

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM				DATE 21-MAR-14		F.R. # 10011053853				SERV. SUPV. JOHN R WUDARCZYK				
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 Liner						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
Dart For Plug Catcher, 4-1/2 In		Float Shoe 4-1/2 - 8rd		Liner Packer		5179	5179	Liner		5199	5199			
Cement Plug, Rubber, Top 4-1/2 in		Float Collar, Pop Valve, 4-1/2 - 8rd												
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 + Addis								568	14.5	1.21	5.26		122.78	71.20
Fresh Water								0	8.34	0	0	00:00	143.9	
Ultraflush II								0	12	0	0	00:00	20	
Fresh Water								0	8.34	0	0	00:00	10	
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL				296.68	71.20	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	12360	4	4.5	11.6	CSG	12350	5925	N-80	12350	12256	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
6.2	7	29	CSG	6259	5925	LINER PACKER	5179	0	0	4	8RND	WATER BASED	9.5	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator				
143.9	BBLS	Fresh Water	8.34	739	0	0	0	0	6224	3000	RIG			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM					
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL						PV & YP Mud In: 15			PV & YP Mud Out: 15					
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 type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:		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 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: 2000 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 5083 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
03:15	0	0	0	0	0	ARRIVE ON LOCATION (124 MILES)
04:15	0	0	0	0	0	PRE RIG UP SAFETY MEETING
08:56	0	0	0	0	0	PRE JOB MEETING
09:25	5083	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES
09:28	1675	0	4.8	10	H2O	FRESH WATER
09:41	1350	0	3.6	20	H2O	WEIGHTED SPACER @ 12#
09:50	1509	0	5	117	CMT	BATCH UP AND PUMP 568 SKS POZ/G+.15%R-3+.2%FL-63+.2%CD-32+.6%FL-52+3%BENTONITE+.2%BA-59 @ 14.5#
10:22	0	0	0	0	H2O	SHUT DOWN / WASH UP
10:39	0	0	0	0	H2O	DROP DART
10:40	1267	0	4.8	24	H2O	START DISPLACEMENT
10:45	522	0	2.4	10	H2O	SLOW RATE
10:49	1702	0	2.4	1	H2O	DART PICKS UP PLUG
10:50	2067	0	4.8	95	H2O	INCREASE RATE
11:10	1376	0	2.4	13	H2O	SLOW RATE
11:15	1968	0	0	0	H2O	BUMP PLUG @ 143 BBLS
11:17	0	0	0	0	H2O	CHECK FLOATS (1 BBL BACK)
11:20	0	0	0	0	H2O	SET PACKER
11:35	2007	0	.8	1	H2O	TEST PACKER
11:50	0	0	0	0	H2O	BLEED OFF TEST
11:55	0	0	0	0	H2O	STING OUT OF LINER TOP
11:56	1300	0	6	130	H2O	CIRCULATE CLEAN
12:25	0	0	0	0	H2O	SHUT DOWN
12:30	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	1968	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	420	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

FLOW 1+2 (bpm)

0.0

Target Density (ppg)

8.34

C992

