

# BISON OIL WELL CEMENTING, INC.



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E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 10775

LOCATION 74-65

FOREMAN Kirk Kallio BP  
Tucker Dario

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-27-11	Wahlert AC 33-634N	33	7N	63W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>HP315</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>2:15pm</u>	TIME LEFT LOCATION <u>9:00pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED	
13 3/4					
TOTAL DEPTH <u>897</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>842</u>			STRING		
CASING SIZE <u>9 5/8</u>	TUBING WEIGHT	OPEN HOLE	TUBING		
	TUBING CONDITION				

CASING DEPTH	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
<u>892</u>		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT <u>36 lb</u>	PACKER DEPTH	<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
CASING CONDITION <u>good</u>		<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	ISIP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB Big up, safety meeting, Psit test, Per Coman, Pump spacer, 10 BBls sap, 10 BBls soap w/ Dye, 45 BBls KCL H2O, mix Pump 500 SKs cement at 30% excess at 1.27 yield at 15.2 lbs or until all displaced by Coman, Release Plug Disp 65 BBls H2O, Bump Plug 300psi over Lift Psi, wait 5 min Release Psi washup Big Down H2O test OK

Arrived w/ 750 SKs cement 9 gal KCL 75 lbs supp 1 gal soap 16 oz Dye 115.1 BBls slurry

JOB SUMMARY DESCRIPTION OF JOB EVENTS Safety meeting 5:45pm Pump spacer 7:29pm cement 7:40pm

Drop Plug 8:07pm Displace 8:07pm  
10 BBls at 6.0 BBls/m 8:10pm 150psi used 10% Excess  
20 BBls at 6.0 BBls/m 8:11pm 270psi used 409 SKs cement  
30 BBls at 6.0 BBls/m 8:13pm 300psi 92.5 BBls slurry  
40 BBls at 6.0 BBls/m 8:14pm 370psi 3.7 BBls/m Aug cement  
50 BBls at 6.0 BBls/m 8:18pm 470psi  
60 BBls at 3.5 BBls/m 8:20pm 400psi  
65 BBls at 1.0 BBls/m 8:23pm 350psi  
Bump Plug 8:23pm 500psi

Lift w/ 341 SKs cement 3 gal KCL & Dye 1/2 gal soap BBls Back 23

WSS

AUTHORIZATION TO PROCEED

TITLE

12-27-11

DATE

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.