



**Bison Oil Well Cementing
Two Cement Surface Pipe**

Customer
Well Name

Noble Energy Inc.
Morton State LD01-78-1AHN

Date
INVOICE #
LOCATION
FOREMAN

11/13/2014
55038
Weld
Monte Bedeaux

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

		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
Safety Meeting	1:50am															
MIRU	2:00															
CIRCULATE	8:30	0	9:29	0	0			0			0			0		
Drop Plug		10	9:34	100	10			10			10			10		
	9:29	20	9:37	90	20			20			20			20		
		30	9:39	160	30			30			30			30		
		40	9:41	170	40			40			40			40		
		50	9:43	270	50			50			50			50		
M & P		60	9:45	300	60			60			60			60		
Time	Sacks	70	9:47	390	70			70			70			70		
8:37-9:25	443	80	9:49	400	80			80			80			80		
		90	9:52	600	90			90			90			90		
		100			100			100			100			100		
		110			110			110			110			110		
		120			120			120			120			120		
Lead mixed bbls	81.23	130			130			130			130			130		
Lead % Excess	30%	140			140			140			140			140		
Lead Sacks	343	150			150			150			150			150		

Notes:

Tail mixed bbls	14.02	safty meeting, miru, pressure test per company man, circulate 50 bbls ahead with dye in last 10, mix and pump 343 sks lead cement, 100 sks tall														
Tail % Excess	0%	drop plug and displace 87.811 bbls h2o, bump plug at 9:52 am , at 600 psi, hold 5 min release pressure, wash up rig down														
Tail Sacks	100															
Total Sacks	443															
Water Temp	64															
bbl Returns	2.5															

X

Lawrence

Work Performed

X

WSS

Title

X

Date

11/24/14