

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9048  
LOCATION Hwy 14+49  
FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE <u>7-30-10</u>	WELL NAME <u>GREEN USX EE 13-08</u>	SECTION <u>13</u>	TWP <u>7N</u>	RGE <u>65W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>ENSGR RIG 126</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>5:00 AM</u>		TIME LEFT LOCATION <u>8:30 AM</u>				

### WELL DATA

### PRESSURE LIMITATIONS

HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>818</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 770.02</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>812.08</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 lb</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, Per Company Man, Circ 50 bbls H<sub>2</sub>O with KCL + Dye x 10 in 2nd 10 bbls. Mix + pump tell Dye is seen then pump tub only at 15.2 lbs. 1.27 yd, Drop plug, Displace 49 bbls. H<sub>2</sub>O, Bump plug at no more than 150 Psi over Lift P, Wait 5 min. then bleed off P, Washup, Rig down, H<sub>2</sub>O Tested good, We have 600 sacks cement, 26 oz. Dye, 16 qts KCL,

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 6:21 am, Circ 6:43 am, Cement 6:52 am

Drop plug 7:35 am, Displace 7:36 am,  
10 bbls 240 Psi 7:42 am 7.0 bbls/m  
20 bbls 300 Psi 7:44 am 7.0 bbls/m  
30 bbls 420 Psi 7:45 am 7.0 bbls/m  
40 bbls 490 Psi 7:47 am 6.0 bbls/m  
49 bbls 340 Psi 7:52 am .8 bbls/m

Bump Plug 460 Psi at 7:52 am Psi held for 5 min  
USED -6% Excess = 2.54 sacks, 57.45 bbls slurry  
Left with 346 sacks cement, 16 oz Dye, 11 qts KCL  
6 bbls slurry to the pit

AUTHORIZATION TO PROCEED

TITLE

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.