

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 12-AUG-13		F.R. # 10011007262		SERV. SUPV. STEVEN S ISCHE		
LEASE & WELL NAME RAZOR #27L-3404B - API 05123377440000		LOCATION 27-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado				
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 21		TYPE OF JOB Surface				
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		HANGER TYPES		
9-5/8" Bot Cem Plug, Nitrile cvr, Phe		Float Collar, Ball Valve, 8-5/8 - 8rd		NONE		MD TVD		
		Float Shoe 9-5/8 - 8rd				0 0		
		Centralizer, Positive, 9-5/8 in				NONE		
		Cement Basket, Hinged, 9-5/8 in				MD TVD		
						0 0		
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES				
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	
Fresh water		N/A		0	8.34	0	0	
Type III + 1% CaCl ₂ .25CF		N/A		719	14.5	1.40	6.81	
Fresh water		N/A		117	8.34	1.40	6.81	
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL				
				307.37 189.82				
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD
13.5	35	1500	8.921	9.625	36	CSG	1500	1500
						GRADE	SHOE	FLOAT
						J-55	1554	1507
						0		
LAST CASING		PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP
						NO PACKER	0	BTM
						SIZE	THREAD	WELL FLUID
						9.625	8RD	WATER BASED
						9.5		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI	MAX CSG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator
117	BBLS	Fresh water	8.34	478	0	0	0	0
				Operator	RATED	Operator	2360 938	
								FRAC TANK
Circulation Prior to Job								
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 3		Circulation Rate: 3 BPM		
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL				PV & YP Mud In: 31		PV & YP Mud Out: 31		
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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE								
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 16		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				NO MANIFOLD				
Plugs								
Number of Attempts by BJ: 0				Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:		
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)
 LOADING CEMENT LATE TO LOCATION

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	3613 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
12:00	0	0	0	0	N/A	LEAVE YARD		
14:45	0	0	0	0	N/A	ARRIVE ON LOCATION		
14:50	0	0	0	0	N/A	SPOT TRUCKS		
14:55	0	0	0	0	N/A	PRE RIG UP SAFTY MEETING		
15:15	0	0	0	0	N/A	SAFTY MEETING WITH CREW		
15:32	0	0	1	2	H2O	LOAD LINES		
15:37	3613	0	0	0	H2O	PRESSURE TEST		
15:40	78	0	6	10	H2O	FRESH WATER SPACER		
15:43	78	0	6	10	H2O	DYE WATER SPACER		
15:48	162	0	4.8	176	CEMENT	BATCH UP, WHEIGH AND SEND LEAD		
16:32	0	0	0	0	N/A	DROP PLUG		
16:35	720	0	4.8	105	H2O	DISPLACEMENT		
17:15	582	0	2	12	H2O	RATE CHANGE		
17:19	938	0	0	0	H2O	BUMP PLUG		
17:21	0	0	0	0	N/A	TEST FLOATS AND RIG DOWN SAFTY MEETING		
18:00	0	0	0	0	N/A	LEAVE LOCATION		

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	938	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	47	315	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Load Sheet



WELL NAME RAZOR #27L-3404B

CUSTOMER WHITING PETROLEUM CORP

BRANCH BULK PLANT BJS, BRIGHTON

FIELD RECEIPT NO 10011007262

JOB DATE

FIELD RECEIPT DATEAUG-12-2013

[illegible]

RECEIVED TO LOCATION STEVEN ISCHE

SERVICE SUPERVISOR

DATE _____

DATE AUG-12-2013

RETURNS VERIFIED BY

APPROVAL

SCOTT D SMITH

OPERATIONS SUPERVISOR

DATE _____

CUSTOMER SIGNATURE