

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 8726

LOCATION WCR 76+53

FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-27-10	Hoffner 01	28	7N	64W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>ENGIN RIG 303</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>9:45 am / 7:45 am</u>	TIME LEFT LOCATION <u>3:45 pm / 9:45 am</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>7205</u>	TUBING DEPTH <u>2002</u>	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT <u>4.7 lb.</u>	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION <u>Good</u>		TUBING		

CASING DEPTH	CASING WEIGHT	CASING CONDITION	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
	PACKER DEPTH			[ ] SURFACE PIPE	BREAKDOWN BPM
				[ ] PRODUCTION CASING	INITIAL BPM
				[ ] SQUEEZE CEMENT	FINAL BPM
				[ ] ACID BREAKDOWN	MINIMUM BPM
				[ ] ACID STIMULATION	MAXIMUM BPM
				[ ] ACID SPOTTING	AVERAGE BPM
				[ ] MISC PUMP	
				OTHER <u>P/A</u>	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, BREAK CIRC, Mix + pump 75 sacks cement, 15.2 bbls. Slurry at 15.8 lbs. 1.14 yield, Displace 75 bbls. To 2002', 2<sup>nd</sup> Plug, BREAK CIRC, Mix + pump 100 sacks cement, 20.3 bbls. Slurry at 15.8 lbs. 1.14 yield, Displace 2.5 bbls. to 711' wait 3 hrs to Tag, 3<sup>rd</sup> Plug, BREAK CIRC, Mix + pump 175 sacks cement, 35.5 bbls. Slurry at 15.8 lbs. 1.14 yield, Displace 1.25 bbls. to 347', RETURN NEXT DAY, 4<sup>th</sup> Plug, ~~Break Circ~~ Safety meeting, BREAK CIRC, Mix + pump cement to surface hold back 3 bbls. in Tub to Top off, Displace 1 bbl. Wash up, Rig down

DESCRIPTION OF JOB EVENTS Safety meeting 10:09 am, 1<sup>st</sup> Plug, CIRC 10:17 am, 3 bbls. H<sub>2</sub>O, Cement 10:19 am 75 sacks 15.2 bbls. Slurry, Displace 10:26 am to 10:29 am 75 bbls. H<sub>2</sub>O, Start Pull Pipe 10:31 am, End Pull Pipe 10:51 am, 2<sup>nd</sup> Plug, CIRC 10:56 am 5 bbls. H<sub>2</sub>O, Cement 11:01 am, 100 sacks, 20.3 bbls. Slurry, Displace 11:08 am to 11:10 am 2.5 bbls. H<sub>2</sub>O, Start Pull Pipe 11:12 am, End Pull Pipe 11:21 am, 3<sup>rd</sup> Plug, CIRC 2:51 pm 3 bbls. H<sub>2</sub>O, Cement 2:54 pm, 175 sacks, 35.5 bbls. Slurry, Displace 3:04 pm to 3:05 pm 1.25 bbls. H<sub>2</sub>O, Start Pull Pipe 3:07 pm, End Pull Pipe 3:20 pm, Next Day, 4<sup>th</sup> Plug, Safety meeting 8:22 am, CIRC 8:37 am, 3 bbls. H<sub>2</sub>O, Cement 8:40 am, 127 sacks, 25.78 bbls. Slurry, Displace 8:48 am to 8:49 am to 277', Start Pull Pipe 8:51 am, End Pull Pipe 8:56 am, Top off with 3 bbls. Slurry in Tub 8:58 am,

Total used 477 sacks cement, 96.84 bbls. Slurry

*[Signature]*

AUTHORIZATION TO PROCEED

TITLE

1-27-2010

DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.