

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM				DATE 20-APR-14		F.R. # 10011061055		SERV. SUPV. STEVEN S ISCHE					
LEASE & WELL NAME RAZOR #26L-3502B - API 05123379920000				LOCATION 26-10N-58W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # CADE 23				TYPE OF JOB Intermediate					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
7" Top Cem Plug, Nitrile cvr, Phen-R		Float Collar, Al Flap, 7 - 8rd		NONE		0	0	NONE		0	0		
		Float Shoe 7 - 8rd											
		Centralizer, Positive, 7 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	
Ultra Flush II Spacer				N/A		0	10.5	0	0	00:00	20		
(35:65) + LW-6 + Adds				N/A		317	10.5	2.64	8.86	06:06	210	94.28	
Fresh Water				N/A		0	8.34	0	0	00:00	225		
(35:65) + LW-6 + Adds				N/A		102	10.5	3.12	10.49	07:57	95	42.70	
FRESH WATER				N/A		0	8.34	0	0	00:00	10		
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL		560 136.98			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	35	5985	6.184	7	29	CSG	6047	5700	N-80	6047	6002	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.
8.9	9.63	36	CSG	1771	1771	NO PACKER	0	0	0	7	8RD	WATER BASED	9.2
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			
225	BBLS	Fresh Water	8.34	200	0	0	0	0	7968	1600	FRAC TANK		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 3			Circulation Rate: 4 BPM				
Mud Density In: 9.9 LBS/GAL Mud Density Out: 9.9 LBS/GAL						PV & YP Mud In: 5			PV & YP Mud Out: 5				
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: 2 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 22			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: 1500 PSI With 8.34 LBS/GAL Mud						Time Held: 00 Hours 15 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 4850 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
06:00	0	0	0	0	N/A	LEAVE YARD			
08:30	0	0	0	0	N/A	ARRIVE ON LOCATION			
08:35	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING			
09:30	0	0	0	0	N/A	JSA WITH CREW			
10:16	159	0	2	2	H2O	LOAD LINES			
10:20	4850	0	0	0	H2O	PRESSURE TEST			
10:22	363	0	4.8	10	H2O	SPACER			
10:32	426	0	5.2	24	BARITE	10.5# SPACER			
10:45	802	0	6.4	210	CMT	BATCH UP, WHEIGH AND SEND10.5#			
11:24	190	0	4.5	95	CMT	10.5# TAIL			
11:48	0	0	0	0	N/A	DROP PLUG			
11:55	1197	0	7	190	MUD	DISPLACEMENT			
12:23	987	0	4.8	15	MUD	RATE CHANGE			
12:26	620	0	2	10	MUD	RATE CHANGE			
12:44	1437	0	0	0	N/A	BUMP PLUG			
12:46	0	0	0	0	N/A	TEST FLOATS			
12:50	1519	0	0	0	H2O	CASING TEST			
13:05	1602	0	0	0	N/A	END CASING TEST AND RIG DOWN SAFTY MEETING			
14:00	0	0	0	0	N/A	LEAVE LOCATION			
<div><div><div>BUMPED PLUG</div><div><input checked="" type="checkbox"/> Y N</div></div><div><div>PSI TO BUMP PLUG</div><div>620</div></div><div><div>TEST FLOAT EQUIP.</div><div><input checked="" type="checkbox"/> Y N</div></div><div><div>BBL.CMT RETURNS/ REVERSED</div><div>55</div></div><div><div>TOTAL BBL. PUMPED</div><div>566</div></div><div><div>PSI LEFT ON CSG</div><div>0</div></div><div><div>SPOT TOP OUT CEMENT</div><div>Y <input checked="" type="checkbox"/> N</div></div><div><div>Service Supervisor Signature:</div><div></div></div></div>									