

# 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 # 108410

LOCATION CR52425

FOREMAN Pat Newp

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-5-12	Bennett PL J31-30D	31	5N	46W	Weld	
CHARGE TO NOBLE			OWNER			
MAILING ADDRESS			OPERATOR NOBLE			
CITY			CONTRACTOR NOBLE SAKOY 1015			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION 9:15 AM			TIME LEFT LOCATION 1:45 PM			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
17 1/2					
TOTAL DEPTH 705	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBD 651.8	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 696		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 245	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION 1000			<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 Saturday morning, per company man on CR 40 BBLS H2O with KCL  
DYE 142 and 10 mix + pump till DYE is seen then pump H2O on 4 qt 15.2 #107YU  
DROPPING DISPLACE 41.5 BBLS H2O Bump PLUG 150 PSI over lift PSI Release  
PST wait 5 min Release PST was up rig down H2O fast @ 600 D  
Vehicle 400 SKS 3200 DYE 1500 SKL

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Rig up Sat 11:15 m/f 11:40 mix 11:53 Dropping 12:37  
DIS 12:39  
10 12:42 PSI 80 55 BBLS min.  
20 12:44 120 55 BBLS min  
30 12:48 150 45 BBLS min  
40 12:53 330 1 BB min  
42.6 1:00 520 PSI  
Bump PLUG 520 PSI at 1:00 pm float collar did not hold. Repressured  
to 350 PSI shut in well  
used 310% excess = 300 SKS 68 BBLS slurry.  
Left with 200 SKS 0 DYE OKCL-  
7 BBLS to pit.

 AUTHORIZATION TO PROCEED  
Noble WSS TITLE  
1/5/12 DATE