

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11479  
LOCATION WCR 12159  
FOREMAN Mike Rosaku

## TREATMENT REPORT

DATE <b>4-24-12</b>	WELL NAME <b>Cecil USX A01-63 HW</b>	SECTION <b>1</b>	TWP <b>6</b>	RGE <b>64W</b>	COUNTY <b>Weld</b>	FORMATION
CHARGE TO <b>Noble</b>		OWNER				
MAILING ADDRESS		OPERATOR <b>Noble</b>				
CITY		CONTRACTOR <b>Engle 121</b>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <b>7:00</b>		TIME LEFT LOCATION <b>3:30 pm</b>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <b>13 3/4</b>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <b>930</b>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<b>PBTD 878.34</b>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <b>9 5/8</b>	TUBING CONDITION		TUBING		
CASING DEPTH <b>923.68</b>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <b>34.1BS</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	

INSTRUCTIONS PRIOR TO JOB Rig up, Sattymectm, PSE TEST 500 PSE, Circ 60 BBls h2o/KCL 2nd 10 Dye  
Pump + mix 501 sks Cement (30% Excess) 1.27 gals at 15-21BS, or until Compens stopper  
Release Plug + Displace 67.8 BBls Also Pump Plug at 150 PSE over ALT WAIT 5min Release PST  
WASH up - Rig Down New Test  
Arrived with 750 sks 10 gals KCL 1602 Dye Slurry 113.3

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Sattymectm 12:50 PM Circ 1:19 PM Cement START 1:34 PM  
Cement STOP 2:13 PM DROP Plug 2:18 PM Displace 2:18 PM

<u>10 BBls at 5-5 BBls at 2:22 PM 290 PSE</u>	<u>Used 5 % Excess</u>
<u>20 BBls at 5-5 BBls at 2:24 PM 290 PSE</u>	<u>Used 407 sks Cement</u>
<u>30 BBls at 5-5 BBls at 2:26 PM 350 PSE</u>	<u>Slurry 92.0</u>
<u>40 BBls at 5-5 BBls at 2:28 PM 440 PSE</u>	<u>Flow Collar held</u>
<u>50 BBls at 5-5 BBls at 2:30 PM 470 PSE</u>	
<u>60 BBls at 3-4 BBls at 2:34 PM 470 PSE</u>	
<u>67.8 BBls at 1-0 BBls at 2:38 PM 400 PSE</u>	<u>BKs BACK to P.T</u>
<u>Pump Plug 1-0 BBls at 2:38 PM 560 PSE</u>	<u>12</u>
<u>Left with 501 sks Cement 4 gals KCL 1602 Dye</u>	

W. Kelly  
AUTHORIZATION TO PROCEED

TITLE

4-24-12

DATE