

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.  
LC 062376

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. MINOR OR LEASE NAME

Yates Federal

9. WELL NO.

10. FIELD AND PROD. OR WILDCAT

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

Section 30  
T 19 S, R 30 E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

## 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

H.L. Brown, Jr.

3. ADDRESS OF OPERATOR

309 Midland Tower, Midland, Texas 79701

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

At surface 1980' FSL &amp; 1980' FEL, Sect 30, T 19 S, R 30 E

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

8-7-70

15. DATE SPUDDED

8-15-70

16. DATE T.D. REACHED

10-2-70

17. DATE COMPL. (Ready to prod.)

10-11-70

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3333 KB

19. ELEV. CASINGHEAD

3321'

20. TOTAL DEPTH, MD &amp; TVD

12,115'

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

12,029'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - TD

CABLE TOOLS

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

11,874' - 11,977' (Morrow)

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sonic Gamma Ray, Dual Induction Laterolog, Microlog

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD   | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--------------------|---------------|
| 11-3/4"     | 42#             | 440'           | 15"       | 400 sxs Circulated | None          |
| 8-5/8"      | 32 & 24#        | 3740'          | 11"       | 1250 sxs           | None          |
| 4-1/2"      | 13.5 & 11.6     | 12,115'        | 7-5/8"    | 500 sxs            | None          |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| None |          |             |               |             | 2-3/8" | 11,745'        | 11,745'         |

31. PERFORATION RECORD (Interval, size and number)

11,874' - 80', 11,940' - 46', 11,970' - 77',  
2 jet shots per foot

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
|                     | None                             |
|                     |                                  |
|                     |                                  |
|                     |                                  |

33.\*

PRODUCTION

DATE FIRST PRODUCTION

10-11-70

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut-In

DATE OF TEST

10-16-70

HOURS TESTED

4-1/2

CHOKE SIZE

14/64"

PROD'N. FOR TEST PERIOD

→

OIL—BBL.

15.84

GAS—MCF.

407

WATER—BBL.

0

GAS-OIL RATIO

25,680

FLOW, TUBING PRESS.

2297

CASING PRESSURE

Packer

CALCULATED 24-HOUR RATE

→

OIL—BBL.

84.5

GAS—MCF.

2170

WATER—BBL.

0

OIL GRAVITY-API (CORR.)

55.3

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut In

TEST WITNESSED BY

Harold Dumas

35. LIST OF ATTACHMENTS

Logs &amp; 4 point test

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

SIGNED B. D. Baker

TITLE Petroleum Engineer

DATE November 9, 1970

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

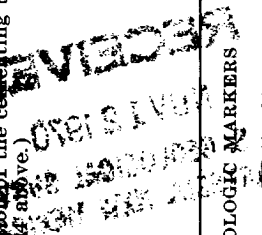
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)



| 37. SUMMARY OF POROUS ZONES:<br>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 |             | 38. GEOLOGIC MARKERS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|-----|------------------|---------|-----|--|--|--------|------|--|--|---------|------|--|--|----------|------|--|--|-------------|------|--|--|---------------|------|--|--|--------|--------|--|--|--------|--------|--|--|---------|--------|--|--|
| FORMATION                                                                                                                                                                                                                                          | TOP         | BOTTOM               | DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
|                                                                                                                                                                                                                                                    |             |                      | <p><b>DST #1</b> 10,685' - 10,700'. T/O 1hr 20 mins<br/> GTS 6mins-7000MCFPD, 1 1/2 hr ISI 4501, FP 1041-2600#, 3hr FSI-4112. R/O 20 bbls condensate<br/> <b>DST #2</b> 10,800' - 10,850'. T/O 1hr, 20mins<br/> Rec. 240' gas &amp; 80' GCM. 1 1/2 hr ISI 856, FP 69-92, 2 hr FSI 972.<br/> <b>DST #3</b> 11,500' - 11,600'. T/O 1hr 20 mins<br/> Rec. 180' mud, 1 hr ISI 1867k FP 694-740;<br/> 3 hr 50 min FSI 1821.<br/> <b>DST #4</b> 11,599' - 11,700'. T/O 1hr 20 mins<br/> Rec 120' mud. 1 hr ISI 856, FP 671, 2 hr FSI 764.<br/> <b>DST #5</b> 11,810' - 11,987'. T/O 3 hrs<br/> 45 mins. GTS 20 mins, 9.5 MMCFPD, 1 1/2 hr ISI, FP 1281-2196, 2 1/2 hr FSI 4934.</p>                                                                 |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
|                                                                                                                                                                                                                                                    |             |                      | <table border="1"> <thead> <tr> <th>NAME</th> <th>MEAS. DEPTH</th> <th>TOP</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Rustler</td> <td>373</td> <td></td> <td></td> </tr> <tr> <td>Tansil</td> <td>1370</td> <td></td> <td></td> </tr> <tr> <td>Capitan</td> <td>1920</td> <td></td> <td></td> </tr> <tr> <td>Delaware</td> <td>3672</td> <td></td> <td></td> </tr> <tr> <td>Bone Spring</td> <td>6160</td> <td></td> <td></td> </tr> <tr> <td>Wolfcamp Lime</td> <td>9680</td> <td></td> <td></td> </tr> <tr> <td>Strawn</td> <td>10,690</td> <td></td> <td></td> </tr> <tr> <td>Morrow</td> <td>11,273</td> <td></td> <td></td> </tr> <tr> <td>Barnett</td> <td>12,076</td> <td></td> <td></td> </tr> </tbody> </table> | NAME | MEAS. DEPTH | TOP | TRUE VERT. DEPTH | Rustler | 373 |  |  | Tansil | 1370 |  |  | Capitan | 1920 |  |  | Delaware | 3672 |  |  | Bone Spring | 6160 |  |  | Wolfcamp Lime | 9680 |  |  | Strawn | 10,690 |  |  | Morrow | 11,273 |  |  | Barnett | 12,076 |  |  |
| NAME                                                                                                                                                                                                                                               | MEAS. DEPTH | TOP                  | TRUE VERT. DEPTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Rustler                                                                                                                                                                                                                                            | 373         |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Tansil                                                                                                                                                                                                                                             | 1370        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Capitan                                                                                                                                                                                                                                            | 1920        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Delaware                                                                                                                                                                                                                                           | 3672        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Bone Spring                                                                                                                                                                                                                                        | 6160        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Wolfcamp Lime                                                                                                                                                                                                                                      | 9680        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Strawn                                                                                                                                                                                                                                             | 10,690      |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Morrow                                                                                                                                                                                                                                             | 11,273      |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |
| Barnett                                                                                                                                                                                                                                            | 12,076      |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |             |     |                  |         |     |  |  |        |      |  |  |         |      |  |  |          |      |  |  |             |      |  |  |               |      |  |  |        |        |  |  |        |        |  |  |         |        |  |  |