

FORM
5A

Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
----	----	----	----

Document Number:

2508788

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 100185

4. Contact Name: SHEILA REED-HIGH

2. Name of Operator: ENCANA OIL & GAS (USA) INC

Phone: (720) 876-3678

3. Address: 370 17TH ST STE 1700

Fax: (720) 876-4678

City: DENVER State: CO Zip: 80202-

5. API Number 05-123-33249-00

6. County: WELD

7. Well Name: HERREN

Well Number: 1A-33H

8. Location: QtrQtr: NENE Section: 33 Township: 3N

Range: 67W Meridian: 6

9. Field Name: WATTENBERG

Field Code: 90750

Completed Interval

FORMATION: NIOBRARA

Status: PRODUCING

Treatment Date: 07/15/2011

Date of First Production this formation:

Perforations Top: 7608 Bottom: 11429 No. Holes: 102 Hole size: 2 + 1/2

Provide a brief summary of the formation treatment:

Open Hole: ☐

STAGE 1. PUMPED 32000# 40/70 SAND AND 289000# 30/50 SAND. AVE PRESSURE 6949, AVE RATE 5.4 TLTR 5182 BBLS
CHEMICAL TRACED STAGE 1.
STAGE 2. PUMPED 32000# 40/70 SAND AND 286200# 30/50 SAND. AVE PRESSURE 6965, AVE RATE 51.1 TLTR 5299 BBLS
CHEMICAL TRACED STAGE 2.
STAGE 3. PUMPED 30000# 40/70 SAND AND 285300# 30/50 SAND. AVE PRESSURE 6151, AVE RATE 51.2 TLTR 5035 BBLS
STAGE 4. PUMPED 30000# 40/70 SAND AND 290000# 30/50 SAND. AVE PRESSURE 6096, AVE RATE 51.6 TLTR 5067 BBLS
STAGE 5. PUMPED 30000# 40/70 SAND AND 285000# 30/50 SAND. AVE PRESSURE 5790 PSI, AVE RATE 50.1 TLTR 4849
BBLS
STAGE 6. PUMPED 33800# 40/70 SAND AND 285530# 30/50 SAND. AVE PRESSURE 5894, AVE RATE 51.4 BPM. TLTR 5029
BBLS
STAGE 7. PUMPED 31400# 40/70 SAND AND 284000# 30/50 SAND. AVE PRESSURE 5583 PSI, AVE RATE 51.3 TLTR 4866
BBLS
STAGE 8. PUMPED 29998# 40/70 SAND AND 284518# 30/50 SAND. PAVG 5457 PSI, QAVG 52.1 BPM, TLTR 4786 BBLS
STAGE 9. PUMPED 29943# 40/70 SAND AND 283645# 30/50 SAND. PAVG 5697 PSI, QAVG 53.1 BPM, TLTR 4850 BBLS
STAGE 10. PUMPED 30011# 40/70 SAND AND 282800# 30/50 SAND. AVE PRESSURE 5334 PSI, AVE RATE 51.6 TLTR 4838
BBLS
STAGE 11. PUMPED 30095# 40/70 SAND AND 283811# 30/50 SAND. PAVG 5433 PSI, QAVG 53.6 BPM. TLTR 4847 BBLS
STAGE 12. PUMPED 29992# 40/70 SAND AND 284465# 30/50 SAND. PAVG 5319 PSI, QAVG 51.9 BPM. TLTR 4854 BBLS
STAGE 13. PUMPED 25241# 40/70 SAND AND 285009# 30/50 SAND. PAVG 5337 PSI, QAVG 51.6 BPM. TLTR 4837 BBLS
STAGE 14. PUMPED 30006# 40/70 SAND AND 284501# 30/50 SAND. PAVG 5266 PSI, QAVG 51.2 BPM. TLTR 5096 BBLS
STAGE 15. PUMPED 30038# 40/70 SAND AND 283117# 30/50 SAND. PAVG 5071 PSI, QAVG 51.4 BPM. TLTR 4857 BBLS
STAGE 16. PUMPED 28032# 40/70 SAND AND 286432# 30/50 SAND. PAVG 5133 PSI, QAVG 51.4 BPM. TLTR 4762 BBLS
STAGE 17. PUMPED 20015# 40/70 SAND AND 179448# 30/50 SAND. PAVG 5202 PSI, QAVG 51.7 BPM. TLTR 4271 BBLS

This formation is commingled with another formation: ☐ Yes ☒ No**Test Information:**

Date: 08/16/2011 Hours: 24 Bbls oil: 133 Mcf Gas: 1511 Bbls H2O: 104
Calculated 24 hour rate: Bbls oil: 133 Mcf Gas: 1511 Bbls H2O: 104 GOR: 11361
Test Method: FLOWING Casing PSI: Tubing PSI: 818 Choke Size:
Gas Disposition: SOLD Gas Type: DRY BTU Gas: 1463 API Gravity Oil: 53
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6961 Tbg setting date: 08/19/2011 Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

Bridge Plug Depth: Sacks cement on top:

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: SHEILA D REED-HIGH

Title: OPERATION TECHNOLOGIST Date: 11/9/2011 Email: SHEILA.REEDHIGH@ENCANA.COM

Attachment Check List

Att Doc Num	Name
2508788	FORM 5A SUBMITTED
2508789	WELLBORE DIAGRAM
2508790	CEMENT BOND LOG

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)