

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10253

LOCATION 57-72

FOREMAN Kirk Kallhoff  
Mike R. CR. marks

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-20-11	E 66E USA 403-11D	3	6N	64W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Soren 1413</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>9:00am</u>	TIME LEFT LOCATION <u>11:30am</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
12 1/4					
TOTAL DEPTH <u>845</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>792.64</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 7/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>838</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE

CASING WEIGHT <u>2415</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
			<input type="checkbox"/> MISC PUMP	
			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8

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 Rig up, safety meeting, Psitest, circ 50 bbls KCL H2O 2nd 104 Dye mix & Pump 3575 sks cement at 30% excess at 1.27 yield at 15.2 lbs cement/slug, Cement will make call on when to stop if no dye is seen, Per cement, Release Plug, Disp 50.4 BBLs H2O, Bump Plug At 150 Psi, circ Lift Psi, wait 5 min Release Psi, washup, Rig Down  
H2O test OK  
800 BBLs slug

Arrived w/ 575 sks cement 4 gal KCL 16oz Dye

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS safety meeting 9:45am circ 10:03am cement 10:16am

Drop Plug 10:35am Disp 10:35am

10 BBLs AT 5.0 BBLs/m 10:39am 260 psi

used 8% excess

20 BBLs AT 5.0 BBLs/m 10:41am 270 psi

used 2.75 sks cement

30 BBLs AT 5.0 BBLs/m 10:43am 380 psi

62.2 BBLs slug

40 BBLs AT 5.0 BBLs/m 10:45am 500 psi

50 BBLs AT 1.0 BBLs/m 10:50am 350 psi

50.4 BBLs AT 1.0 BBLs/m 10:50am 350 psi

Bump Plug 10:50am 520 psi

Lift w/ 300 sks cement 2 gal 34% KCL & Dye

BBLs Build 8



COMAN  
TITLE

8-20-11  
DATE