

# 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 # 9268  
LOCATION WCR 49+22  
FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-10-10	PIONEER Y 08-02	8	2N	64W	Weld	

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>2:55 AM.</u>	TIME LEFT LOCATION <u>7:00 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1070</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 1023.95</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1065.96</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>24 lb.</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	TREATMENT RATE	
CASING CONDITION <u>Good</u>			<input type="checkbox"/> PRODUCTION CASING	BREAKDOWN BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	INITIAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	FINAL BPM	
			<input type="checkbox"/> ACID STIMULATION	MINIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	MAXIMUM BPM	
			<input type="checkbox"/> MISC PUMP	AVERAGE BPM	
			<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 60 bbls H<sub>2</sub>O with KCL + Dye x 10 in 2<sup>nd</sup> 10 bbls, Mix + pump Lead at 14.8 lbs. 1.32 yield tell Dye is seen then Mix + pump Tail at 15.2 lbs. 1.27 yield to 0% Excess = 100 SACKS CEMENT TO COVER 271' + SHOE, Drop plug, Displace 65.2 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, WE HAVE 450 SACK OF LEAD, 200 SACKS OF TAIL, 26 OZ DYE, 16 QTS KCL,

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 5:03 am, CIRC 5:29 am, CEMENT 5:44, Drop plug 6:10 am Displace C: Bm  
10 bbls. 220 Psi 6:16 am 7.0 bbls/m  
20 bbls. 230 Psi 6:18 am 7.0 bbls/m  
30 bbls. 280 Psi 6:19 am 7.0 bbls/m  
40 bbls. 420 Psi 6:21 am 7.0 bbls/m  
50 bbls. 570 Psi 6:23 am 7.0 bbls/m  
60 bbls. 650 Psi 6:24 am 6.0 bbls/m  
65.2 bbls. 400 Psi 6:29 am .8 bbls/m  
Bump Plug 550 Psi at 6:29 am, Psi held for 5 min  
USED 0% Excess Lead = 250 SACKS, 58.7 bbls Slurry, 0% Excess Tail = 100 SACKS 22.6 bbls Slurry  
Left with 200 SACKS LEAD, 100 SACKS TAIL, 16 OZ DYE, 10 QTS KCL  
10 bbls Slurry To The Pit

M. J. Johnson  
AUTHORIZATION TO PROCEED

TITLE

8-10-10

DATE