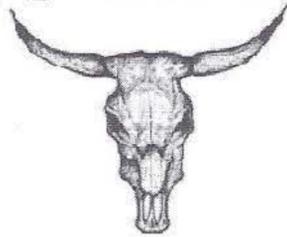


BISON OIL WELL CEMENTING, INC.

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



INVOICE #
 LOCATION
 FOREMAN

11905
 8-35
 Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
5-4-13	Mathews 4A-14M				Weld
BILL TO	CONSULTANT				
Encana	Dennis				
OWNER	RIG NAME & NUMBER				
	Ensign 135				
MAILING ADDRESS	DISTANCE TO LOCATION			UNITS ON LOCATION	
				3103-3203	
CITY	TIME REQUESTED			TIME ARRIVED ON LOCATION	
	2:00am			1:00am	
STATE, ZIP	TIME LEFT LOCATION				
	7:30am				

WELL DATA			Cement Makeup			
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BENTONITE 3% BCCA-1, 25 lbs per sack BPLA-1		
12 1/4			Cement - Specs	lbs	Yield	Water Requirements
				15.2	1.27	5.89
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor		
1323			.3131	.0758		
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TYPE OF TREATMENT <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A			
9 5/8						
CASING DEPTH	TUBING CONDITION	TREATMENT VIA				
1323						
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8 % Excess <input type="text" value="60%"/> BBL to Pit <input type="text" value="26"/>			
4015						
CASING CONDITION	<input type="text" value="good"/>					
Max Rate	<input type="text"/>					
Max Pressure	<input type="text"/>					

DESCRIPTION OF JOB EVENTS

safety meeting, Rig up, PSI test, Perforation clear 30 BBLs KLL H2O 2nd 10w/Dye, mix & Pump 562 sls cement at 60% excess at 1.27 yield at 15.2 lbs, Release Plug Disp 96.9 BBLs H2O, Pump Plug at 150 PSI over Lift psi wait 5min Release PSI washup Rig Down

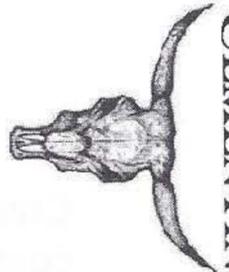
X Dennis Jacob
 Authorization To Proceed

Wellsite Supr
 Title

5-4-13
 Date

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 L. Hill

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting	MIRU	CIRCULATE	Drop Plug	Sacks	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
					Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS
				5125 gm	60	6:07	520	60		60		60		60		60		60	
				5150 step	70	6:09	650	70		70		70		70		70		70	
					80	6:11	710	80		80		80		80		80		80	
					90	6:13	600	90		90		90		90		90		90	
					110	6:17	490	100		100		100		100		100		100	
					120			110		110		110		110		110		110	
					130			120		120		120		120		120		120	
					140			130		130		130		130		130		130	
					150			140		140		140		140		140		140	
					150			150		150		150		150		150		150	

Notes:

used 60% excess
 used 562 SLS cement
 127.1 BZ's slurry
 Didn't bump plug

X David Elms
 Work Performed

X Elmer Co. Rep.
 Title

X 5-4-13
 Date