

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 # 108412
LOCATION well 46 + 43.5
FOREMAN Pat Ward

TREATMENT REPORT

DATE 1-9-12	WELL NAME moser PC 6 10-21 D	SECTION 10	TWP 4N	RGE 6SW	COUNTY Weld	FORMATION
CHARGE TO NOBLE		OWNER				
MAILING ADDRESS		OPERATOR NOBLE				
CITY		CONTRACTOR L45192 136				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 4:45		TIME LEFT LOCATION 9:30				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 8 1/2	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 746	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PTD 692.89	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 736.74	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT 24#	PACKER DEPTH	[X] SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION 6001)		[] PRODUCTION CASING		INITIAL BPM	
		[] SQUEEZE CEMENT		FINAL BPM	
		[] ACID BREAKDOWN		MINIMUM BPM	
		[] ACID STIMULATION		MAXIMUM BPM	
		[] ACID SPOTTING		AVERAGE BPM	
		[] MISC PUMP			
		[] OTHER		HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB Rig up SAFETY meeting per Company policy. Request CIRC 40 BPMs
H2O with KEL DYE in 2nd 10, 1st 10 TILL DYE IS SEEN. Then pump tubing 30 BPMs at 15.25 12700
Don't go over 30% excess with out talking to Company person. DROP PLUG DISPLACE 40 BPMs
H2O bump plug 150 PSI over lift 150 wait 5 min. Release PID wash up rig down
Vehicle 6005KS 3702 DYE 16 QTS KEL

JOB SUMMARY
DESCRIPTION OF JOB EVENTS SAFETY: 7:08 CIRC 7:35 mix 7:45 DROP PLUG 8:11
Displace 8:13
10 8:16 230 PSI 3.5 BBL/min
20 8:18 270 PSI 4.9 BBL/min
30 8:20 380 PSI 3.9 BBL/min
40 8:25 330 PSI 4.5 BBL/min
44 8:29 480 PSI 1 BBL/min
Bump plug 9:29 PM at 680 PSI float collar HCD
used 5% excess = 255 SKS 57.6 BBLSS/LR/KY
AUG CL meet 2 BBL/min.
Left with 345 SKS 1602 DYE 12 QTS KEL
13 BBLs x pit.

[Signature]
AUTHORIZATION TO PROCEED

TITLE

DATE