

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

11828
Boulder County
Brad K.

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
July 19 2013	Quincy MD 12-6	12	T1S	R69W	Boulder
BILL TO	CONSULTANT				
Noble Energy	Scott				
OWNER	RIG NAME & NUMBER				
	BWS Workover Rig #11				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	65		4022/3104/4016/111		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	8:30		8:30		
STATE, ZIP	TIME LEFT LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	Gr-Cement	
	2'		Cement - Specs	lbs	Yield
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		13.5	1.66
	5000		Annulus Factor	Capacity Factor	
CASING SIZE	TUBING WEIGHT	OPEN HOLE			
	120				
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
	Good		<input type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze		
CASING WEIGHT	PACKER DEPTH		<input type="checkbox"/> MISC Pump <input checked="" type="checkbox"/> P&A		
CASING CONDITION					
Max Rate	05				
Max Pressure	1750				

HYD HHP = RATE X PRESSURE / 40.8

% Excess

BBL to Pit

DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting break @ circulation M+P 175 sks dis / bbl of H₂O.

X

Authorization To Proceed

Title

X

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	10:00	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5			Displace 5		
	9:30	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI	BBS	Time	PSI
MIRU	10:02	0	11:12	800	0			0			0			0			0		
CIRCULATE		10			10			10			10			10			10		
Drop Plug		20			20			20			20			20			20		
		30			30			30			30			30			30		
		40			40			40			40			40			40		
M & P		50			50			50			50			50			50		
Time		60			60			60			60			60			60		
Sacks		70			70			70			70			70			70		
10:18 start	175	80			80			80			80			80			80		
11:10 stop		90			90			90			90			90			90		
		100			100			100			100			100			100		
		110			110			110			110			110			110		
		120			120			120			120			120			120		
		130			130			130			130			130			130		
		140			140			140			140			140			140		
		150			150			150			150			150			150		

Notes:

MIRU Safety meeting. broke Circulation M & P 175 sacks 32 bbls of mix dis 1
bbl of H₂O

X _____ X _____
Work Performed Title Date
X _____
Date