

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11539  
LOCATION 78 & 63  
FOREMAN Tucker Lehmkuhl  
Pat. Pablo, Mike

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6/18/12	Grisley PC 40-30-73 HU	30	7.0	63W	Weld	
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>HPL 322</u>				
STATE / ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>3:45 am</u>		TIME LEFT LOCATION <u>7:30 am</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>630</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>575</u>	TUBING WEIGHT	OPEN HOLE	STUBING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>620</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36 lbs</u>	PACKER DEPTH		1 - SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>600</u>			1 - PRODUCTION CASING		INITIAL BPM
			1 - SQUEEZE CEMENT		FINAL BPM
			1 - ACID BREAKDOWN		MINIMUM BPM
			1 - ACID STIMULATION		MAXIMUM BPM
			1 - ACID SPOTTING		AVERAGE BPM
			1 - MISC PUMP		
			1 - 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 P55 test Perco-man Circ 40 bbls H2O 2nd 1000/dye  
mix & pump 340 sks cement at 30% excess at 1.37 yield at 15.2 lbs or until co-man stops us Release plug  
dis 44.5 bbls H2O Bump plug 150 psi over 1.1 ft psi wait 5 min release pl. washup rig down  
H2O test ok

Arrived w/ 650 sks cement 4 gal KCL 16 oz dye 76.9 bbls slurry

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 5:35 am Circ 6:02 Cement 6:16  
Stop cement 6:27 Drop plug 6:31 Dis 6:31

10 bbls at 6:25 am 210 psi used 1 % excess  
20 bbls at 6:37 300 used 264 sks cement  
30 bbls at 6:38 390 59.7 bbls slurry  
40 bbls at 6:40 250  
44.5 bbls at 6:43 450  
Bump Plug at 6:43 am 450 psi

Left w/ 380 sks cement 3 gal KCL BBLs Back 5

Roger Foltz  
AUTHORIZATION TO PROCEED

WSS

TITLE

6/18/12  
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