

NEXTIER**Job Summary**

Ticket Number

TN#

BCO-2008-0028

Ticket Date

8/20/2020

COUNTY	COMPANY	API Number
WELD (CO)	ENSIGN	0512320462
WELL NAME	RIG	JOB TYPE
BOLET 44-17	Ensign 354	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.481 -104.68	Tony Yates	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)
	10	1630	403		
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		403	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2 3/8	4.7		1630	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Casing	4.5	10.5		1630	1580		

CEMENT DATA

Stage 1: Type: Stub plug	From Depth (ft):	1630	To Depth (ft):	1380	
	Volume (sacks):	100	Volume (bbls):	20.4	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% G			15.8	1.15	5.00

Stage 2:	From Depth (ft):	613	To Depth (ft):	8	
Type: Surface Plug	Volume (sacks):	225	Volume (bbls):	46	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% G			15.8	1.15	5.00

Stage 3:	From Depth (ft):	8	To Depth (ft):	0	
	Type: Top off				
	Volume (sacks):	2.5	Volume (bbls):	0.5	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% G			15.8	1.15	5.00

Stage 4:

Type:

From Depth (ft):

To Depth (ft):

Volume (sacks):

Volume (bbls):

Cement & Additives:

Density (ppg)

Yield (ft³/sk)

Water Req.

SUMMARY

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
		Actual Displacement (bbl):	5.3	
Total Preflush/Spacer Volume (bbl):	5	Plug Pump (Y/N):		
Total Slurry Volume (bbl):	66.9	Lost Returns (Y/N):		
Total Fluid Pumped	78.2	(if Y, when)		
Returns to Surface:				

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

See job log for details. Casing cut at 1580'.

Customer Representative Signature:

Thank You For Using
NextTier Completion Solutions

NEXTIER

20-Aug-20
Date

Cement Job Log

NEXTier											
Customer: ENSIGN		Date: 20-Aug-20		Serv. Supervisor: Tony Yates							
Cust. Rep.: Matt McGraw		Ticket #: BCO-2008-0028		Serv. Center: Brighton - 3021							
Well Name: BOLET 44-17		RTS Date: 20-Aug-2020		API Well #: 0512320462							
Well Type: Oil		RTS Time: 9:00 AM		Rig: Ensign 354							
Type of Job: CM-P2A-PERM.		County: WELD (CO)		State: COLORADO							
Left Yard:	20-Aug-20	8:00 AM	Left Loc.:	20-Aug-20	1:00 PM						
Arrived Loc.:	20-Aug-20	9:00 AM	Returned Yd.:	20-Aug-20	2:00 PM						
Start Pump:	20-Aug-20	10:18 AM	End Pump:	20-Aug-20	11:45 AM						

TIME	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press. (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum. Vol. (bbl)	Stage Num.	Stage Details
8:00 AM								Left Yard or Current Location
9:00 AM								ARRIVE ON LOCATION
9:00 AM							1	ARRIVE ON LOCATION
9:05 AM							1	SPOT EQUIPMENT
9:35 AM							1	RIG UP IRON AND HOSES
10:10 AM							1	PRE JOB SAFETY MEETING
10:18 AM	.4		40		1.0 bbl	1.0 bbl	1	FILL LINES
10:19 AM			2400				1	PRESSURE TEST IRON
10:22 AM							1	BATCH CEMENT
10:26 AM	1.5		60		1.0 bbl	2.0 bbl	1	1 BBL WATER
10:28 AM	2		100		20.4 bbl	22.4 bbl	1	20.4 BBLS CEMENT AT 15.8 PG
10:35 AM	2		50		5.3 bbl	27.7 bbl	1	5.3 BBLS WATER DISPLACEMENT
10:37 AM							1	SHUT DOWN
10:40 AM							1	RIG PULLS TO 613'
10:58 AM	1.5	60			4.0 bbl	31.7 bbl	1	4 BBLS WATER
11:00 AM	2	90			46.0 bbl	77.7 bbl	1	46 BBLS CEMENT AT 15.8 PPG
11:22 AM							1	SHUT DOWN
11:45 AM	.4	10			0.5 bbl	78.2 bbl	1	TOP OFF WELL
12:00 PM							1	WASH PUMP
12:25 PM							1	RIG OUT
1:00 PM							1	LEAVE LOCATION

RMWS - Service Ticket & Invoice:

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



Ticket Number
112242

Date
8/19/2020
Well
Bolet 44-17
Field
Wattenberg
County / State
Weld / Colorado

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-
CO

Line Truck #
222

Crane #

Pickup
Truck #
71

Explosives Permit
#

Crew Members

G. Graham, N. Hauptman, N. Wells

CSG Size
4.5
WT
10.5

Zero	Fluid	Level	RMWS TD	Corrected	To Agree With	Dated	Consultant
GL W/KB	Water	Surface	7150				Matt McGraw

Job Notes

Travel

Report To Shop	Arrive At Location	On Well	Off well
8/19/2020 11:15 AM MDT	8/19/2020 1:30 PM MDT		
Depart Location	Return To Shop	Travel Notes	

Activity

Logging - Bid Work

Description	From	To	Units Used	Rate	Minimum	Amount
Ensign - CBL from 2,000' or less	1620	0				\$0.00

Miscellaneous - Bid Work

Description	From	To	Units Used	Rate	Minimum	Amount
Ensign - 4 1/2" 10K CIBP @ 5,000' +		7126	1.00 Units			\$0.00
Ensign - Dump Bail 2 SX Cement (HIGH TEMP)		7124	1.00 Units			\$0.00
Ensign - 4 1/2" 10K CIBP @ 5,000' +		6773	1.00 Units			\$0.00
Ensign - Dump Bail 2 SX Cement (STANDARD)		6771	1.00 Units			\$0.00
Ensign - 4 1/2" 10K CIBP @ 5,000' or less		2600	1.00 Units			\$0.00
Ensign - Dump Bail 2 SX Cement (STANDARD)		2598	1.00 Units			\$0.00

Pipe Recovery - Bid Work

Description	From	To	Units Used	Rate	Minimum	Amount
Ensign - 4 1/2" Jet Cutter		1580				\$0.00

Logging - Bid Work \$0.00
Miscellaneous - Bid Work \$0.00
Pipe Recovery - Bid Work \$0.00
Total \$0.00

Signatures