

# 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 # 9210

LOCATION C-53-80

FOREMAN K-K Kallho FF  
mike R Tucker L

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-28-10	Koh40FFUSR AB 21-05P	21	7N	64W	weld	

CHANGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Ensign 126</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>7:45am</u>	TIME LEFT LOCATION <u>11:30am</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>8 7/8 12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>830</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBD <u>778.16</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 7/8</u>	TUBING CONDITION		TUBING		

CASING DEPTH <u>822.42</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>2415</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	

PRESSURE SUMMARY					
BREAKDOWN or CIRCULATING psi	AVERAGE psi			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT psi	ISIP psi			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS psi	5 MIN SIP psi			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM psi	15 MIN SIP psi			<input type="checkbox"/> MISC PUMP	
MINIMUM psi				<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Bi test, circ 50 BBS H2O and 104/Dye, mix & Pump  
351 sks cement at 30% excess at 1.27 yield at 15.2 lbs or until cement stops up, Release Plug  
Displace 49.5 BBS H2O, Pump Plug at 150 psi over LFT Bi test 5 min, Release Psi, wash up  
Rig Down 79.3 BBS slurry  
Arrived w/ 750 sks cement 4 gallons Kel 16oz Dye H2O test OK

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS safety meeting 9:21am circ 9:49am cement 10:00am  
Drop Plug 10:37am Displace 10:37am

used 84% excess  
used 293 sks cement  
65.8 BBS slurry  
10 BBS at 5.5 BBS/m 10:40am 320psi  
20 BBS at 5.5 BBS/m 10:42am 430psi  
30 BBS at 5.5 BBS/m 10:44am 540psi  
40 BBS at 3.5 BBS/m 10:46am 450psi  
49.5 BBS at 1.0 BBS/m 10:51am 380psi  
Pump Plug 10:51am 510psi

LFT w/ 457 sks cement 2 gallons 34ts Kel 6oz Dye BBS Perl 8

*St. Bison*

AUTHORIZATION TO PROCEED

TITLE

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