CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	WHITING PETROLEUM CORP	DATE	25-JUL-13	F.R. #	10011002299	SERV. SUPV.	VITALIJS A NEVERDASOVS

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
RAZOR 26J-2633L - API 05123374950000	26-10N-58W	Weld Colorado

DISTRICT	DRILLING CONTRACTOR RIG #	TYPE OF JOB
Brighton	CADE 21	Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Bottom 9-5/8 i	Float Collar, Al Flap, 9-5/8 - 8rd	NONE	0	0	NONE	0	0
	Float Shoe 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 in						

PHYSICAL SLURRY PROPERTIES

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT$_3$	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh water	N/A	0	8.34	0	0	00:00	15	
TypeIII+1%CaCl+.25CF	C0709213	742	14.5	1.40	6.81	01:30	185.24	120.27
Fresh water	N/A	0	8.34	0	0	00:00	116.74	

Available Mix Water	500	Bbl.	Available Displ. Fluid	300	Bbl.	TOTAL	316.98	120.27

HOLE / TBG-CSG-D.P. / COLLAR DEPTHS

SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
13.5	35	1615	8.921	9.625	36	CSG	1600	1600	J-55	1600	1555	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.
						NO PACKER	0			9.625	8 RND	WATER BASED	9

DISPL. VOLUME		DISPL. FLUID		CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.				RATED	Operator	RATED	Operator	
120.3	BBLS	Fresh water	8.34	497	0	0	0	0	2816	1200	RIG TANK

Circulation Prior to Job

Circulated Well:	Rig [X]	BJ [ ]	Circulation Time: 3	Circulation Rate: 5 BPM

Mud Density In: 9 LBS/GAL   Mud Density Out: 9 LBS/GAL   PV & YP Mud In: 11   PV & YP Mud Out: 11

Gas Present: NO [X]   YES [ ]   Units: Solids Present at End of Circulation: NO [X]   YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ]   BJ [X]   Amount Bled Back After Job: .3 BBLS

Returns During Job: NONE [ ]   PARTIAL [X]   FULL [ ]   Method Used to Verify Returns: VISUAL

Cement Returns at Surface: [X] YES   [ ] NO   Were Returns Planned at Surface: NO [ ]   YES [X]

Pipe Movement: [ ] ROTATION   [ ] RECIPROCATION   NONE [ ]   UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO   [X] YES   Quantity: 11   Type: [ ] BOW   [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD   [ ] SQUEEZE MANIFOLD   [X] MANIFOLD   [ ] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0   Competition: 0   Wiper Balls Used: [X] NO   [ ] YES   Quantity:

Plug Catcher Used: [X] NO   [ ] YES   Parabow Used: [X] NO   [ ] YES

Was There a Bottom: [X] NO   [ ] YES   Top of Plug: 0 FT   Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ]   SHOE SQUEEZE [ ]   TOP OF LINER SQUEEZE [ ]   PLANNED [ ]   UNPLANNED [ ]

Liner Packer: [X] NO   [ ] YES   Bond Log: [X] NO   [ ] 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

PRESSURE/RATE DETAIL	EXPLANATION

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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 PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 2416 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
23:20	0	0	0	0	N/A	ARRIVE LOCATION/RIG CIRCULATING HOLE
23:40	0	0	0	0	N/A	SPOT TRUCKS
23:50	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING
00:35	0	0	0	0	N/A	PRE JOB SAFETY MEETING
00:52	23	0	1.3	2	H2O	LOAD LINES
01:17	2416	0	.2	.1	H2O	PRESSURE TEST
01:20	173	0	5.6	15	H2O	PUMP SPACER
01:30	170	0	4	171	CMT	PUMP LEAD CEMENT @ 14.5 PPG
02:19	0	0	0	0	N/A	SHUT DOWN/DROP PLUG
02:25	482	0	4.6	85	H2O	DISPLACEMENT
02:47	434	0	2.6	35	H2O	SLOW RATE
03:03	1081	0	0	120	H2O	BUMP PLUG
03:09	0	0	0	0	N/A	BLEAD OFF/CHECK FLOATS/FLOATS HELD
03:15	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:
Y N	761	Y N	4	306	0	Y [N]	

Load Sheet
Summary

BAKER HUGHES

DISTRICT Brighton
DISPATCH SHEET NO.
CUSTOMER WHITING PETROLEUM CORP
BRANCH BULK PLANT

WELL NAME RAZOR 26J-2633L

FIELD RECEIPT NO. 10011002299

JOB DATE JUL-25-2013
FIELD RECEIPT DATE

PRODUCT DESCRIPTION	ITEM NO.	UOM	QUANTITY			NET USAGE	VERIFIED TO FIELD RECEIPT
			ORDERED	LOADED/ BLENDED	RETURNED		
Calcium Chloride	100112	LB	698	698	0	698	
Cello Flake	100295	LB	186	186	0	186	
FP-6L	488019	GALS	10	10	0	10	
Fresh Water	399000	GALS	10,586	0	0	0	
Granulated Sugar	499632	LB	100	100	0	100	
Static Free	499680	LB	60	60	0	60	
Type III Cement	499703	94LBS	742	742	0	742	

COMMENTS:

ISSUED BY Gary D Daniel
RECEIVED TO LOCATION VITALIJS A NEVERDASOVS
SERVICE SUPERVISOR

DATE JUL-21-2013
DATE JUL-24-2013

RETURNS VERIFIED BY
APPROVAL SCOTT D SMITH
OPERATIONS SUPERVISOR

DATE