



Bison Oil Well Cementing

Customer: NOBLE
Well Name: MOTIS 01

Invoice # 13163
API# 05-123-1087
Foreman: ARON CARR
Date 9/8/201

County: WELD
State: Colorado
Sec:
Twp:
Range:

Consultant: KELLY
Rig Name & Number: trupoint #15
Distance To Location: TRUEPOINT #15
Units On Location: 3101-4029-4022-3206
Time Requested: 7:30AM
Time Arrived On Location: 8AM
Time Left Location:

Plug Job

Well Data

OD Inches	2.875	
String Weight Per ft	6.5	
First Plug Sacks	100	
First Plug Depth	5300	
Second Plug Sacks	100	
Second Plug Depth	3000	
Third Plug Sacks	325	
Third Plug Depth	850	
Fourth Plug Sacks		
Fourth Plug Depth		
ID	2.441	
First Plug Displacement	30.6768	bbl
Second Plug Displacement	17.3642	bbl
Thirst Plug Displacement	4.9199	bbl
Fourth Plug Displacement	0.0000	bbl
bbls of Spacer Ahead	5	bbls

bbls of Slurry

First Plug bbls of Slurry	20.4815 bbls
Second Plug bbls of Slurry	20.4815 bbls
Third Plug bbls of Slurry	66.5649 bbls
Fourth Plug bbls of Slurry	0.0000 bbls

First Plug Cement Data

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

Second Plug Cement Data

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

Third Plug Cement Data

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

Fourth Plug Cement Data

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

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 Wate	11.9048 bbls
Second Plug bbls Mix Wat	11.9048 bbls
Third Plug bbls Mix Wate	0.0000 bbls
Fourth Plug bbls Mix Wat	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.