

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 04-JUN-14		F.R. # 10011072912		SERV. SUPV. VITALIJS A NEVERDASOV							
LEASE & WELL NAME RAZOR #26L-3501A - API 05123379900000		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							
Cement Plug, Rubber, Top 7 in		Float Collar, Al Flap, 7 - 8rd		NONE		0 0 NONE 0 0							
		Float Shoe 7 - 8rd											
		Centralizer, with Pins, 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	8.85	00:00	149.02	66.83			
Fresh Water		n/a		0	8.34	0	0	00:00	217.47				
(35:65) + LW-6 + Adds		n/a		94	10.5	3.12	10.48	00:00	52.26	23.46			
Available Mix Water 380 Bbl.		Available Displ. Fluid 260 Bbl.		TOTAL		438.75		90.29					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	36	5978	6.184	7	29	CSG	5958	5600	L-80	5958	5913	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.
8.9	9.63	36	CSG	1519	1519	NO PACKER	0	0	0	7	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			
219.7	BBLS	Fresh Water	8.34	552	0	0	0	0	6528	3000	RIG TANK		
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: 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: 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 40		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: 1517 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 4010 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:38	0	0	0	0	N/A	LEAVE DISTRICT	
09:52	0	0	0	0	N/A	ARRIVE ON LOCATION, 127 MILES/ RIG IS RUNNING CASING	
10:03	0	0	0	0	N/A	SPOT TRUCKS	
10:07	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
13:26	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
14:21	420	0	1	2	H2O	LOAD LINE	
14:26	4010	0	.4	.1	H2O	PRESSURE TEST	
14:30	620	0	4.1	10	H2O	FRESH WATER SPACER	
14:41	889	0	5.6	20	H2O	PUMP ULTRA FLUSH SPACER @ 10.5 PPG	
14:52	652	0	4.1	157	CMT	BATCHWEIGH/PUMP 317 SX OF LEAD CEMENT @ 10.5 PPG	
15:38	371	0	4.1	55	CMT	PUMP 94 SX OF TAIL CEMENT @ 10.5 PPG	
15:57	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
16:03	812	0	5.6	90	H2O	DISPLACEMENT	
16:27	280	0	1.3	30	H2O	SLOW DOWN/ RIG COULD NOT TRANSFER RETURNS FAST ENOUGH	
16:44	673	0	3.5	80	H2O	PICK UP RATE	
17:10	863	0	2.4	9	H2O	SLOW RATE	
17:17	1495	0	0	219	H2O	BUMP PLUG	
17:22	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
17:30	1558	0	1.3	1.5	H2O	CASING TEST	
17:45	0	0	0	0	N/A	BLEED OFF	
17:53	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	863	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	80	461	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

