

# BISON OIL WELL CEMENTING, INC.



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## RECEIVED

MAY 22 2012

## COGCC

REF. INVOICE # 8764

LOCATION WCR 41+50

FOREMAN Calvin Reimers

### TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-9-10	STROHAUER F 33-32D	32	5N	65W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>ENSIGN Rig 136</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>2:50 AM.</u>	TIME LEFT LOCATION <u>8:00 AM.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
12 1/4					
TOTAL DEPTH <u>613.1</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PRTD 533.30</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUSING		
CASING DEPTH <u>576.41</u>		TREATMENT V/A	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>3216.</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, Circ 30 bbls KCL no Dye, Mix + pump tell we get cement to surface, Drop plug, Displace 32.4 bbls H2O, Bump plug at no more than 150 Psi over Lift Psi, Wait 5 min. then bleed off Psi, Washup, Rig down, CEMENT mixed at 15.2 lbs. 1.27 yield, We have 700 sacks cement, 26 oz. Dye, 10 qts. KCL, water tested good,

#### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 5:49 am, ~~wait~~ wait for Rig to fill water tank  
Circ 6:34 am, Cement 6:42 am, Drop plug 7:07 am, Displace 7:09 am

10 bbls 380 Psi 7:13 am 7.0 bbls/lm  
20 bbls 430 Psi 7:14 am 7.0 bbls/lm  
30 bbls 370 Psi 7:16 am 4.5 bbls/lm  
32.4 bbls 2.50 Psi 7:20 am .8 bbls/lm

Bump Plug 430 Psi at 7:20 am  
USED 100 TO EXCESS = 399 sacks cement, 90.24 bbls slurry  
Left with 301 sacks cement, 26 oz Dye, 7 qts KCL  
32.4 bbls Slurry To The P.T

Jim Turner  
AUTHORIZATION TO PROCEED

RS

TITLE

2-9-10

DATE