

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM				DATE 01-MAY-15		F.R. # 10011152864		SERV. SUPV. FELIPE LANDA						
LEASE & WELL NAME RAZOR FEDERAL #12F-1304B - API 051233871600				LOCATION 12-10N-58W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG # XTREME 18				TYPE OF JOB Liner						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
								Liner		5470	6105			
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		
						773	14.5	1.21	5.27		166.5	96.78		
							8.34				170.1			
							12				20			
						8.34				10				
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL		366.6	96.78			
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	14166	4	4.5	11.6	CSG	14128	6105						
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	6489	6105	LINER	5470	0	0	4	8RD	WATER BASED	10.6	
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			
170.1	BBLS	Fresh Water		8.34	1729	0	0	0	0	7780	6224	TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 4 BPM					
Mud Density In: 10.6 LBS/G Mud Density Out: 10.6 LBS/GAL						PV & YP Mud In: 16			PV & YP Mud Out: 16					
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: 1.5 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 checked="" 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 type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 0						Competition:		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						
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								

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Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

RIG HAVING PROBLEM RUNNING THE LINER (getting stuck)

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	6065 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:00	0	0	0	0	NA	ARRIVE ON LOCATIN 4/30/15 (rig running drill pipe, getting stuck)	
20:00	0	0	0	0	NA	BHI STANDING BY	
16:00	0	0	0	0	NA	5/1/15 SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
17:02	0	0	0	0	NA	PRE JOB SAFETY MEETING	
17:30	0	0	.8	1	H2O	LOAD LINES	
17:34	1553	0	0	0	H2O	LOW PRESSURE TEST	
17:36	6065	0	0	0	H2O	HIGH PRESSURE TEST	
17:43	1835	0	4	10	H2O	FRESH WATER	
17:53	1615	0	3	20	H2O	ULTRAFLUSH II @ 12 PPG	
18:05	2205	0	4	155	CEMENT	773 SACKS OF 50:50 POZ (FLY ASH) CLASS "G" CEMENT + 0.1% R-3 + 0.2% CD-32 + 0.6% FL-52 + 0.1% SODIUM METASILICATE + 0.2% FL-66 + 3% BENTONITE II @ 14.5 PPG	
18:56	0	0	0	0	H2O	WASH PUMP AND LINES	
19:05	0	0	0	0	NA	DROP HALIBURTON PLUG	
19:06	1528	0	4	30	H2O	DISPLACE (first 10 bbls with R-3)	
19:11	1628	0	3	7	H2O	RATE CHANGE	
19:14	1954	0	4	127	H2O	RATE CHANGE (10 bbls of R-3 on top of liner)	
19:45	1729	0	3.5	7	H2O	RATE CHANGE	
19:47	2480	0	3.5	0	H2O	BUMP PLUG @ 171 BBLs	
19:50	0	0	0	0	H2O	CHECK FLOATS	
19:53	0	0	0	0	NA	DROP BALL (wait for 30 min)	
20:25	6014	0	.8	3	H2O	OPEN TOOL	
20:40	1578	0	7.1	140	H2O	ROLL HOLE CLEAN (5 BBLs CEMENT TO SURFACE)	
21:22	2480	0	1.2	0	H2O	PACKER TEST	
21:32	2506	0	0	0	H2O	END PACKER TEST	
21:35	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	2480	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	499	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

RAZOR FEDERAL 12F-1304B (C956)

