

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 #

12428

LOCATION

388r57 1/2

FOREMAN

Calvin REMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
9-2-13	Holman B15-65HNM	14	5N	64W	Weld
BILL TO	CONSULTANT				
Noble	Martin S/ Paul D.				
OWNER	RIG NAME & NUMBER				
Noble	H&P Rig 315				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	20 miles		3106/3211		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	7:00 pm.		5:00 pm		
STATE, ZIP	TIME LEFT LOCATION				
	11:30 pm				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BENITE 3% BCCA-1.25 1/2 K BFLA-1	
13 3/4			Cement - Specs	lbs	Yield
				15.2	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
649			.5259	.0773	
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TYPE OF TREATMENT		
9 5/8			<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 DEPTH	TUBING CONDITION	TREATMENT VIA	HYD HHP = RATE X PRESSURE / 40.8		
648.84			% Excess <u>25</u> BBL to Pit <u>15</u>		
CASING WEIGHT	PACKER DEPTH				
3616.					
CASING CONDITION	Good				
Max Rate	7				
Max Pressure	2500				

DESCRIPTION OF JOB EVENTS

Misc. Safety meeting, Psi test to 1000 Psi, Circ 50 bbls H₂O with KCL + Dye 16 in 2nd 10 bbls, Mix + pump
Till good dye is seen then Mix 10 more bbls Slurry at 15.2 lbs. 1.27 yield, Drop plug, Displace
46.8 bbls. H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min then bleed off Psi, Then do
Casing Psi Test to 1000 Psi for 15 min, Then bleed off Psi, Wash up, Rig down.

X (Paul D. DeWitt)

Title

WSS

Date

X 9-2-13

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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LOCATION
FOREMAN

12428
38845712
Calvin Anderson

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting	8:53pm	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
MIRU	8:50pm	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
CIRCULATE	9:40pm	0			0			0			0			0		
Drop Plug		10			10			10			10			10		
		20			20			20			20			20		
		30			30			30			30			30		
		40			40			40			40			40		
		50			50			50			50			50		
M & P		60			60			60			60			60		
Time	Sacks	70			70			70			70			70		
		80			80			80			80			80		
		90			90			90			90			90		
		100			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		
52.61 bbls Mac HD																

Notes:

Flat Did not Hole Closed in at 10:50pm with 320 PSI

USED 25% Excess = 375 SKS, 84.86 bbls Slurry

15 bbls Slurry Back to Surface

X  (Paul W. Dean)

X Title WSS

X Date 9-2-13

Work Performed