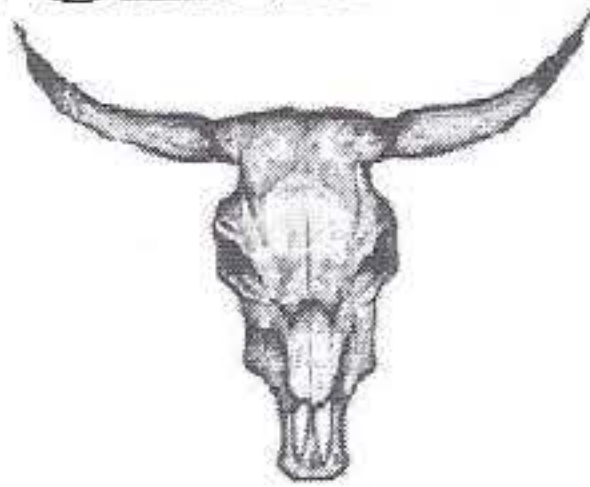


BISON OIL WELL CEMENTING, INC.

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



INVOICE #
LOCATION
FOREMAN

11965
8-B5
Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-20-13	Mathews 4E-101H	14	1N	66W	Weld
BILL TO	CONSULTANT				
OWNER	RIG NAME & NUMBER				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
12 1/4			BFNTD 3% BCCA-1 125 lbs Q&SK BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
1365				1512	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			3131	.0756	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
1365			<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				
40 LB					
CASING CONDITION	HYD HHP = RATE X PRESSURE / 40.8				
Good					
Max Rate	% Excess				
Max Pressure	BBL to Pit				
	83% w/Top of F				

DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Per coman, circ 30 BBLs KLL H2O 2nd 10W/Dye, mix & Pump 627 SKS cement at 60% Excess at 1.27 yield at 1512 lbs release Plug, Disp 99.9 BBLs H2O, Bump Plug at 500 PSI over Lift PSI, wait 5min Release PSI wash up Rig Down

X

Authorization To Proceed

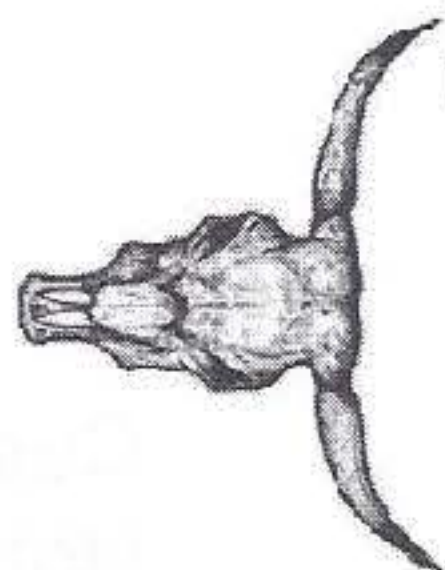
Title

X 6-20-13
Date

Customers hereby acknowledges and specifically agrees 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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INVOICE #
LOCATION
FOREMAN

11965
8-35
KILL

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting	3'11"	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
	2'30"	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
MIRU	3'11"	0	4'30	10	0			0			0			0		
CIRCULATE	3'41"	10	4'34	220	10			10			10			10		
Drop Plug		20	4'35	270	20			20			20			20		
		30	4'37	350	30			30			30			30		
		40	4'39	420	40			40			40			40		
		50	4'41	540	50			50			50			50		
M & P		60	4'43	650	60			60			60			60		
		70	4'45	670	70			70			70			70		
		80	4'54	520	80			80			80			80		
		90	5'07	650	90			90			90			90		
		100	5'18	750	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:

used 7000 Excess 656sls 1483 BBS slurry
Bump Plug at 5'18 990psi
65sl Top of F 14,7 BBS slurry
lost Returns after 7000sls of displacement

X

X

Title

X

Date 6-20-13

Work Performed