

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11397  
LOCATION 41 J504  
FOREMAN Kirk  
Tutor Perio Rife

## TREATMENT REPORT

DATE <u>2-21-12</u>	WELL NAME <u>Pickens F32-27D</u>	SECTION <u>32</u>	TWP <u>5N</u>	RGE <u>6SW</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Ensign 121</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>12:45 am</u>		TIME LEFT LOCATION <u>8:00 am</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>625</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>574.34</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>669.75</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 lb</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 S

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, PSI Test Per Comen, Circ 30 lbs H2O, Pyc 2nd 100lb  
Mix & Pump 265 sacs at 30% excess at yield 1.27 at 30% excess at 15.2 lbs or until cement stops  
Release Plug Disp 36.5 Brls H2O, Pump Plug at 150 psi over lift psi, wait 5 min release  
psi washup Rig down 11/20 test OK  
Arrived w/ 575 cement 4 gal KCL 1600 Pyc 59.9 Brls Slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 6:22 am Circ 6:44 am Cement 6:49 am  
Pump Plug 7:09 am Displace 7:09 am  
10 Brls at 6.0 BBls/m 7:11 am 180 psi Used 70% Eviness  
20 Brls 6.0 BBls/m 7:13 am 300 psi Used 346 sacs cement  
30 Brls 3.5 BBls/m 7:17 am 350 psi 78.2 BBls/slurry  
36.5 Brls 1.0 BBls/m 7:21 am 250 psi  
Pump Plug 7:21 am 600 psi

Left w/ 229 sacs cement 3 gal 1 qt KCL 600 Pyc Brls back - 17

Michael Maguire  
AUTHORIZATION TO PROCEED

TITLE

2-21-12  
DATE

DATE