

BISON OIL WELL CEMENTING, INC.



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REF INVOICE # 11226

LOCATION 8064 68-69

FOREMAN Kirk Kallhoff
Mike P. Gusten Tucker

TREATMENT REPORT

DATE <u>8-3-12</u>	WELL NAME <u>Wells Branch AA 14-69-1H2</u>	SECTION <u>14</u>	TWP <u>6N</u>	RGE <u>63W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>HIP 315</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>2:00pm</u>		TIME LEFT LOCATION <u>9:00am</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>685</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>658</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>675</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>3615</u>	PACKER DEPTH		[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>good</u>			[] 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 Big up safety meeting, Psit test, Perconan, clear 50 BBS KLL H2O, 2nd 100/Dye mix
Pump 370 sks cement at 30% Excess at 127 yield at 15.2 lbs cement. All stopped by conan, Release Plug
Pump 508 BBS H2O, Pump Plug at 150 Psi, over Lift Psi, wait 5min Release Psi, wash up
Big Down
Arrived w/ 650 sks cement 4 gal tel 16oz dye
83.6 BBS slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS safety meeting 6:35am clear 7:08am cement 7:18am slip cement 7:39am
Drop Plug 7:42am Displace 7:42am
10 BBS at 6 BBS/m 7:45am 350psi
20 BBS at 6 BBS/m 7:46am 400psi
30 BBS at 6 BBS/m 7:47am 500psi
40 BBS at 6 BBS/m 7:49am 500psi
50 BBS at 1 BBS/m 7:51am 300psi
50.8 BBS at 7:51am 300psi
Bump Plug 7:51am 500psi
Psit test casing at 1000 Psi for 5min

LPA w/ 272 sks cement 2 gal 3pts KLL 6oz dye
BBS Back 10

(Paul W. Dein) NEI USS 8-3-12
AUTHORIZATION TO PROCEED TITLE DATE