425	6425	Liner	5348
						TOP	BTM
						0	0
						SIZE	THREAD
						4	XT39
						TYPE	WGT.
						WATER BASED	9.4
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
153	BBLS	Fresh Water	8.34	768	0	0	0
						Operator	MAX CSG PSI
						8552	5000
						Operator	MIX WATER
							Rig
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 3 BPM	
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL				PV & YP Mud In:		PV & YP Mud Out:	
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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Pipe Movement: <input type="checkbox"/> ROTATION <input checked="" 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: 88		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" 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	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None							

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 1547 PSI With 9.4 LBS/GAL Mud Time Held: 00 Hours 05 Minutes

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 4277 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
10:45	0	0	0	0	N/A	Yard Call		
15:15	0	0	0	0	N/A	Leave Yard		
17:49	0	0	0	0	N/A	Arrive on Location		
22:00	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting		
00:45	0	0	0	0	N/A	Safety Meeting		
01:18	4277	0	0	0	H2O	Pressure Test Pump and Lines		
01:24	950	0	3	20	H2O	Preflush Fresh Water		
01:34	830	0	2	20	H2O	Preflush Ultra Flush II		
01:50	900	0	3.2	130	CMT	Batch, Weigh, Pump 15.8# 50:50 Poz G + .15% R-3 + .2% FL-63 + .2% CD-32 + .6% FL-52 + 3% Bentonite + .2% BA-59		
02:55	0	0	0	0	N/A	Release Dart		
02:56	603	0	3.2	20	H2O	Displacement (Sugar Water)		
03:03	603	0	3.2	6	H2O	Displacement Fresh Water		
03:05	302	0	2	11	H2O	Drop Rate		
03:10	2097	0	2	37	H2O	Pick up Wiper Plug @ 37 bbls Away		
03:10	2000	0	2	9	H2O	Displacement		
03:13	1760	0	4.8	94	H2O	Increase Rate		
03:34	1610	0	3.4	4	H2O	Drop Rate		
03:35	1333	0	2	9	H2O	Drop Rate		
03:39	1476	0	2	153	H2O	Bump Plug		
03:40	1822	0	0	0	N/A	Check Floats		
03:53	0	1547	0	0	MUD	Backside Test		
03:57	0	1525	0	0	MUD	Backside Test Good		
04:04	850	0	3	20	H2O	Roll Hole		
04:25	1400	0	6	122	H2O	Increase Rate		
04:50	0	0	0	0	N/A	Post Job 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	1476	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	484	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

