

# BISON OIL WELL CEMENTING, INC.



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REF INVOICE # 7628  
LOCATION WCR 53+64  
FOREMAN Calvin Reimers

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-1-11	ROBE	A 28-25	28	EN	64W	Weld

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Cade Rig 21</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>3:25 AM</u>	TIME LEFT LOCATION <u>9:00 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>752</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 699.39</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 7/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>742.77</u>		TREATMENT VIA			

PRESSURE SUMMARY			TYPE OF TREATMENT		TREATMENT RATE	
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM		
FINAL DISPLACEMENT psi	ISIP psi		<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM		
ANNULUS psi	5 MIN SIP psi		<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM		
MAXIMUM psi	15 MIN SIP psi		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM		
MINIMUM psi			<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

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, per Company Man, Cica 40666 H<sup>2</sup>O with KCL + Dye x 10 in 2<sup>nd</sup> 10666, Mix + pump till Dye is seen then pump tub only at 152 lbs 1.27 yield, Drop plug, Displace 445666 H<sup>2</sup>O, Bump plug at 500 Psi over Lift Psi, Wait 5 min then bleed off Psi, Wash up, Rig down, H<sup>2</sup>O tested good, WE HAVE 700 SKs cement, 32 oz Dye, 10 Gts KCL,

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 6:55 am, Cica 7:20 am, Cement 7:27 am to 7:45 am.

Drop Plug 7:47 am, Displace 7:48 am,  
10666 210 Psi 7:50 am 70666/lm  
20666 350 Psi 7:52 am 70666/lm  
30666 450 Psi 7:54 am 70666/lm  
40666 380 Psi 7:57 am 45666/lm  
44566 500 Psi 8:15 am 10666/lm

Did not Bump plug, Float Collar held  
USED 300 SKs, 678566 Slurry 2376 Excess  
Left with 400 SKs cement, 22 oz Dye, 6 Gts KCL

5666 Slurry To The Pit

[Signature]  
AUTHORIZATION TO PROCEED

TITLE

3-1-11

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.