



Bison Oil Well Cementing

Invoice # 12515

API# 5=123 -05679=0

Customer: noble

Foreman: Aaron

Well Name: brad burry

Date 2/22/2014

County: Weld

Consultant: kelly

State: Colorado

Rig Name & Number: ensign # 322

Distance To Location: 80 miles

Sec: _____

Units On Location: 4023 3104 3206 4021

Twp: _____

Time Requested: 8:00 AM

Range: _____

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	bb1
Second Plug Displacement	0.0000	bb1
Thirst Plug Displacement	0.0000	bb1
Fourth Plug Displacement	0.0000	bb1
bb1s of Spacer Ahead	5	bb1s

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 (bb1s):	15.0
H2O Wash Up (bb1s):	20.0

bb1s of Slurry

First Plug bb1s of Slurry	51.6134 bb1s
Second Plug bb1s of Slurry	0.0000 bb1s
Third Plug bb1s of Slurry	0.0000 bb1s
Fourth Plug bb1s of Slurry	0.0000 bb1s

bb1s of Mix Water

First Plug bb1s Mix Wate	30.0000 bb1s
Second Plug bb1s Mix Wat	0.0000 bb1s
Third Plug bb1s Mix Wate	0.0000 bb1s
Fourth Plug bb1s Mix Wat	0.0000 bb1s



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.

