

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11378  
LOCATION WCR 50.5 +41  
FOREMAN Mike Rosalez

## TREATMENT REPORT

DATE <u>2/25/12</u>	WELL NAME <u>Dickens 32-07K</u>	SECTION <u>32</u>	TWP <u>5</u>	RGE <u>65W</u>	COUNTY <u>WEL</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Ensign 121</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>430</u>		TIME LEFT LOCATION <u>1100</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>848</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>792.57</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>838</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>241BS</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, Sattymen, PSE Test 500 PSE, Circ 50 BBLs H2O KCL  
mix 2nd 10 Dye, mix + Pump 359 sks Cement (.30% excess) 127 gals AT 15-2 1B.  
On until Compymen stopper us, Release Plug Displace 50.4 BBLs H2O Bump Plug 150  
PSE over 1st wait 5 min Release PSE Washup Rig Down H2O Test  
Arrived 1750 sks 12 gals KCL 1602 Dye Slurry 81.20

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Sattymen 855 pm Circ 930 pm Cement 940 pm  
DROP Plug 10:06 pm Displace 10:06 pm

10 BBLs at 5-0 BBLs/m 10:10 pm 200 PSE	Used 21 90 EXCESS
20 BBLs at 5-0 BBLs/m 10:12 pm 330 PSE	Used 336 sks Cement
30 BBLs at 5-0 BBLs/m 10:14 pm 390 PSE	Slurry 75.99
40 BBLs at 5-0 BBLs/m 10:16 pm 430 PSE	
50 BBLs at 1-0 BBLs/m 10:20 pm 320 PSE	
Bump Plug 1-0 BBLs/m 10:22 pm 490 PSE	
Flow Collar held	BBLs Back to P.T

1st wait sks Cement gals KCL 0 Dye

[Signature]  
AUTHORIZATION TO PROCEED

TITLE

DATE

2-25-12