

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
Denver, Colorado 80202  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 10166  
LOCATION WCR 39+28  
FOREMAN Calvin Reimers

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-26-11	Camp H 30-32	30	3N	65W	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>7:20 AM</u>	TIME LEFT LOCATION <u>10:15 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>833</u>	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
<u>PBTD 787.72</u>	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE <u>8 5/8</u>	TUBING CONDITION			TUBING	
CASING DEPTH <u>826.95</u>		TREATMENT VIA		TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT <u>24 lb</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, per Company Man, CIRC 50 bbls H<sub>2</sub>O with KCL + Dye x 10 in 2nd 10 bbls, Mix + pump Tell Dye is seen then pump Tub only at 15.2 lbs 1.27 yield, Do not go over 55% Excess with out Talking to Company Man, Drop plug, Displace 50.1 bbls H<sub>2</sub>O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down, H<sub>2</sub>O Tested good, WE HAVE 700 SKs, 32 oz. Dye, 10 Qts KCL

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety Meeting 8:24 AM, CIRC 8:46 AM, CEMENT 8:56 AM to 9:10 AM  
Drop Plug 9:11 AM, Displace 9:12 AM  
10 bbls 310 Psi 9:15 AM 7.0 bbls/m  
20 bbls 350 Psi 9:17 AM 7.0 bbls/m  
30 bbls 450 Psi 9:18 AM 7.0 bbls/m  
40 bbls 600 Psi 9:20 AM 7.0 bbls/m  
50.1 bbls 380 Psi 9:24 AM 10 bbls/m  
Bump Plug 540 Psi at 9:24 AM Float Collar Held  
Avg Cement 4.5 bbls/m  
USED 3% Excess = 279 SKs, 63.1 bbls Slurry  
Left with 421 SKs, 22 oz DYE, 5 bbls KCL,  
3 bbls Slurry To The P.T

Roger Foster

AUTHORIZATION TO PROCEED

WSS

TITLE

6-26-11

DATE