

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

11865
81-89
Mike

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
4-4-13	Duck Lake 17-2511				Weld
BILL TO	CONSULTANT				
Bill Barrett	Major KC				
OWNER	RIG NAME & NUMBER				
Bill Barrett	Major				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	40		3		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	10:00		10:15		
STATE, ZIP	TIME LEFT LOCATION				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 1/2		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
835		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9.58		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
829.56		
CASING WEIGHT	PACKER DEPTH	
36 H		

CASING CONDITION	Good
Max Rate	4.8
Max Pressure	500

Cement Makeup

Cement Blend	BFN III 3% BETA II		
Cement - Specs	lbs	Yield	Water Requirements
	15-2	1.27	5.89
Annulus Factor	Capacity Factor		
17842 : 4887 : 434	1.0773		

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	

HYD HHP = RATE X PRESSURE / 40.8

% Excess	15%
BBL to Pit	5

DESCRIPTION OF JOB EVENTS

Rig up Safety, made PSE Test 500 lbs, spaw 40 BBL 2nd 10 days mix + Pump 4.82 sls at 15-21185 at 1.27 yield or unit company, you stopper us Deep Plug Displace 5 BBL, Fresh then 55 BBL mud Pump Plug

X Casey [Signature]
Authorization To Proceed

Title

X 4-4-13
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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Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting MIRU CIRCULATE Drop Plug 108	Time	Sacks	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
			BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI
			0			0			0			0			0		
			10	1.15	120	10			10			10			10		
			20	1.18	180	20			20			20			20		
			30	1.20	220	30			30			30			30		
			40	1.23	300	40			40			40			40		
			50	1.25	320	50			50			50			50		
			60	1.31	250	60			60			60			60		
			70	1.31	330	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		

Notes: Dnsr Plug Displace 60 PSI, 5 lbs. 56 mds Bury Plug 200 PSI

ARRIVE 600 SKE CEMENT 800gH WELL 1402 Dnsr
Left 200 14 gbs 2 Dnsr

X
Work Performed
X
Title
X
Date 4-4-15