

**NEXTier****Job Summary**

Ticket Number

TN#

BCO-2009-0032

Ticket Date

9/17/2020

COUNTY	COMPANY	API Number
WELD (CO)	ENSIGN	512328125
WELL NAME	RIG	JOB TYPE
HIGHPOINTE 100D	Ensign 312	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.41225 104.87728	DANIEL MUNIZ	Matt McGraw
EMPLOYEES		

**WELL PROFILE**

Max Treating Pressure (psi):	Bottom Hole Static Temperature (°F):
Bottom Hole Circulating Temperature (°F):	Well Type:

**Open Hole**

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

**Casing/Tubing/Drill Pipe**

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	8 5/8	24	J-55	0	1325		
production	4 1/2	11.6	p-110	0	7443		

**CEMENT DATA**

**Stage 1:** From Depth (ft): To Depth (ft):  
Type: **Shoe Plugs**  
Volume (sacks): Volume (bbls):  
Cement & Additives: Density (ppg) Yield (ft³/sk) Water Req.

**Stage 2:** From Depth (ft): 1540 To Depth (ft): surface  
Type: **Surface Plug**  
Volume (sacks): 131 Volume (bbls): 27  
Cement & Additives: 100% G NEAT CEMENT Density (ppg) 15.8 Yield (ft³/sk) 1.15 Water Req. 5.00

**Stage 3:** From Depth (ft): To Depth (ft):  
Type: **Top Off**  
Volume (sacks): Volume (bbls):  
Cement & Additives: Density (ppg) Yield (ft³/sk) Water Req.

**Stage 4:** From Depth (ft): To Depth (ft):  
Type:  
Volume (sacks): Volume (bbls):  
Cement & Additives: Density (ppg) Yield (ft³/sk) Water Req.

**SUMMARY**

Preflushes: bbls of	Calculated Displacement (bbl):	Stage 1	Stage 2
bbls of	Actual Displacement (bbl):		
bbls of	Plug Bump (Y/N):	Bump Pressure (psi):	
Total Preflush/Spacer Volume (bbl):	Lost Returns (Y/N):	(if Y, when)	
Total Slurry Volume (bbl):			
Total Fluid Pumped			
Returns to Surface:	bbls		

Job Notes (fluids pumped / procedures / tools / etc.):

Job notes go here!

Customer Representative Signature:

Thank You For Using

NexTier Completion Solutions

## Cement Job Log

NEXTIER									
Customer:	ENSIGN			Date:	17-Sep-20		Serv. Supervisor:	DANIEL MUNIZ	
Cust. Rep.:	Matt McGraw			Ticket #:	BCO-2009-0032		Serv. Center:	Brighton - 3021	
Well Name:	HIGHPOINTE 100D	RTS Date:	17-Sep-2020	API Well #:	512328125		County:	WELD (CO)	State:
Well Type:	Oil	RTS Time:	11:59 AM	Rig:	Ensign 312		Type of Job:	CM-P2A-PERM.	
	Date	Time		Date	Time		Date	Time	
Left Yard:	17-Sep-20	11:00 AM	Left Loc.:	17-Sep-20	2:00 PM	Start Pump:	17-Sep-20	12:25 PM	
Arrived Loc.:	17-Sep-20	11:59 AM	Returned Yd.:	17-Sep-20		End Pump:	17-Sep-20	1:25 PM	
TIME	Rate	Csg. Press.	Tbg. Press.	Ann. Press.	Stg. Vol.	Cum. Vol.	Stage Num.	Stage Details	
	(bbl/min)	(psi)	(psi)	(psi)	(bbl)	(bbl)	Stage #		
11:00 AM								Left Yard or Current Location	
11:59 AM								ARRIVE ON LOCATION	
11:59 AM							1	SHOW UP ON LOCATION	
12:02 PM							1	SPOT IN EQUIPMENT	
12:10 PM							1	RIG UP	
12:15 PM							1	SAFETY MEETING	
12:21 PM		2000					1	PRESSURE TEST 2,000 PSI	
12:25 PM	2	90					1	2 BBL H2O SPACER TO BRAKE CIRCULATION	
12:32 PM	3	200					1	STARTED PUMPING CMT CLASS G NEAT @ 15.8 PPG	
12:40 PM							1	SHUT DOWN 24 BBL TOTAL CEMENT	
12:45 PM							1	TURN OVER TO RIG TO PULL PIPE	
1:15 PM	1	10					1	TOP OUT	
1:22 PM							1	3 BBL TOTAL PUMPED TO TOP OUT TO SURFACE	
1:25 PM							1	SHUT DOWN,	
1:30 PM							1	WASH PUMP & LINES	
2:00 PM							1	RIG DOWN / LEAVE LOCATION	
2:00 PM								LEFT LOCATION	
12:00 AM								ARRIVED BACK AT YARD OR NEXT LOCATION	
Comments/Special Customer Instructions									

## NextTier

[illegible]





Client  
Ticket No. 20090032  
Location  
Comments

ENSIGN  
WELD

Client Rep  
Well Name  
Job Type

MATT MCGRAW  
HIGHPOINTE  
Cement Top Off

Supervisor  
Unit No.  
Service District  
Job Date

DANIEL MUNIZ  
445070  
BRIGHTON CO.  
09/17/2020

### Unit 445070 Rate Total

(bpm)

10.00  
8.00  
6.00  
4.00  
2.00  
0.00

12:10



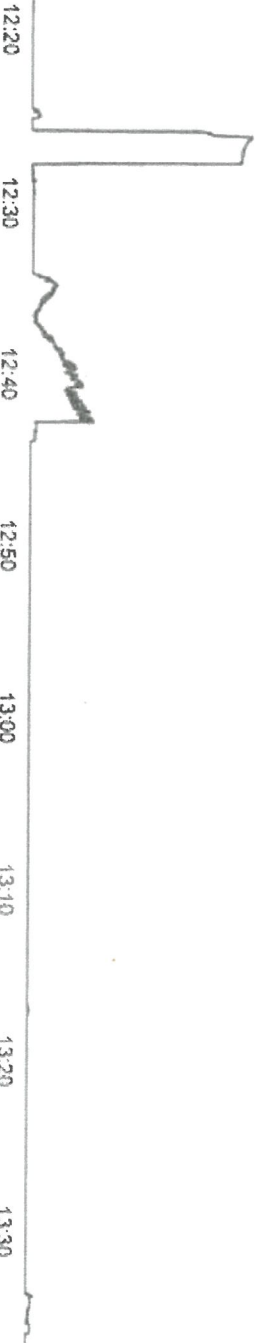
13:40

### Unit 445070 Pump Pressure

(psi)

2500.00  
2000.00  
1500.00  
1000.00  
500.00  
0.00

12:10



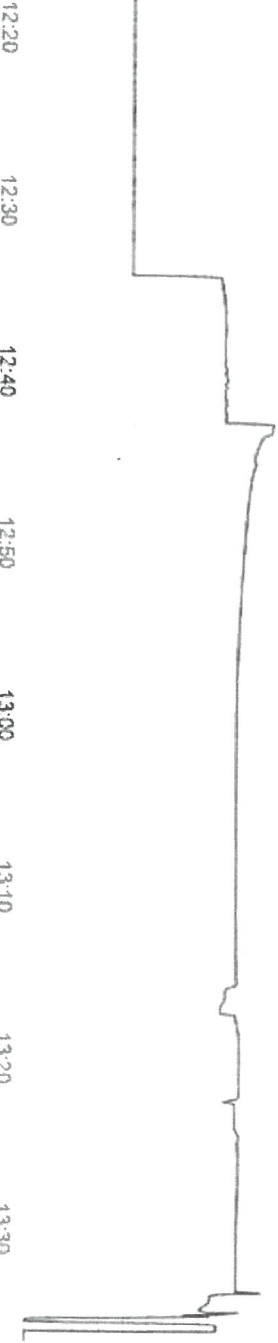
13:40

### Unit 445070 Density

(lb/gal)

22.00  
20.00  
18.00  
16.00  
14.00  
12.00  
10.00  
8.00  
6.00  
4.00  
2.00  
0.00

12:10



13:40

# RMWS - Service Ticket & Invoice:

Rocky Mountain Wireline Service  
2144 Hwy 6 & 50  
Grand Junction, CO 81505  
970-245-9828



**Ticket Number**

**113062**

**Date**

9/17/2020

**Well**

Highpointe 10 OD

**Field**

Wattenberg

**County / State**

Weld / Co

**Services provided for:**

ENSIGN WELL SERVICE  
2154 Hwy 6 & 50  
Grand Junction, Colorado 81505

**Services ordered by:**

Logan Hancock  
(970)712-4498  
Logan.Hancock@ensignenergy.com

## Job Data

**Field Office**

Johnstown- **Line Truck #**  
CO 219

**Crane #**

**Pickup  
Truck #**

**Explosives Permit  
#**

92983

**Crew Members**

Dizmang, Stickley, Tsung

**CSG Size**

4.5

**WT**

11.6

**Zero**

GL/ KB

**Fluid**

Water

**Level**

Surface

**RMWS TD**

6996

**Corrected**

**To Agree  
With**

**Dated**

9/17/2020

**Consultant**

Matthew McGraw

**Job Notes**

Rig 312 USR0037578-2

## Travel

**Report To Shop**

9/17/2020 7:00 AM MDT

**Arrive At Location**

9/17/2020 7:30 AM MDT

**On Well**

9/17/2020 9:05 AM MDT

**Off well**

9/17/2020 11:15 AM MDT

**Depart Location**

11:30 AM MDT

**Return To Shop**

11:45 AM MDT

**Travel Notes**

## Activity

### Miscellaneous - Bid Work

**Description**

Ensign - 4 1/2" 10K CIBP @ 5,000' +  
Ensign - Dump Ball 2 SX Cement (STANDARD)  
Dumped two sacks of cement on plug.  
Ensign - 4 1/2" 10K CIBP @ 5,000' or less  
Ensign - Dump Ball 2 SX Cement (STANDARD)  
Dumped two sacks of cement on plug.

Set CIBP @ 6946'

From	To	Units Used	Rate	Minimum	Amount
6946		1.00 Units			\$0.00
6946		1.00 Units			\$0.00
2850		1.00 Units			\$0.00
2850		1.00 Units			\$0.00

**Miscellaneous - Bid Work \$0.00**

**Total \$0.00**

## Signatures

**Authorization Signature**

John Schmitt  
9/17/2020 11:26 AM MDT

**Authorization Notes**

**AFE**

**Cost Code**

**Well / Lease**  
Highpointe 10 OD

**Approver Name**  
Matthew McGraw

**Stamp**