

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 12-MAR-14	F.R. # 10011051919		SERV. SUPV. VITALIJS A NEVERDASOV									
LEASE & WELL NAME RAZOR #11E-0201A - API 05123385370000		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 Collar, Al Flap, 4-1/2 - 8rd		Liner Packer		5135	5135	Liner		5144	5144			
Cement Plug, Rubber, Top 4-1/2 in		Float Shoe 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 + Adds		C0302914		581	14.5	1.21	5.26	08:10	125.59	72.83				
Fresh Water		N/A		0	8.34	0	0	00:00	169.92					
Ultraflush II		N/A		0	12	0	0	00:00	20					
Fresh Water		N/A		0	8.34	0	0	00:00	10					
Available Mix Water <u>400</u> Bbl.		Available Displ. Fluid <u>300</u> Bbl.		TOTAL		<u>325.51</u>	<u>72.83</u>							
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	12475	4	4.5	11.6	CSG	12473	12473	L-80	12473	12383	1		
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	6325	6325	LINER PACKER, BAKER HUG		5121	0	0	4	8RND	WATER BASED	10.2
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			
169.9	BBLS	Fresh Water		8.34	1063	0	0	0	0	6224	3000	RIG TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM						
Mud Density In: 9.9 LBS/GAL				Mud Density Out: 9.9 LBS/GAL				PV & YP Mud In: 13		PV & YP Mud Out: 13				
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 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 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: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE														
PRESSURE/RATE DETAIL						EXPLANATION								

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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 4283 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:55	0	0	0	0	N/A	LEAVE DISTRICT	
05:35	0	0	0	0	N/A	ARRIVE ON LOCATION, 123 MILES/ RIG IS RUNNING CASING/CUSTOMER REQUESTED CREW @ 11:00 AM	
16:10	0	0	0	0	N/A	SPOT TRUCKS	
16:17	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
18:58	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
20:14	4283	0	.4	.5	N/A	PRESSURE TEST	
20:22	1035	0	3.6	20	H2O	PUMP ULTRA FLUSH SPACER @ 12 PPG	
20:33	1512	0	4.8	124	CMT	BATCHWEIGH/PUMP 581 SX OF CEMENT @ 14.5 CMT PPG	
21:06	0	0	0	0	N/A	SHUT DOWN/WASH UP PUMP AND LINES/DROP PLUG	
21:18	1157	0	4.8	30	H2O	DISPLACEMENT	
21:25	748	0	3	10	H2O	SLOW DOWN TO PICK UP PLUG	
21:31	2253	0	4.5	100	H2O	PICK UP RATE	
21:55	1740	0	2.9	9	H2O	SLOW RATE	
21:58	2758	0	0	0	H2O	BUMP PLUG	
22:00	0	0	0	0	N/A	CHECK FLOATS/FLOATS HELD	
22:17	0	1541	1	1	H2O	BACK SIDE TEST	
22:22	0	0	0	0	H2O	BLEED OFF	
22:31	540	0	1	1	H2O	PRESSURE UP ON DRILL PIPE	
22:34	1650	0	6	155	H2O	ROLL HOLE CLEAN	
23:10	0	0	0	155	N/A	SHUT DOWN	
23:10	0	0	0	0	N/A	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	1740	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	450	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

