

STATE OF COLORADO  
GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES

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MAR 13 1996

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. OPERATOR

North American Resources Company

PHONE

(303) 659-7740

ADDRESS

16157 Weld County Road 22 Ft. Lupton, CO 80621

2. DRILLING CONTRACTOR

Ashby Drilling

PHONE

(303) 830-7422

3. LOCATION OF WELL (Footages from section lines)

At surface

1880' FSL and 1947' FWL

At top prod. interval reported below

same as above

At total depth

same as above

WAS DIRECTIONAL SURVEY RUN?

NO ☒YES ☐

ATTACH COPY

12. PERMIT NO.

95-917

13. API NO.

05-001-19335

9335

14. SPUD DATE

3/1/96

15. DATE TD REACHED

3/8/96

16. DATE COMPL.

3/9/96

☒ D&A

READY TO PRODUCE

17. COUNTY

ADAMS

18. STATE

C O.

19. TOTAL DEPTH

MD

8200' KB

TVD

20. PLUG BACK TOTAL DEPTH

M

KB

TVD

21. DEPTH BRIDGE PLUG SET

MD

TVD

22. TYPE ELECTRIC &amp; OTHER MECHANICAL LOGS RUN

(SUBMIT COPY OF EACH)

DIL-GR, LDT-CNL-GR, ML-GR

23. WAS WELL CORED?

☒ NO

YES (Submit Analysis)

WAS DST RUN?

☒ NO

YES (Submit Analysis)

24. CASING &amp; LINER RECORD (Report all strings set in well)

| SIZE   | WEIGHT (LB/FT) | HOLE SIZE | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | NO. OF SACKS & TYPE OF CEMENT | SLURRY VOL. (BBL) | TOP OF CEMENT (Specify calc. or CBL) |
|--------|----------------|-----------|----------|-------------|----------------------|-------------------------------|-------------------|--------------------------------------|
| 8-5/8" | 24#            | 12-1/4"   | surface  | 504'        |                      | 300sxs NEAT                   |                   | surf CALC                            |
|        |                |           |          |             |                      |                               |                   |                                      |
|        |                |           |          |             |                      |                               |                   |                                      |
|        |                |           |          |             |                      |                               |                   |                                      |
|        |                |           |          |             |                      |                               |                   |                                      |
|        |                |           |          |             |                      |                               |                   |                                      |
|        |                |           |          |             |                      |                               |                   |                                      |
|        |                |           |          |             |                      |                               |                   |                                      |
|        |                |           |          |             |                      |                               |                   |                                      |

25. TUBING RECORD - Please Specify # of Strings:

| SIZE | DEPTH SET | PACKER DEPTH (MD) | SIZE | DEPTH SET(MD) | PACKER DEPTH (MD) | SIZE | DEPTH SET (MD) | PACKER DEPTH (MD) |
|------|-----------|-------------------|------|---------------|-------------------|------|----------------|-------------------|
|      |           |                   |      |               |                   |      |                |                   |

26. PRODUCING INTERVALS

27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE/COMMINGLED PRODUCTION (RULE 322)

| FORMATION | TOP | BOTTOM | GROSS PERFORATED INTERVAL | SIZE | NO. HOLES | PERF STATUS (open, squeezed) |
|-----------|-----|--------|---------------------------|------|-----------|------------------------------|
| A)        |     |        | -                         |      |           |                              |
| B)        |     |        | -                         |      |           |                              |
| C)        |     |        | -                         |      |           |                              |
| D)        |     |        |                           |      |           |                              |

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|----------------|-----------------------------|
|                |                             |
|                |                             |
|                |                             |
|                |                             |
|                |                             |
|                |                             |
|                |                             |
|                |                             |
|                |                             |

29. PRODUCTION - INTERVAL

| DATE FIRST PRODUCED | TEST DATE           | HOURS TESTED    | TEST PRODUCTION | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION                                  | PRODUCTION METHOD |
|---------------------|---------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|--|-------------------|
|                     |                     |                 | -->             |         |         |           |                       |  |                   |
| CHOKE SIZE          | FLOW. TBG. PRESSURE | CASING PRESSURE | 24 HR. RATE     | OIL BBL | GAS MCF | WATER BBL | GAS:OIL RATIO         | ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.) |                   |
| -                   | -                   | -               | -->             |         |         |           |                       |  |                   |

PRODUCTION - INTERVAL

| DATE FIRST PRODUCED | TEST DATE           | HOURS TESTED    | TEST PRODUCTION | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION                                  | PRODUCTION METHOD |
|---------------------|---------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|--|-------------------|
|                     |                     |                 | -->             |         |         |           |                       |  |                   |
| CHOKE SIZE          | FLOW. TBG. PRESSURE | CASING PRESSURE | 24 HR. RATE     | OIL BBL | GAS MCF | WATER BBL | GAS:OIL RATIO         | ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.) |                   |
| -                   | -                   | -               | -->             |         |         |           |                       |  |                   |



### PRODUCTION - INTERVAL C

| DATE FIRST PRODUCED | TEST DATE             | HOURS TESTED    | TEST PRODUCTION | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION                                  | PRODUCTION METHOD |
|---------------------|-----------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|--|-------------------|
| CHOKE SIZE          | FLOW. TUBING PRESSURE | CASING PRESSURE | 24 HR. RATE     | OIL BBL | GAS MCF | WATER BBL | GAS:OIL RATIO         | ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.) |                   |

### PRODUCTION - INTERVAL D

| DATE FIRST PRODUCED | TEST DATE             | HOURS TESTED    | TEST PRODUCTION | OIL BBL | GAS MCF | WATER BBL | OIL GRAVITY CORR. API | GAS DISPOSITION                                  | PRODUCTION METHOD |
|---------------------|-----------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|--|-------------------|
| CHOKE SIZE          | FLOW. TUBING PRESSURE | CASING PRESSURE | 24 HR. RATE     | OIL BBL | GAS MCF | WATER BBL | GAS:OIL RATIO         | ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.) |                   |

30. PLEASE ATTACH AN 8.5" X 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION, FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

### 31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS AND ALL DRILLSTEM TESTS, INCLUDING DEPTH INTERVAL TEST, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES AND RECOVERIES.

### 32. FORMATION (LOG) MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION | NAME      | TOP MEAS DEPTH |
|-----------|-----|--------|-------------|-----------|----------------|
|           |     |        |             | Fox Hills | 1425           |
|           |     |        |             | Niobrara  | 7249           |
|           |     |        |             | Ft. Hayes | 7592           |
|           |     |        |             | Codell    | 7620           |
|           |     |        |             | "D" Sand  | 8000           |
|           |     |        |             | "J" Sand  | 8055           |

### 33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

**Per Ed Binkley's (with the OGCC) approval plugs were set as follows:**

40 sxs @ 8033-7933      40 sxs @ 534-434  
 40 sxs @ 1650-1550      Cut off casing 4' below GR  
 40 sxs @ 1216-1116      10 sxs cmt @ surface  
 40 sxs @ 875-775      Weld on plate

### 34. CIRCLE ENCLOSED ATTACHMENTS:

- |                                 |                              |   |
|---------------------------------|------------------------------|---|
| 1. MECHANICAL LOGS (1 full set) | 3. WELLBORE SKETCH (See #27) | 6. SUNDRY NOTICE FOR PLUGGING & CEMENT VERIFICATION |
| 2. GEOLOGIC REPORT              | 4. DST REPORT                | 7. CORE ANALYSIS                                    |
|                                 | 5. DIRECTIONAL SURVEY        | 8. OTHER:   |

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: *Jeff Reale*

PRINT NAME: **Jeff Reale**

TITLE: **Dist. Operations Supt.**

DATE: **3/13/96**