

# BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street  
Denver, Colorado 80206  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net



INVOICE #  
LOCATION  
FOREMAN

11735  
50+41  
Calvin Reimer

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
4-1-13	SAUER F33-78-1HC	33	5N	65W	Weld
BILL TO		CONSULTANT			
Noble		Robert / Huey			
OWNER		RIG NAME & NUMBER			
Noble		Ensign Rig 121			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		8 miles		3106/3211	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		5:00 AM		4:55 AM	
STATE, ZIP		TIME LEFT LOCATION			
		10:30 AM			

### WELL DATA

### Cement Makeup

HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend			
13 3/4			BENTON 3% BCCA-1 1.25 lb/lb BFLA-1			
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield	Water Requirements
621				152	1.27	5.89
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor		
9 5/8			.5259	.0773		

CASING DEPTH TUBING CONDITION TREATMENT VIA

627.5

CASING WEIGHT PACKER DEPTH

36 lb.

CASING CONDITION

Max Rate

Max Pressure

7  
2500

### TYPE OF TREATMENT

☒  
☐

Surface Pipe  
MISC Pump

Production ☐ Squeeze  
P&A

HYD HHP = RATE X PRESSURE / 40.8

% Excess

BBL to Pit

10  
16

### DESCRIPTION OF JOB EVENTS

Mix, Safety meeting, Psi test to 500 Psi, Circ 40 bbls H<sub>2</sub>O with KCl + Dye x 16 in 2nd 10 bbls, Mix pump tell good Dye is seen at 152 lbs 1.27 yield, Drop plug, Displace 45.2 bbls H<sub>2</sub>O, Pump plug at 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down.

X  
Authorization To Proceed

Title

X 4-1-13  
Date

Customers hereby acknowledges and specifically agrees 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.



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Treatment Report Page 2

## DESCRIPTION OF JOB EVENTS

Safety Meeting MIRU CIRCULATE Drop Plug 8:59 AM M & P Time Sacks	8:13 AM 6:20 AM 8:35 AM 8:43 AM / 8:58 AM	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5			Displace 5		
		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
		0	7:00 AM	130	0			0			0			0			0		
		10	7:03 AM	390	10			10			10			10			10		
		20	7:04 AM	460	20			20			20			20			20		
		30	7:09 AM	560	30			30			30			30			30		
		40	7:10 AM	420	40			40			40			40			40		
		450	7:12 AM	260	50			50			50			50			50		
		60	Bump	730	60			60			60			60			60		
		70			70			70			70			70			70		
		80			80			80			80			80			80		
		90			90			90			90			90			90		
		100			100			100			100			100			100		
		110			110			110			110			110			110		
		120			120			120			120			120			120		
		130			130			130			130			130			130		
		140			140			140			140			140			140		
		150			150			150			150			150			150		

Notes:

Float Collar Held

USED 10% EXCESS = 317 SKS, 71.70 BBLs SLURRY

16 BBLs SLURRY TO SURFACE

X

Work Performed

X

Title

WSS

X

Date

4-1-13