

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
Denver, Colorado 80202  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 11471  
LOCATION WEL 48-57  
FOREMAN MIKE ROSALEZ

## TREATMENT REPORT

DATE <u>4-12-12</u>	WELL NAME <u>Hoffman C-02 -33-10</u>	SECTION <u>3</u>	TWP <u>4</u>	RGE <u>64</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Ensign 132</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>1:30 PM</u>		TIME LEFT LOCATION <u>4:30 PM</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>721</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>BD 669.37</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>714.84</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>24 lbs</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	

INSTRUCTIONS PRIOR TO JOB Rig up, Sattymecting, PSE TEST 500 PSE, Circ. 50 BBls H<sub>2</sub>O/KCL, 2<sup>nd</sup> Dye  
Dye, Mix + Pump 305 Sks Cement (30% Excess) Yield 1.22, Density 15-2 lbs, or until 1 Company  
men Stopps vs, Release Plug Displace 42.6 BBls H<sub>2</sub>O Bump Plug at 150 PSE over 1.5 ft. wait  
5 min Release PSE Wash up Rig Down Slurry 68.9  
Arrived with 600 Sks Cement 109 Sks KCL T 32 02 Dye Slurry H<sub>2</sub>O Good

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Sattymecting 2:10 PM Circ 2:32 PM Cement start 2:48  
Cement stop 2:40 PM 3:08 PM Drop Plug 3:15 PM Displace 3:15 PM  
10 BBls at 5-3 BBls/m 3:19 PM 230 PSE Used 0 % Excess  
20 BBls at 5-1 BBls/m 3:21 PM 230 PSE Used 229 Sks Cement  
20 BBls at 5-2 BBls/m 3:23 PM 360 PSE Slurry 51.8  
40 BBls at 3-1 BBls/m 3:26 PM 310 PSE one BBl of mix shy of perfect hole  
42.6 BBls at 1-1 BBls/m 3:29 PM 290 PSE  
Bump Plug 1-1 BBls/m 3:29 PM 540 PSE  
Flow Collar Held BBls BACK P.P.T  
Left with 371 Sks Cement 5 qts KCL 0 Dye

Justin Fields NEI WES 4-12-12  
AUTHORIZATION TO PROCEED TITLE DATE