

OCC COPY

Form 9-330  
(Rev. 5-63)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)Form approved,  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM0558973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lillie Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 20, T 14S, R 28E

12. COUNTY OR  
PARISH

Chaves

13. STATE

NM

1a. TYPE OF WELL:

OIL  
WELL ☐GAS  
WELL ☐DRY ☒

b. TYPE OF COMPLETION:

NEW  
WELL ☐WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☒DIFF.  
RESVR. ☐

Other

2. NAME OF OPERATOR

C. E. LaRue and B. N. Muncy Jr. ✓

3. ADDRESS OF OPERATOR

P O Box 196 Artesia, NM 88210

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

At surface

1980 FSL and 1980 FWL Section 20, T 14S, R 28 E

At top prod. interval reported below

At total depth

RECEIVED

14. PERMIT NO.

DATE ISSUED

MAR 21 1978

15. DATE SPUDDED

2/8/78

16. DATE T.D. REACHED

3/12/78

17. DATE COMPL. (Ready to prod.)

MAR 21 1978

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

3534.5 GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

8737'

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

2980' 2423'

22. IF MULTIPLE COMPL.,

ARTESIA, OFF OF MANY\*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

~~No producing interval below San Andres - San Andres to be tested at later date~~25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density Neutron Dual Lateralog Microlaterolog

27. WAS WELL CORED

No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 12 3/4"     | 37#             | 243'           | 15"       | 315 Sacks        | Circulated    |
| 8 5/8"      | 24#             | 166'           | 11"       | 675 Sacks        | Circulated    |
| 4 1/2"      |                 | 2423           | 7 7/8"    | 200              |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | 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) |               |
| None                  |                 |                                                                      |                         |          |            | Plugged Back                       |               |
| 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

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

SIGNED

TITLE

Operator

DATE

3/14/78

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

Posted  
ID 2-80  
3-28-80  
TA

# 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.

**Item 33:** 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<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |       |        |                                                                                                                                                                                              | 38. GEOLOGIC MARKERS                                                                                    |                                                                             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                  | NAME                                                                                                    | MEAS. DEPTH                                                                 | TRUE VERT. DEPTH |
| Chester<br>Mississippi                                                                                                                                                                                                                                | 8354' | 8737'  | Recovered 31' Drilling fluid, chamber held<br>2100 cc mud, no gas -- 60 PSI Temperature<br>140°. Hydrolater had 4514#.<br>IFP 245-297 30 Minutes<br>SIP 350 1 Hour<br>FFP 245-280 30 Minutes | Yates<br>Queen<br>San Andres<br>Glorieta<br>Tubbs<br>Abo<br>Wolfcamp<br>Atoka<br>Chester<br>Mississippi | 285<br>1025<br>1645<br>3030<br>4410<br>5190<br>6335<br>8145<br>8347<br>8500 |                  |