

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

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

RECEIVED

JAN 26 1971

COLO. OIL & GAS CONS. COMM.

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Fassler

9. WELL NO.

1-21

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 21, T2N, R53W

12. COUNTY

Washington

13. STATE

Colorado

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL ☐ GAS ☐ DRY ☒ Other

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

2. NAME OF OPERATOR

Patrick A. Doheny

3. ADDRESS OF OPERATOR

136 El Camino, Beverly Hills, California 90212

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

At surface 1830' from south line and 660' from east line

At top prod. interval reported below

At total depth

Approximately the same.

14. PERMIT NO.

70-737

DATE ISSUED

12-17-70

15. DATE SPUDDED

1-4-71

16. DATE T.D. REACHED

1-12-71

17. DATE COMPL. (Ready to prod.)

1-12-71

(Plug & Abd.)

18. ELEVATIONS (DF, REB, RT, GE, ETC.)

Gr. 4655' KB 4661'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5037'

21. PLUG, BACK T.D., MD & TVD

Surface

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction-Electrolog

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# | 162' | 12 1/4" | 100 sacks | None |
| | | | | | |
| | | | | | |
| | | | | | |

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 |
|---------------------|----------------------------------|
| | DVR |
| | FJP |
| | HHM |
| | JJD |

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 | CHOKE 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

Induction-Electrolog

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

SIGNED

G. W. Reed

TITLE

Agent

DATE

1-22-71

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. |
|-----------------|------|--------|---|
| <u>"D" Sand</u> | 4832 | 4842 | Sand, gray, shaly and dirty, very fine, silty. Low porosity and permeability, contains water, no fluorescence or oil shows. |
| | 4845 | 4860 | Sand, very fine grained, dirty and shaly, low p&p, no shows. |
| | 4860 | 4872 | Sand, white, fine to medium grained, fair porosity and permeability, no shows. |
| <u>"J" Sand</u> | 4906 | 4914 | Sand, very fine grained, shaly and dirty, very low p&p, many fine shale laminae, no shows. |
| | 4914 | 4926 | Sand, fine to medium grained, friable, some slight clay fill, poor to fair porosity, water wet, no shows. |
| | 4940 | 4950 | Sand, quartzitic, very hard, glossy, very low p&p, no shows. |
| | 4950 | 4992 | Sand, mostly fine grained, top 10' has clay filling, poor p&p, water wet. Lower part of sand is fine to medium grained, contains black shale specules and glauconite, no shows. |
| | 5010 | 5037 | Sand, white, medium grained, slight clay fill, friable, water wet. |

38.

GEOLOGIC MARKERS

| NAME | TOP | |
|------------------|------------------|------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| <u>Formation</u> | <u>Log Depth</u> | <u>Datum</u> |
| Niobrara | 3954 | + 707 |
| Fort Hays | 4354 | + 307 |
| Carlile | 4410 | + 251 |
| Greenhorn | 4514 | + 147 |
| Bentonite | 4739 | - 78 |
| "D" Sand | 4832 | - 171 |
| "J" Sand | 4906 | - 245 |
| Total Depth | 5037 | |