

# 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 #

12461

LOCATION

6864

FOREMAN

R.K.

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-13-13	Wells Branch A&E 67 H&N	70	6N	62W	Weld
BILL TO	CONSULTANT				
OWNER	<del>XXXX</del> M&H S				
MAILING ADDRESS	RIG NAME & NUMBER				
	A&P 343				
	DISTANCE TO LOCATION		UNITS ON LOCATION		
			3103 3203		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	1:30 pm		1:00 pm		
STATE, ZIP	TIME LEFT LOCATION				
	5:30 pm				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BFA 340 BCCA 1.25 lbs per sq ft BFA-1	
13 3/4			Cement - Specs	lbs	Yield
				152	107
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
			1528	1073	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	<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		
9 5/8					
CASING DEPTH	TUBING CONDITION	TREATMENT VIA			
CASING WEIGHT	PACKER DEPTH				
38.15					
CASING CONDITION	HYD HHP = RATE X PRESSURE / 40.8				
Good					
Max Rate	% Excess				
	20%				
Max Pressure	BBL to Pit				
	15 BBLs				

## DESCRIPTION OF JOB EVENTS

Safety meeting, Rig up, PSI test, Permeameter over 70 BBS H70 2nd 104 Dye mix Pump 529 sls cement at 3046 Excess at 1.27 yield at 152 lbs or until stopped by cement. Packer Plug Disp 71.9 BBS 1120 Pump Plug at 150 psi over 1.1 ft PSI and Screen Release PSI working. Rig Down

X Matt S Title \_\_\_\_\_ Date 7-13-13

I, the undersigned, 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

	Displace 1	Displace 2		Displace 3		Displace 4		Displace 5		Displace 5	
	BBSL Time PSI	BBSL Time	PSI	BBSL Time	PSI	BBSL Time	PSI	BBSL Time	PSI	BBSL Time	PSI
Safety Meeting	5:15	0	4:15	20	0	0	0	0	0	0	0
MIRU	2:45	10	4:17	50	10	10	10	10	10	10	10
CIRCULATE	3:32	20	4:15	50	20	20	20	20	20	20	20
Drop Plug		30	4:21	100	30	30	30	30	30	30	30
4:15pm		40	4:23	170	40	40	40	40	40	40	40
M & P		50	4:25	250	50	50	50	50	50	50	50
Time	Sacks	60	4:27	320	60	60	60	60	60	60	60
3:45pm		70	4:29	310	70	70	70	70	70	70	70
4:12pm stop		80	4:31	310	80	80	80	80	80	80	80
		90			90	90	90	90	90	90	90
		100			100	100	100	100	100	100	100
		110			110	110	110	110	110	110	110
		120			120	120	120	120	120	120	120
		130			130	130	130	130	130	130	130
		140			140	140	140	140	140	140	140
		150			150	150	150	150	150	150	150

Notes:

used 2000 sacks and 4000 lbs cement 10.3 BBSL slurry 15.333 top  
 Branded P, At 4:32 pm 4700 SF PSI test reading 1000 PSI 15 min

*[Signature]*

X

X

Title

Work Performed

X 9-13-13

Date