

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM				DATE 25-SEP-14		F.R. # 10011101645				SERV. SUPV. STEVEN S ISCHE				
LEASE & WELL NAME RAZOR #21B-0912 - API 05123395310000				LOCATION 21-10N-58W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG #				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, AI Flap, 4-1/2 - 8rd		Liner Packer		5174	5174	Liner		5174	5174			
		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 + Addis				N/A				698	14.5	1.21	5.26	04:02	143	82.92
Fresh Water				N/A				0	8.34	0	0	00:00	176	
Ultraflush II				N/A				0	12	0	0	00:00	20	
Fresh Water				N/A				0	8.34	0	0	00:00	20	
Fresh Water				N/A				0	8.34	0	0	00:00	140	
Available Mix Water 500 Bbl.				Available Displ. Fluid 300 Bbl.				TOTAL				499	82.92	
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	13871	4	4.5	11.6	CSG	14175	5879	N-80	1775	1715	1		
			3.34	4	14	DP	5174	5174	N-80					
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	6122	5878	WHEATHERFORD PACKER	5878	0	0	4	8RD	WATER BASED	9.4	
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				
176	BBLS	Fresh Water	8.34	2500	0	0	0	0	6224	4000	FRAC TANK			
		Fresh Water	8.34											
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 2 BPM					
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL						PV & YP Mud In: 8			PV & YP Mud Out: 8					
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 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 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 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				
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														

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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	6094 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:30	0	0	0	0	N/A	ARRIVE ON LOCATION	
16:00	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING	
20:28	0	0	0	0	N/A	JSA WITH CREW	
20:50	0	0	2	2	H2O	LOAD LINES	
21:10	6094	0	0	0	H2O	PRESSURE TEST	
21:14	2189	0	5.9	20	H2O	FRESH WATER SPACER	
21:18	929	0	3.6	20	BARITE	12# SPACER	
21:28	1671	0	4.8	143	CMT	BATCH UP, WHEIGH AND SEND 14.5#	
22:10	0	0	0	0	N/A	WASH UP AND DROP DART	
22:18	1564	0	4.8	25	KCL	DISPLACEMENT	
22:24	362	0	2	15	KCL	RATE CHANGE 35 BBLS AWAY CATCH PLUG	
22:29	2423	0	3.8	125	KCL	RATE CHANGE	
22:56	1597	0	2	6	KCL	RATE CHANGE	
23:00	1700	0	0	0	KCL	BUMP PLUG	
23:00	2538	0	1.6	5	KCL	OVER DISPLACE 5 BBLS FOR A WET SHOE	
23:05	0	0	0	0	N/A	TEST FLOATS	
23:14	0	1574	0	0	KCL	BACKSIDE TEST	
23:26	1786	0	7.2	140	KCL	ROLL THE HOLE	
23:50	0	0	0	0	N/A	SHUT DOWN AND RIG DOWN SAFTY MEETING	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 1786	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 10	TOTAL BBL. PUMPED 499	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:

CEMENT LINER (C990)

