

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

See other instructions on reverse side)

Budget Bureau No. 1004-0137  
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO.

NM0555443

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

Ross Draw

FARM OR LEASE NAME

Ross Draw Unit

WELL NO.

19

FIELD AND POOL, OR WILDCAT

52795

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

Sec 27 T26S R30E

COUNTY OR PARISH

Eddy

STATE

NM

ELEV. CASINGHEAD

3022

ROTARY TOOLS

X

CABLE TOOLS

WAS DIRECTIONAL SURVEY MADE

no

WAS WELL CORED

no

**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. REVR. ☐ Other ☐

2. NAME OF OPERATOR

J.C. Williamson

3. ADDRESS OF OPERATOR

P O Box 16 Midland TX 79702

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

At surface

660' FNL &amp; 1980' FWL

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9-9-97

16. DATE T.D. REACHED

9-23-97

17. DATE COMPL. (Ready to prod.)

10-24-97

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

GR-3018'

20. TOTAL DEPTH, MD &amp; TVD

6050'

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

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

5874-5976' Getty sand (Basal Cherry Canyon)

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron Gamma Ray CCL, Cement Bond

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                  | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-----------------------------------|---------------|
| 13-3/8"     | 54.5#           | 616'           | 17-1/2"   | 400sxprem+1/4#floseal+250sx       |               |
| 8-5/8"      | 24# & 32#       | 3270'          | 11"       | 1275sx Howco lite + 250sx         | Cheat         |
| 5-1/2"      | 15.5#           | 6049'          | 7-7/8"    | 400sx 50-50 poz + 500sx 50-50 poz |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | 5992'          |                 |

31. PERFORATION RECORD (Interval, size and number)

5876-5974' W/27 holes 0.40" diam.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                      |
|---------------------|-------------------------------------------------------|
| 5876-5974           | acidize/2500qls 7-1/2% NEFE                           |
| 5876-5974'          | frac/69,000qls gel +link polymer/165000# 20/40, 45000 |
|                     | 12/20                                                 |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |                         |            |                         | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|-------------------------|------------|-------------------------|------------------------------------|--|
| 10/25/97              |                 | pumping (320 Adesco pumping unit)                                    |                         |                         |            |                         | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL.                | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 10/29/97              | 24              | on pump                                                              | →                       | 120                     | 100        | 380                     | .8333/1                            |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF.                | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
| pumping               | no packer       | →                                                                    | 120                     | ACCEPTED FOR RECORD 380 |            | 39.0                    |                                    |  |

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

sold to Conoco

35. LIST OF ATTACHMENTS

Cement Bond, Gamma Ray Neutron log

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

SIGNED

*Mary Jane Williamson*

TITLE

Production

DATE 10-31-97

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

## ROSS DRAW #19

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.                                                                          | GEOLOGIC MARKERS |             |                            |
|-----------------------|------|--------|------------------------------------------------------------------------------------------------------|------------------|-------------|----------------------------|
|                       |      |        |                                                                                                      | NAME             | MEAS. DEPTH | TOP<br>TRUE<br>VERT. DEPTH |
| Recent                | 0    | 10     | Soil and Caliche                                                                                     | Recent           | 0           | 10                         |
| Pleistocene           | 10   | 400    | Sand and Shale                                                                                       | Pleistocene      | 10          | 400                        |
| Triassic              | 400  | 550    | Red Shale and fine Red Sand                                                                          | Triassic         | 400         | 550                        |
| Permian or Dewey Lake | 550  | 820    | Fine red sands and shale                                                                             | Perm-Dew Lake    | 550         | 820                        |
| Rustler               | 820  | 980    | Lime and anhydrite                                                                                   | Rustler          | 820         | 980                        |
| Salado                | 980  | 1640   | Salt, sand and potash                                                                                | Salado           | 980         | 1640                       |
| Castile               | 1649 | 2770   | Mostly anhy., some dolomite                                                                          | Castile          | 1640        | 3445                       |
| Salt                  | 2770 | 2930   | Pure salt                                                                                            | Bell Canyon      | 3445        | 4400                       |
| Anhydrite             | 2930 | 3040   | Anhydrite and dolomite                                                                               | Cherry Canyon    | 4390        | 5620                       |
| Salt                  | 3040 | 3270   | Pure salt                                                                                            | Brushy Canyon    | 5620        | TD 6050'                   |
| Anhydrite             | 3270 | 3438   | Anhy, and dolomite                                                                                   |                  |             |                            |
| Delaware sands        | 3445 | 6050   | Black shale, some lime beds, but mostly various Delaware sand beds between inter-bedded Black shale. |                  |             |                            |