



Bison Oil Well Cementing

Customer: noble

Well Name: brad burry

Invoice # 12515

API# 5=123 -05679=0

Foreman: Aaron

Date 2/22/2014

County: Weld

State: Colorado

Sec: _____

Twp: _____

Range: _____

Consultant: kelly

Rig Name & Number: ensign # 322

Distance To Location: 80 miles

Units On Location: 4023 3104 3206 4021

Time Requested: 8:00 AM

Time Arrived On Location: 8:00 AM

Time Left Location: _____

Plug Job

Well Data

OD Inches	2.875	
String Weight Per ft	6.5	
First Plug Sacks	252	
First Plug Depth	1528	
Second Plug Sacks	0	
Second Plug Depth	0	
Third Plug Sacks	0	
Third Plug Depth	0	
Fourth Plug Sacks	0	
Fourth Plug Depth	0	
ID	2.441	
First Plug Displacement	8.8442	bbl
Second Plug Displacement	0.0000	bbl
Thirst Plug Displacement	0.0000	bbl
Fourth Plug Displacement	0.0000	bbl
bbls of Spacer Ahead	5	bbls

bbls of Slurry

First Plug bbls of Slurry	51.6134 bbls
Second Plug bbls of Slurry	0.0000 bbls
Third Plug bbls of Slurry	0.0000 bbls
Fourth Plug bbls of Slurry	0.0000 bbls

First Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	15.8
Cement Yield (cuft) :	1.15
Gallons Per Sack:	5.00

Second Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	13.1
Cement Yield (cuft) :	1.84
Gallons Per Sack:	10.10

Third Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	0.0
Cement Yield (cuft) :	0
Gallons Per Sack:	0.00

Fourth Plug Cement Data

Cement Name:	BFN III
Cement Density (lb/gal) :	0.0
Cement Yield (cuft) :	0
Gallons Per Sack:	0.00

Displacement Fluid lb/gal:	8.3
Fluid Ahead (bbls):	15.0
H2O Wash Up (bbls):	20.0

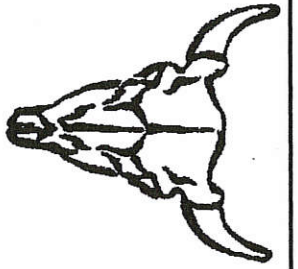
bbls of Mix Water

First Plug bbls Mix Water	30.0000 bbls
Second Plug bbls Mix Water	0.0000 bbls
Third Plug bbls Mix Water	0.0000 bbls
Fourth Plug bbls Mix Water	0.0000 bbls

X

Authorized To Proceed

Customers hereby acknowledges and specifically agrees to the terms and condition on this work order, including, without limitation, the provisions on this work order.



Bison Oil Well Cementing
Single Cement Surface Pipe

Customer
Well Name

noble
brad burry

INVOICE #
LOCATION
FOREMAN
Date

12515
Weld
Aaron
2/22/2014

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting	1 30 pm	Displace 1			Displace 2			Displace 3			Displace 4		
	1:00 PM	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
MIRU		0			0			0			0		
CIRCULATE		10			10			10			10		
CIRCULATE	148 pm	20			20			20			20		
CIRCULATE		30			30			30			30		
CIRCULATE		40			40			40			40		
M & P		50			50			50			50		
First Plug	Time	60			60			60			60		
	Sacks	70			70			70			70		
		0			80			80			80		
		90			90			90			90		
Second Plug		90			90			90			90		
Third Plug		#DIV/0!			100			100			100		
Fourth Plug		100			110			110			110		
Mixed bbls		110			120			120			120		
First Plug	30	120			130			130			130		
Second Plug	0	130			140			140			140		
Third Plug	0	140			150			150			150		
Fourth Plug	0	150											
Water Temp	0												

Notes:

X
Work Performed

X
Title

X
Date