

# BISON OIL WELL CEMENTING, INC.

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INVOICE #  
LOCATION  
FOREMAN

12466  
342-74  
F. H.

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
9-24-13	Crow Creek State AC 36-78-Hd	36	7N	63W	Weld
BILL TO		CONSULTANT			
Noble		BO			
OWNER		RIG NAME & NUMBER			
		PD 828			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
				3403-3203	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		1:30 pm		11:45 pm	
STATE, ZIP		TIME LEFT LOCATION			
		5:15 am			

### WELL DATA

### Cement Makeup

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
604		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
594		
CASING WEIGHT	PACKER DEPTH	
3615		
CASING CONDITION	Good	
Max Rate		
Max Pressure		

Cement Blend	BSN 3% BCLT-1.25LPSK BCLT		
Cement - Specs	lbs	Yield	Water Requirements
	152	1.27	5.85
Annulus Factor	Capacity Factor		
0.238	0.773		
<b>TYPE OF TREATMENT</b> <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A			

HYD HHP = RATE X PRESSURE / 40.8

% Excess  
BBL to Pit

46%  
17

### DESCRIPTION OF JOB EVENTS

Setup ready, Rig up, PSD out, Percepsion pier 46 BBLs RCL H2O and 10 w/ Dye, mix Pump  
343 SKs cement at 30% Excess at 1.27 yield at 152 lbs or unit. 11 stopped by cement  
Release Plug Disp 42.9 BBLs H2O Pump Plug at 150 PSI over Lift PSD wet  
Spin Release PSD wash up Rig Down

X Authorization To Proceed

Title

W. S. S.

Date

X 9-24-13

Customers hereby acknowledge and specifically agree 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.