

# 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 # 9632

LOCATION WCR 44+57

FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE <u>3-6-11</u>	WELL NAME <u>COLEMAN C 23-04</u>	SECTION <u>23</u>	TWP <u>4N</u>	RGE <u>64W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>ENSIGN Rig 136</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>9:30pm.</u>		TIME LEFT LOCATION <u>1:15am.</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>553</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 503.38</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>546.46</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

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Per Company Man, Cier 30 bbls H<sub>2</sub>O with KCL + Dye x 10 in 2" 10 bbls, Mix + pump tell Dye is seen then pump tub only at 15.2 lbs 1.27 yield, Drop plug, Displace 32 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, 20 oz Dye, 17 qts KCL

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 11:35pm, Cier 12:01am, Cement 12:06am to 12:22am

Drop Plug 12:24am, Displace 12:25am

10 bbls 260 Psi 12:27am 7.0 bbls/m

20 bbls 400 Psi 12:29am 7.0 bbls/m

30 bbls 390 Psi 12:21am 4.5 bbls/m

32 bbls 290 Psi 12:33am 1.0 bbls/m

Bump Plug 450 Psi at 12:32am Float Collar held

USED 35% Excess = 243 SKS, 54.96 bbls Slurry

Avg. CEMENT 3.43 bbls/m

Left with 457 SKS, 10 oz Dye, 14 qts KCL

12 bbls Slurry To the PIT

Ed Case  
AUTHORIZATION TO PROCEED

WSS

TITLE

3-6-11

DATE