

Bison Oil Well Cementing

Invoice # 80438
 API# 05-005-06921
 Foreman: Calvin Reimers
 Date 8/28/2015

Customer: Renegade
 Well Name: _____

County: Adams
 State: Colorado
 Sec: 21
 Twp: 5S
 Range: 62W

Consultant: Ed
 Rig Name & Number: Tobys Well Service
 Distance To Location: 70 Miles
 Units On Location: 4023-3104/4033-3214
 Time Requested: 1100am
 Time Arrived On Location: 1110am
 Time Left Location: 215pm

Plug Job

Well Data

OD Inches	3.5	
String Weight Per ft	11	
First Plug Sacks	150	
First Plug Depth	2500	
Second Plug Sacks		
Second Plug Depth		
Third Plug Sacks		
Third Plug Depth		
Fourth Plug Sacks		
Fourth Plug Depth		
ID	#N/A	
First Plug Displacement	#N/A	bbl
Second Plug Displacement	#N/A	bbl
Thirst Plug Displacement	#N/A	bbl
Fourth Plug Displacement	#N/A	bbl
bbls of Spacer Ahead	15	bbls

bbls of Slurry

First Plug bbls of Slurry	30.7223 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:	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) :	
Cement Yield (cuft) :	
Gallons Per Sack:	

Fourth Plug Cement Data

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

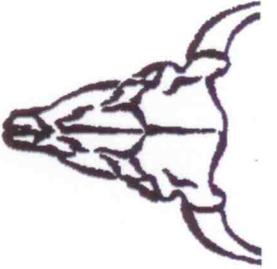
Displacement Fluid lb/gal:	8.3
Fluid Ahead (bbls):	6.0
H2O Wash Up (bbls):	20.0

bbls of Mix Water

First Plug bbls Mix Wate	17.8571 bbls
Second Plug bbls Mix Wat	0.0000 bbls
Third Plug bbls Mix Wate	0.0000 bbls
Fourth Plug bbls Mix Wat	0.0000 bbls



Authorized To Proceed



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

Customer
Well Name

Renegade
UPRR Schroth

INVOICE #
LOCATION
FOREMAN
Date

80438
Adams
Calvin Reimers
8/28/2015

DESCRIPTION OF JOB EVENTS

	Displace 1			Displace 2			Displace 3			Displace 4		
	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI
Safety Meeting	1233pm											
MIRU	1110am	0	101pm	30	0		0			0		
CIRCULATE	1240pm	10	105pm	30	10		10			10		
CIRCULATE		20	109pm	270	20		20			20		
CIRCULATE		30	116pm	420	30		30			30		
CIRCULATE		40	122pm	590	40		40			40		
M & P		50			50		50			50		
First Plug	Time	Sacks			60		60			60		
Second Plug	1250pm	150			70		70			70		
Third Plug		#DIV/0!			80		80			80		
Fourth Plug		#DIV/0!			90		90			90		
Mixed bbls		100			100		100			100		
First Plug		110			110		110			110		
Second Plug	17.85	120			120		120			120		
Third Plug		130			130		130			130		
Fourth Plug		140			140		140			140		
Water Temp	62.1	150			150		150			150		

Notes:

The day
Closed in with 550 psi

X
Work Performed

X
Title

X
Date

SERIES 2000

