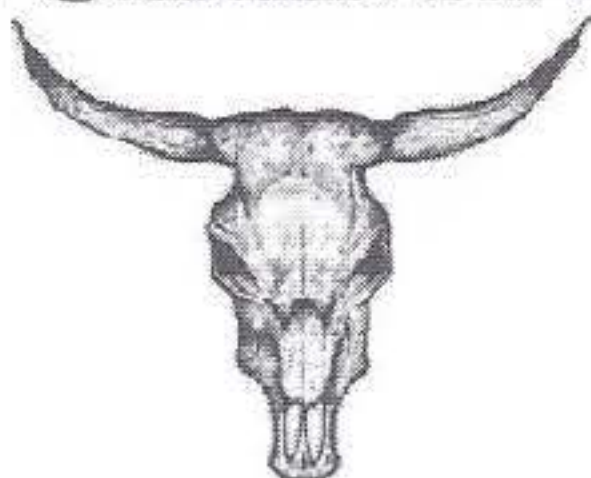


BISON OIL WELL CEMENTING, INC.

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



INVOICE #
LOCATION
FOREMAN

12001
8+35
CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-2-13	MATHEWS 4F-14H	14	1N	66W	Weld
BILL TO		CONSULTANT			
ENCANA		DENNIS / Bill			
OWNER		RIG NAME & NUMBER			
ENCANA		ENSIGN Rig 135			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		33 miles		3106/3203	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		5:30 p.m.		4:30 p.m.	
STATE, ZIP		TIME LEFT LOCATION			
		6:00 am			
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
12 1/4			BFNII 3% BCCA-1 .2516/5K BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
1406				131 / 15.2	1.69 / 1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			.3131	.0758	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
1411.6			<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 18		
CASING CONDITION	Good				
Max Rate	7				
Max Pressure	2500				

DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting, Psi Test to 500 Psi, Circ 30 bbls H₂O with KCL + Blue Dye x 16 in 2nd 10 bbls, Mix + pump LEAD at 60% Excess to cover 1071' = 388 sk, 116.78 bbls Slurry, Mix + pump Tail at 0% Excess to cover 335' + shoe = 100 sks, 22.61 bbls Slurry at 15.2 lbs. 1.27 yield, Drop plug, Displace 103.6 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down,

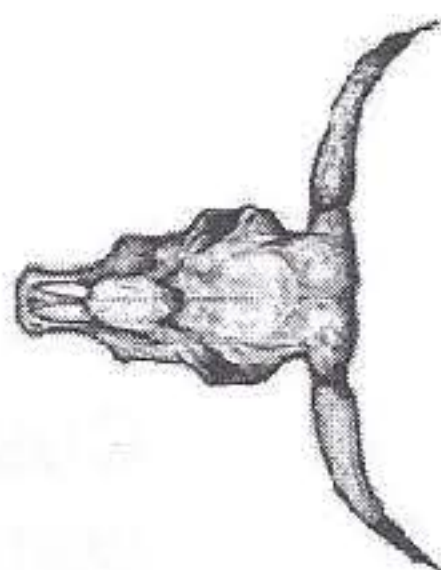
X Authorization To Proceed

Title

X 7-2-13 Date

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12001
8435
Calvin Reimers

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting	2:56am	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
MIRU	2:00am	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
CIRCULATE	3:35pm	0	4:21am	50	0			0			0			0		
Drop Plug		10	4:25am	90	10			10			10			10		
		20	4:26am	100	20			20			20			20		
		30	4:28pm	110	30			30			30			30		
		40	4:30am	180	40			40			40			40		
		50	4:31am	230	50			50			50			50		
M & P		60	4:33am	210	60			60			60			60		
Time	Sacks	70	4:36am	280	70			70			70			70		
346am/416am	488	80	4:38am	400	80			80			80			80		
		90	4:41am	530	90			90			90			90		
		100	4:43am	490	100			100			100			100		
		105	4:45am	490	110			110			110			110		
		120	Bump	990	120			120			120			120		
		130			130			130			130			130		
		140			140			140			140			140		
		150			150			150			150			150		

Notes:

Float Held

USED 60% EXCESS ON LEAD = 388 SKS, 116.78 bbls Slurry at 13.1 lbs. 1.69 yield to cover 1071'
0% EXCESS ON TAIL = 100 SKS, 22.61 bbls Slurry at 15.2 lbs 1.27 yield to cover 335' + shoe

18 bbls Slurry Back To Surface

X Donna Harvey

X Well site Supv.

X 7-2-13

Work Performed

Date