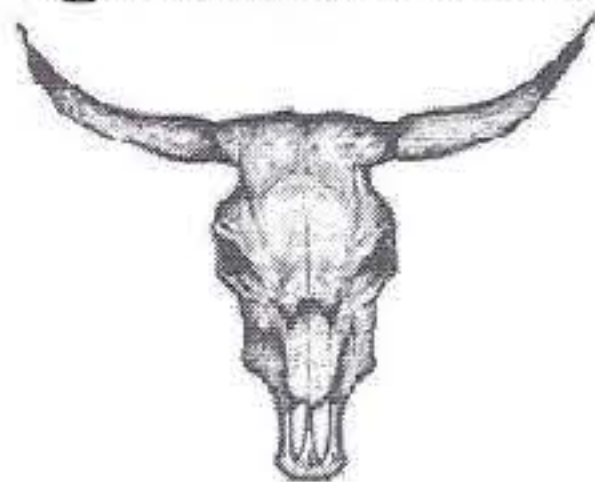


BISON OIL WELL CEMENTING, INC.

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



INVOICE #
LOCATION
FOREMAN

12405
8+35
Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-16-13	MATHENS 4D-14H	14	1N	66W	Weld
BILL TO		CONSULTANT			
ENCANA		Bill			
OWNER		RIG NAME & NUMBER			
ENCANA		Ensign Rig 135			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		33 miles		3106/3204	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		9 to 9:30 AM		9:55 AM	
STATE, ZIP		TIME LEFT LOCATION			
		1:45 PM			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
12 1/4			BFNII 3% BOCA-1.25/16 SK BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
1402			13.1/15.2	1.69/1.27	8.64/5.89
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			.3131	.0758	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
1407.21			<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 WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8		
40 lb.			% Excess 60/0 BBL to Pit 30		
CASING CONDITION	Good				
Max Rate	7				
Max Pressure	2500				

DESCRIPTION OF JOB EVENTS

Misc. Safety meeting, Psi test to 1000 Psi, Circ 30 bbls. H₂O with KCL + Blue Dyex 16 in 2nd 10 bbls, Lead Mix pump 60% Excess = 388 sks, 116.78 bbls Slurry at 13.1 lb. 1.69 yield to cover 1067', Tail Mix pump 0% Excess = 100 sks, 22.61 bbls Slurry to cover 335' + shoe, at 15.2 lb. 1.27 yield, Drop plug, Displace 103.1 bbls H₂O, Bump plug at 500 over lift Psi, wait 5 min. then bleed off Psi, Wash up, Rig down,

X

Bill J. J.

Authorization To Proceed

Title

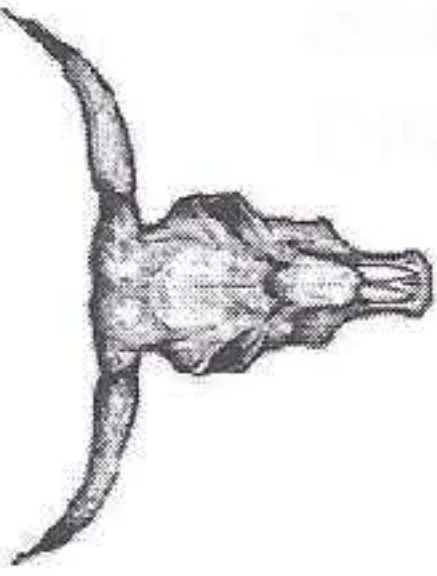
X

7-16-13

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.

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Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting MIRU	Displace 1	Displace 2			Displace 3			Displace 4			Displace 5		
	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI	BBLs
CIRCULATE	0	12:15pm	0	0			0			0			0
Drop Plug	10	12:20pm	0	10			10			10			10
	20	12:23pm	20	20			20			20			20
	30	12:25pm	50	30			30			30			30
	40	12:27pm	120	40			40			40			40
	50	12:30pm	170	50			50			50			50
M & P	60	12:33pm	250	60			60			60			60
Time	70	12:35pm	290	70			70			70			70
11:42am/12:12pm	80	12:38pm	370	80			80			80			80
	90	12:40pm	470	90			90			90			90
	100	12:43pm	510	100			100			100			100
	110	12:45pm	430	110			110			110			110
	120	Bump	940	120			120			120			120
Lead 79.8 bbls mix H ₂ O	130			130			130			130			130
Tail 14 bbls mix H ₂ O	140			140			140			140			140
	150			150			150			150			150

Notes:

Float Held

USED 60% Excess on Lead = 388 SKS, 116.78 bbls Slurry

0% Excess on Tail = 100 SKS, 22.61 bbls Slurry

Total 488 SKS, 139.39 bbls Slurry

30 bbls Slurry Back To Surface

Bull led

X

X 7-16-13

Title

Work Performed