

# 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 # 9289  
LOCATION WCR 57+40  
FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE <u>10-1-10</u>	WELL NAME <u>Aloysius C 34-32 D</u>	SECTION <u>34</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 126</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>9:00 pm.</u>			TIME LEFT LOCATION <u>1:30 AM</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>660</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 60493</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>647</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, Circ 40 bbls H<sub>2</sub>O with KCL + Dye in 2<sup>nd</sup> 10 bbl, Mix + pump Tell Dye is seen then pump Tub only at 15.2 lbs. 127 yield, Drop plug, Displace 38.5 bbls H<sub>2</sub>O, Bump plug at no more than 150 Psi over Lift Psi, Wait 5 min then bleed off Psi, Wash up, Rig down, H<sub>2</sub>O TESTED OK, We have 700 sacks CEMENT, 26 oz Dye, 25 Qtz KCL,

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 11:26 pm, Circ 11:44 pm, CEMENT 11:53 pm  
Drop plug 12:41 am, Displace 12:43 am

10 bbls 300 Psi 12:46 am 70 bbls/m  
20 bbls 420 Psi 12:48 am 70 bbls/m  
30 bbls 420 Psi 12:50 am 60 bbls/m  
38.5 bbls 280 Psi 12:55 am 1.8 bbls/m

Bump Plug 380 Psi  
USED 36 % EXCESS = 293 Sacks, 66.27 bbls Slurry  
Left with 407 SACKS CEMENT, 16 oz Dye, 21 Qtz KCL  
2 bbls Slurry to the P.T

AUTHORIZATION TO PROCEED

COMAN  
TITLE

10-1-10  
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