

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 # 11381
LOCATION WEL 39 +28
FOREMAN Mike Rosalee

TREATMENT REPORT

DATE <u>2-28-12</u>	WELL NAME <u>McGUCKIN H 32-32</u>	SECTION <u>32</u>	TWP <u>3</u>	RGE <u>65</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Cade 21</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>7:00 AM</u>		TIME LEFT LOCATION <u>7:00</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>880</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>DBTD 831.46</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>872</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24185</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

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, PSI TEST 500 PSI, Circ 50 BBls head 1 KCL mix 2nd
10 Dye mix + Pump 372 sks Cement (30% Excess) 1.27414 at 15.2183 or until Company men
stopper us, Release Plug Displace 52.9 BBls 1400 Pump Plug 150 PSI circ. 1st wait Couple min
Release PSI, Washup Rig Down H2O TEST
Arrived well 750 sks Cement 16 gals KCL 16:02 Dye Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 4:40 AM Circ 5:04 AM Cement 5:13 AM
Drop Plug 5:45 AM Displace 5:45 AM

10 BBls AT 5.2 BBls/m 5:49 AM 290 PSI Used 39 % Excess
20 BBls at 5.2 BBls/m 5:51 AM 320 PSI Used 400 sks Cement
30 BBls at 5.0 BBls/m 5:53 AM 360 PSI 90.47 Slurry
40 BBls at 3.0 BBls/m 6:03 AM 360 PSI
50 BBls at 3.0 BBls/m 6:06 AM 320 PSI Flow Collar (held)
52.9 BBls at 1.0 BBls/m 6:10 AM 320 PSI
Pump Plug 1.0 BBls/m 6:10 AM 490 PSI BBls Back to PT
Left well sks Cement gals KCL @ Dye

Lloyd Rowell

AUTHORIZATION TO PROCEED

TITLE

DATE

2-28-12