



Bison Oil Well Cementing

Customer: NOBLE
Well Name: MOTIS 01 API #10878

Invoice # 13164
API# 05-123-1087
Foreman: ARON CARR
Date 9/9/201

County: WELD
State: Colorado
Sec: 1
Twp: 9N
Range: 58W

Consultant: CHUCK EMERSON
Rig Name & Number: trupoint #15
Distance To Location: 140 MILES
Units On Location: 3101-4029-4022-3206
Time Requested: 8:30AM
Time Arrived On Location: 8:30AM
Time Left Location:

Plug Job

Well Data

OD Inches	2.875	
String Weight Per ft	6.5	
First Plug Sacks	454	
First Plug Depth	530	
Second Plug Sacks	50	
Second Plug Depth	90	
Third Plug Sacks		
Third Plug Depth		
Fourth Plug Sacks		
Fourth Plug Depth		
ID	2.441	
First Plug Displacement	3.0677	bbl
Second Plug Displacement	0.5209	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	92.9860 bbls
Second Plug bbls of Slurry	13.2685 bbls
Third Plug bbls of Slurry	0.0000 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:	BFN TYPE 3 3%CCA
Cement Density (lb/gal) :	15.2
Cement Yield (cuft) :	1.49
Gallons Per Sack:	5.89

Third Plug Cement Data

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

Fourth Plug Cement Data

Cement Name:	
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	54.0476 bbls
Second Plug bbls Mix Wat	7.0119 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.