

# BISON OIL WELL CEMENTING, INC.



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INVOICE # 7980  
LOCATION WCR 47766  
FOREMAN Calvin Reimers

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
<u>5-4-10</u>	<u>FEITE 23-150</u>	<u>23</u>	<u>6N</u>	<u>15W</u>	<u>Weld</u>	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Ensign Rig 126</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION <u>4:45 pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PSTD</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 lb</u>	PACKER DEPTH		<input 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 S	

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Pre Completion, Circ 2.7 bbls H<sub>2</sub>O with KCL + Dye in 2nd 10 bbls. Pumping Tell Dye is seen then pump Tub out at 15.2 lb - 1.2 Twp. Drop plug, Displace 2.7 bbls H<sub>2</sub>O. Pump plug at no more than 150 Psi over Lift Psi. Wait 5 min then bleed off R; Washing, Rig down, H<sub>2</sub>O Tested OK. We have 4.50 sacks cement, 26.07 Dye, 13 Gals KCL.

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 3:08 AM, Circ 3:39 AM, Cement 3:45 AM, Drop plug 3:57 AM, Displace 3:58 AM

10 bbls 280 Psi 4:01 AM 7.0 bbls H<sub>2</sub>O  
20 bbls 250 Psi 4:03 AM 6.0 bbls H<sub>2</sub>O  
27.7 bbls 190 Psi 4:09 AM 5.8 bbls H<sub>2</sub>O

Bump Plug 330 Psi at 4:09 AM Psi Held for 5 min.  
USED 10% Excess = 172 Sacks 38.9 bbls Slurry  
Left with 478 Sacks Cement, 16.07 Dye, 10 Gals KCL

7 bbls Slurry To The PIT  
5-4-10

AUTHORIZATION TO PROCEED

TITLE

DATE

Customers hereby acknowledges and specifically agrees 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.