

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9043  
LOCATION Wells Ranch  
FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE <b>7-21-10</b>	WELL NAME <b>Wells Ranch USXAA 11-01P</b>	SECTION <b>11</b>	TWP <b>6N</b>	RGE <b>63W</b>	COUNTY <b>Weld</b>	FORMATION
CHARGE TO <b>Noble</b>		OWNER				
MAILING ADDRESS		OPERATOR <b>Noble</b>				
CITY		CONTRACTOR <b>ENSign Rig 55</b>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <b>12:15 AM.</b>		TIME LEFT LOCATION <b>5:45 AM.</b>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <b>12 1/4</b>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <b>675.1</b>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<b>PBTD 624.05</b>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <b>8 5/8</b>	TUBING CONDITION		TUBING		
CASING DEPTH <b>665.87</b>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <b>2416.</b>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <b>Good</b>			<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 40 bbls. H<sub>2</sub>O with KCL + Dye x 10 in 2<sup>nd</sup> 10 bbls., Mix in pump tell Dye is seen then pump Tub + 5 bbls. Slurry, Drop plug, Displace 39.7 bbls. H<sub>2</sub>O, Bump plug at no more than 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down, We have 700 sacks cement, 3202 Dye, 10 Qts. KCL,**

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS **Safety meeting 4:12 am, Circ 4:23 am, Cement 4:31 am  
Drop plug 4:52 am, Displace 4:53 am**

**10 bbls 250 Psi 4:57 am 7.0 bbls/m  
20 bbls 380 Psi 4:59 am 7.0 bbls/m  
30 bbls 460 Psi 5:00 am 6.0 bbls/m  
39.7 bbls. 300 Psi 5:05 am .8 bbls/m**

**Bump Plug 450 Psi Psi Held for 5 min  
USED 0% EXCESS = 220 SACKS CEMENT, 49.76 bbls. Slurry  
Left with 480 SACKS CEMENT, 22 oz. Dye, 6 Qts KCL  
8 bbls Slurry To the Pit**

*MS. S. H. H.*  
AUTHORIZATION TO PROCEED

TITLE

**7-21-10**

DATE