

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 # 8988
LOCATION WCR 48+7
FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-18-10	JESSER USX 5 03-11	3	4N	68W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>ENSGN Rig 126</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>11:45 p.m.</u>	TIME LEFT LOCATION <u>4:00 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>573.3</u>	TUBING DEPTH	SHOTS/FT			
<u>PBTD 524.51</u>	TUBING WEIGHT	OPEN HOLE			
CASING SIZE <u>8 5/8</u>	TUBING CONDITION				
CASING DEPTH <u>566.02</u>		TREATMENT VIA			

TYPE OF TREATMENT		TREATMENT RATE	
<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
<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			

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 30 bbls H₂O with KCL + Dye x 10 in 1st 10 bbls, Mix + pump tell Dye is seen then pump tub only at 15.2 lbs. 1.27 yield, Drop plug, Displace 33.4 bbls H₂O, Bump plug at no more than 150 PSI over lift PSI, Wait 5 min then bleed off PSI, Wash up, Rig down, H₂O tested good, WE HAVE 650 SACKS CEMENT, 26 oz. Dye, 24 Qts KCL,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 1:52 am, CIRC 2:22 am, CEMENT 2:28 am
Drop Plug 3:03 am, Displace 3:04 am

10 bbls 310 Psi 3:07 am 7.0 bbls/min
20 bbls 400 Psi 3:10 am 7.0 bbls/min
30 bbls 330 Psi 3:12 am 4.5 bbls/min
33.4 bbls 230 Psi 3:15 am .8 bbls/min

Bump Plug 340 Psi at 3:15 am Psi Held for 5 min.
USED 36% EXCESS = 255 SACKS, 57.67 bbls SLURRY
Left with 395 SACKS cement, 16 oz. Dye, 21 Qts KCL
17 bbls SLURRY TO THE PIT

[Signature]
AUTHORIZATION TO PROCEED

Co man
TITLE

5-18-10
DATE