

OIL AND GAS CONSERVATION COMMISSION

DEPARTMENT OF NATURAL RESOURCES

File one copy for Patented, Federal and Indian lands.  
File in duplicate for State lands.



00085945

RECEIVED  
MAR 28 1986

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|  |  |   |
|--|--|---|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____   |  | 3. LEASE DESIGNATION AND SERIAL NO.<br>MAR 28 1986                  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                |
| 2. NAME OF OPERATOR<br>Argentia Corp & Gear Drilling Company   |  | 7. UNDER AGREEMENT NAME   |
| 3. ADDRESS OF OPERATOR<br>470 Denver Club Bldg., Denver, Colorado 80202  |  | 8. FARM OR LEASE NAME<br>Lohf-State                                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 660' FNL & 1320' FWL of NW/4<br>At top prod. interval reported below<br>At total depth same as above       |  | 9. WELL NO.<br>1  |
| NAME OF DRILLING CONTRACTOR<br>GEAR DRILLING COMPANY   |  | 10. FIELD AND POOL, OR WILDCAT<br>wildcat                           |
|  |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 20-2N-57W |

|  |                                  |  |  |
|--|----------------------------------|--|--|
| 14. PERMIT NO.<br>86-17  | DATE ISSUED<br>1/8/86            | 12. COUNTY<br>Morgan   | 13. STATE<br>Colorado                              |
| 15. DATE SPUDDED<br>1/14/86  | 16. DATE T.D. REACHED<br>1/17/86 | 17. DATE COMPL. (Ready to prod.) or (Plug & Abd.)<br>1/18/86 | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)<br>4397' GR |
| 19. ELEV. CASINGHEAD   |                                  |  |  |
| 20. TOTAL DEPTH, MD & TVD<br>5600 TD   | 21. PLUG, BACK T.D., MD & TVD    | 22. IF MULTIPLE COMPL., HOW MANY                             | 23. INTERVALS DRILLED BY<br>surface to TD          |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)<br>Dry Hole |                                  |  | 25. WAS DIRECTIONAL SURVEY MADE<br>NO              |

|   |  |
|---|--|
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>IL & CDL logs | 27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis)<br>DRILL STEM TEST YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (See reverse side) |
|---|--|

| 28. CASING RECORD (Report all strings set in well) |                 |                |           |                       |               |
|--|-----------------|----------------|-----------|-----------------------|---------------|
| CASING SIZE  | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD      | AMOUNT FILLED |
| 8-5/8"   | 24.00           | 128' KB        | 12-1/4"   | 75 sax reg. & 4% cac1 | none          |
|  |                 |                |           |                       |               |
|  |                 |                |           |                       |               |

| 29. LINER RECORD |          |             |              |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|--------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
| NONE             |          |             |              |             | NONE              |                |                 |

| 31. PERFORATION RECORD (Interval, size and number) |      | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|--|------|--|----------------------------------|
| INTERVAL   | SIZE | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| Dry Hole   |      | NONE   |                                  |
|  |      |  |                                  |
|  |      |  |                                  |

| 33. PRODUCTION                    |                 |  |                        |          |           |                                    |               |
|-----------------------------------|-----------------|--|------------------------|----------|-----------|------------------------------------|---------------|
| DATE FIRST PRODUCTION<br>Dry Hole |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                        |          |           | WELL STATUS (Producing or shut-in) |               |
| DATE OF TEST                      | HOURS TESTED    | CHOKER SIZE  | PROD'N FOR TEST PERIOD | OIL—BEL  | GAS—MCF.  | WATER—BEL                          | GAS-OIL RATIO |
|                                   |                 |  |                        |          |           |                                    |               |
| FLOW, TUBING PRESS.               | CASING PRESSURE | CALCULATED 24-HOUR RATE  | OIL—BEL                | GAS—MCF. | WATER—BEL | OIL GRAVITY-API (CORR.)            |               |
|                                   |                 |  |                        |          |           |                                    |               |

|  |                   |
|--|-------------------|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | TEST WITNESSED BY |
|--|-------------------|

|                         |
|-------------------------|
| 35. LIST OF ATTACHMENTS |
|-------------------------|

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

SIGNED George L. Gear TITLE President DATE 3/26/86



## 37. SUMMARY OF POROUS ZONES:

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

| FORMATION | TOP         | BOTTOM   | DESCRIPTION, CONTENTS, ETC.   |
|-----------|-------------|----------|---|
| 'D' Sand  | 5454' (top) |          | med. grey, fine grained, glauconitic and carbonaceous, visible open pore throats some clusters, no-fair porosity and permeability, oil stain and yellow-green fluorescence, moderately milky green streaming out for approximately 1 minute, orange fluorescent cut ring. |
| 'J' Sand  | 5528'       | 5600' TD | Sandstone, white, fine grained, poor - fair porosity and permeability, clay filling, glauconitic. Oil stain and green fluorescence on 20% of clusters. Moderate streaming cut from clusters with fluorescence, light green fluorescent cut ring.                          |
|           |             |          | Drill Stem Test No.1 (5460' to 5474')<br>recovered: 20' slightly oil and water cut mud. and 120' water with specks of oil.  |
|           |             |          | FP 53-71#<br>FSIP 910#<br>IH 2897#<br>FH 2738#  |

38.

## GEOLOGIC MARKERS

| NAME              | TOP              |                  |
|-------------------|------------------|------------------|
|                   | MEAS. DEPTH      | TRUE VERT. DEPTH |
| Electric log tops |                  |                  |
| Niobrara          | 4698'            |                  |
| Fort Hays         | 5017'            |                  |
| Carlile           | 5064'            |                  |
| X Bentonite       | 5362'            |                  |
| 'D' Sand          | 5454'            |                  |
| 'J' Sand          | 5528'            |                  |
| Total Depth       | 5600' (drillers) |                  |