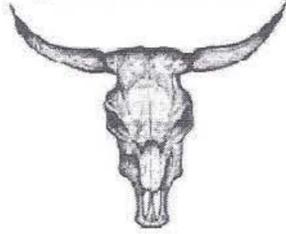


# BISON OIL WELL CEMENTING, INC.

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



INVOICE #

11983

LOCATION

8+35

FOREMAN

CALVIN REIMERS

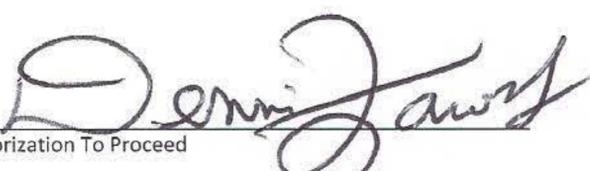
## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-9-13	Mathews 46-14H	14	1N	66W	Weld
BILL TO	CONSULTANT				
ENCANA	DENNIS				
OWNER	RIG NAME & NUMBER				
ENCANA	ENSIGN Rig 135				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCTION		
	33 miles		3106/3203/3210		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	8:00 p.m.		8:00 p.m.		
STATE, ZIP	TIME LEFT LOCATION				
	5:00 a.m.				

WELL DATA			Cement Makeup			
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BFN III 3% BCCA-1, 25/6/5K BFLA-1		
12 1/4			Cement - Specs	lbs	Yield	Water Requirements
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		15.2	1.27	5.89
1321			Annulus Factor	Capacity Factor		
CASING SIZE	TUBING WEIGHT	OPEN HOLE	.3131	.0758		
9 5/8			<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			
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	HYD HHP = RATE X PRESSURE / 40.8 % Excess <input type="text" value="84"/> BBL to Pit <input type="text" value="0"/>			
1326						
CASING WEIGHT	PACKER DEPTH					
40 lb.						
CASING CONDITION	<input type="text" value="Good"/>					
Max Rate	<input type="text" value="7"/>					
Max Pressure	<input type="text" value="2500"/>					

### DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting, Psi Test to 500 Psi, Mix + pump 60% Excess = 592 sks, 133.9 bbls  
 Slurry at 15.2 lbs, 1.27 yield, Drop plug, Displace 97.1 bbls H<sub>2</sub>O, Bump Plug at 150 Psi  
 OVER Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down,  
 7 Circ 30 bbls H<sub>2</sub>O with KCL + Blue Dye in 3<sup>rd</sup> 10 bbls

X 

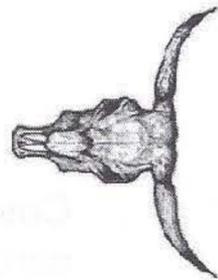
Title

6/9/13

X 6-9-13  
Date

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Treatment Report Page 2

## DESCRIPTION OF JOB EVENTS

Safety Meeting	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
MIRU	0	12:37am	100	0			0			0			0		
CIRCULATE	10	1:30am	400	10			10			10			10		
Drop Plug	20	1:32am	500	20			20			20			20		
	30	1:34am	500	30			30			30			30		
	40	1:37am	580	40			40			40			40		
M & P	50	1:39am	600	50			50			50			50		
	60	1:41am	640	60			60			60			60		
	70	1:45am	630	70			70			70			70		
	80	1:49am	720	80			80			80			80		
	90	1:54am	820	90			90			90			90		
	100	1:57am	750	100			100			100			100		
	110	Bump	920	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:

USED 60% Excess = 592 sks, 133.9 bbls Slurry Lost Curb AT 60 bbls of Displacement

Top Job USED 86 sks, 19.45 bbls Slurry USED 125' of 1' to Do Top Job.

Total USED 84% Excess = 678 sks, 153.35 bbls Slurry

X Pratts Faros  
 Work Performed

X Well site Super.  
 Title

X 6-9-13  
 Date