

OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
OF THE STATE OF COLORADO



RECEIVED

JAN 8 1971

File in triplicate for Patented and Federal lands.
File in quadruplicate for State lands.

5. LEASE DESIGNATION AND SERIAL NO.
COLO. OIL & GAS CONS. COMM.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Mathewson

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat TOMAHAWK

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
C NESW Sec. 11 9N 55W

12. COUNTY
Logan

13. STATE
Colorado

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Chapparral Drilling Company, - Allison Drilling Company, Inc.

3. ADDRESS OF OPERATOR
1275 Sherman Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface

At top prod. interval reported below **1980' FWL**
1980' FSL

At total depth

14. PERMIT NO. **70-670** DATE ISSUED **11-30-70**

15. DATE SPURRED **12-5-70** 16. DATE T.D. REACHED **12-9-70** 17. DATE COMPL. (Ready to prod.) **12-10-70** (Plug & Abd.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.) **4439' Gr** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5575** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY **Rotary** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES GR Sonic

27. WAS WELL CORED YES NO (Submit analysis)
DRILL STEM TEST YES NO (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 PULLED |
|-------------|-----------------|----------------|-----------|------------------|---|
| 8 5/8" | 24# | 152' | 12 1/4" | 120 sax | DVR ✓ FJP ✓ HHM ✓ JAM ✓ LJD ✓ |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) |
|------|----------|-------------|--------------|-------------|
| | | | | |

30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| | |
| | |
| | |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) | | | | | |
|-----------------------|--|------------------------------------|-------------------------|----------|------------|-------------------------|---------------|
| | | | | | | | |
| DATE OF TEST | HOURS TESTED | CHOKES SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| | | | | | | | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | 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 Guy W. Tucker TITLE Agent DATE 1-8-71

See Spaces for Additional Data on Reverse Side

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. |
|-----------|-----|--------|--|
| | | | <p>Drilled to TD, Logged, Ran DST #1</p> <p>From 5516' to 5568' Open 5 min. SI 30 min Open 1 hr SI ½ hr. recovered 125' fluid 35' heavy mud 90' muddy water. IH 3147 FH 2839 IF 34 FF 87 ISI 1004 FSI 932</p> <p>P & A</p> <p>15 sax Bottom of Surface Pipe 10 sax Top of Surface Pipe</p> |

38. GEOLOGIC MARKERS

| NAME | TOP | |
|-----------|-------------|-------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| Niobrara | 4574 | |
| Greenhorn | 5138 | |
| Bentonite | 5298 | |
| "D" | 5398 | |
| "J" | 5509 | |
| TD | 5575 | |
| TD | 5568 | |
| | | Driller Logger |