

# BISON OIL WELL CEMENTING, INC.

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INVOICE #  
LOCATION  
FOREMAN

12740  
397-74  
Kivil

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
10-7-13	Crow Creek State AC 36-77-1 HAN	36	7N	63W	Weld
BILL TO		CONSULTANT			
Noble		Mike			
OWNER		RIG NAME & NUMBER			
		H&P 315			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
				3103-3210	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		11:00 pm		9:45 pm	
STATE, ZIP		TIME LEFT LOCATION			
		2:00 am			

### WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
646		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
640		
CASING WEIGHT	PACKER DEPTH	
36 lb		
CASING CONDITION	Good	
Max Rate		
Max Pressure		

### Cement Makeup

Cement Blend	BFW 340 BCCA-1, 25 lbs per sack BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	152	1.27	5.89
Annulus Factor	Capacity Factor		
1.58	1.0773		
<p>TYPE OF TREATMENT</p> <p><input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze</p> <p><input type="checkbox"/> MISC Pump <input type="checkbox"/> P&amp;A</p>			
HYD HHP = RATE X PRESSURE / 40.8			
% Excess	37%		
BBL to Pit	8		

### DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Perccomen Pump spacer 50 BBLs H<sub>2</sub>O Dye in 2nd 10 min & Pump 357 SPS cement at 30% Excess at 1.27 yield at 152 lbs or until stopped by cement. Release Plug Disp 46.5 BBLs H<sub>2</sub>O, Pump Plug At 150 PSI over Lift PSI wait 5 min. Release PSI wash up Rig Down.

*Mike H*

Authorization To Proceed

Title

X 10-7-13  
Date

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.