

# 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 #

12746

LOCATION

6869

FOREMAN

KLK

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
10/12/13	Wells Report A&Z 20 6442	20	6N	62W	Weld
BILL TO	CONSULTANT				
note	S&H				
OWNER	RIG NAME & NUMBER				
	M&P 343				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
			343-3212		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	10:00pm		9:45pm		
STATE, ZIP	TIME LEFT LOCATION				
	3:00am				

### WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BFW III 3% BCL A1, 75 lbs per sack BFW-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
939			152	127	5.89
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			5.58	1.0773	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
932			<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		
3615					
CASING CONDITION			% Excess	30%	
			BBL to Pit	15	
Max Rate					
Max Pressure					

### DESCRIPTION OF JOB EVENTS

Set plug, mortar, Rig up, PSI test, Per cement, run 70 BBLs KIL H2O 2nd 100/100, mix & pump 541  
545 cement at 30% Excess at 1.27 yield at 152 lbs per sack. 11 stopped By cement, Release Plug  
Disp 68.9 BBLs H2O Pump Plug At 150 PSI over-Lift PSI wait 5 min Release PSI  
wash up Rig Down.

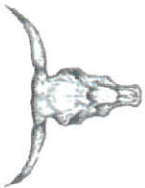
X   
Authorization To Proceed

Title

X 10-17-13  
Date

Customer 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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## Treatment Report Page 2

### DESCRIPTION OF JOB EVENTS

	Safety Meeting	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
		BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI	BBLs	Time	PSI
MIRU	12/13	0	1:45	20	0			0			0			0		
CIRCULATE	11/45	10	1:47	70	10			10			10			10		
Drop Plug	12/40	20	1:49	90	20			20			20			20		
1'45		30	1:51	150	30			30			30			30		
		40	1:53	200	40			40			40			40		
		50	1:55	250	50			50			50			50		
M & P		60	1:57	300	60			60			60			60		
Time	Sacks	541	2:01	250	70			70			70			70		
12:58		80			80			80			80			80		
1:41 stop		90			90			90			90			90		
		100			100			100			100			100		
		110			110			110			110			110		
76 BBS mix H2O		120			120			120			120			120		
		130			130			130			130			130		
		140			140			140			140			140		
		150			150			150			150			150		

Notes:

used 3090 Excess used 541 Sks 1224 BBS slurry 15 BBS to Pit  
Bump test Plug At 2:01 am 440 PSI casing test 1000 PSI 15 min

*[Signature]*

X WSS

X 10-12-13

Work Performed

Title

Date