

# 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

12704  
GUTTERSEN Ranch  
CALVIN REIMERS

UPRR 53 PANAM-COI

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
11-12-13	UPRR APN AM C1	3	2N	64W	Weld
BILL TO	CONSULTANT				
Noble	ERIC				
OWNER	RIG NAME & NUMBER				
Noble	SELECT # 11				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	22 miles		3106/3204		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	9:30 am		9:30 am		
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
	2 7/8		BFNTIL 3% DCCA-1, 2516/5K BFLM-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
	3022			15.2	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Water Requirements		
	6.5		5.89		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	Annulus Factor		
	Good		Capacity Factor		
CASING WEIGHT	PACKER DEPTH		.0059		
CASING CONDITION			TYPE OF TREATMENT		
Max Rate			<input type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input checked="" type="checkbox"/> P&A		
Max Pressure			HYD HHP = RATE X PRESSURE / 40.8		
			% Excess		
			BBL to Pit		

## DESCRIPTION OF JOB EVENTS

MARY, SAFETY MEETING, CICK, CEMENT 100SKS, 22.62 bbls SLURRY AT 15.2 lbs. 1.27 yield  
Displace 14 bbls H<sub>2</sub>O, wait for Rig to pull out to 1101', BREAK CICK, CEMENT TO  
SURFACE AT 15.2 lbs 1.27 yield, Displace 1/4 bbl H<sub>2</sub>O, wait to top off, washup,  
Rig down,

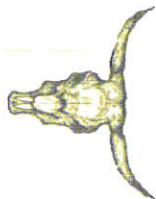
X   
Authorization To Proceed

FOR MAN  
Title

X 11-12-13  
Date

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Calvin Redmond AS

Treatment Report Page 2

## DESCRIPTION OF JOB EVENTS

Safety Meeting	MIRU	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
		BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI
CIRCULATE	10:21 AM	0	10:45	200	0	12:27	500	0			0			0		
Drop Plug	10:28 AM	10	10:49 AM	250	10			10			10			10		
		20	10:50 AM	300	20			20			20			20		
		30			30			30			30			30		
		40			40			40			40			40		
		50			50			50			50			50		
M & P		60			60			60			60			60		
Time		70			70			70			70			70		
	10:38 AM 16 BLS	80			80			80			80			80		
	11:45 AM 122 GPM	90			90			90			90			90		
		100			100			100			100			100		
		110			110			110			110			110		
		120			120			120			120			120		
		130			130			130			130			130		
		140			140			140			140			140		
		150			150			150			150			150		

Notes:

1<sup>st</sup> Plug Break Circ 216 BLS H<sub>2</sub>O, Mix 100 SK, 22.62 6615 Slurry At 15.2 BLS 1.27 yield, Displace 14 BLS H<sub>2</sub>O to 30221  
Start Pull Pipe 10:54 AM, End Pull Pipe 11:33 AM, 2<sup>nd</sup> Plug Break Circ 106 BLS H<sub>2</sub>O, Mix pump 500 SK, 1131 BLS Slurry  
At 15.2 BLS 1.27 yield Did not get Cement to Surface, Displace 164 H<sub>2</sub>O, Start Pull Pipe 12:30 AM  
End Pull Pipe 12:45 PM, Washup R's done

X   
Work Performed

X Foreman  
Title

X 11/12/13  
Date