

# 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

12417

72+29

Calvin Rainiers

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
8-18-13	MERRIT 6-66-7-0659 OH	9	6N	66W	Weld
BILL TO		CONSULTANT			
Bill Barrett		JEREMY			
OWNER		RIG NAME & NUMBER			
Bill Barrett		Nabors Rig M 22			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		21 miles		3106/3210	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		5:00pm		6:00pm	
STATE, ZIP		TIME LEFT LOCATION			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BFAITL 3% BOCA-1.25 16/32 BFLA-1	
13 1/2			Cement - Specs	lbs	Yield
				15.2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
816			.4887	.0773	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TYPE OF TREATMENT		
9 5/8			<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	HYD HHP = RATE X PRESSURE / 40.8		
819.52			% Excess		
CASING WEIGHT	PACKER DEPTH		BBL to Pit		
36 lb.			25		
CASING CONDITION	Good		12		
Max Rate	7				
Max Pressure	2500				

## DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting, Pot Test to 500 Psi, Cier 60 bbls H<sub>2</sub>O with KCL + Dye x 16 in 2nd 10 bbls, Mix + pump till good dye is seen then mix 15% more at 15.2 lbs. 1.27 yield, Drop plug, Displace 59.8 bbls H<sub>2</sub>O, Bump plug at 150 Psi over Lift Psi, Wash up, Rig down,

X Authorization To Proceed

Company Title

X 8-18-13 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.