

NM0003 - ARTESIA

HOBBS OFFICE 0. C. O.

DML

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.

NM 0155494-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Winkler Federal

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Cato - San Andres

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

Sec. 29-T8S-R30E

12. COUNTY OR  
PARISH

Chaves

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL

WELL

GAS

WELL

DRY

Other

b. TYPE OF COMPLETION:

NEW

WELL

WORK

OVER

DEEP-

EN

PLUG

BACK

DIFF.

RESVL.

Other

2. NAME OF OPERATOR

SINCLAIR OIL &amp; GAS COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 1920, Hobbs, New Mexico 88240

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

At surface 990' fr the North line and 1650' fr the East line

At top prod. interval reported below

As Above

At total depth

As Above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

4-1-68

16. DATE T.D. REACHED

4-5-68

17. DATE COMPL. (Ready to prod.)

5-15-68

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

4115' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

3530'

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

3491'

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-3530'

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

3289-3368' San Andres

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma/Gamma Density Log Compensated

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 |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 8-5/8"OB    | 20#             | 288'           | 12-1/4"   | 200 sacks        |               |
| 4-1/2"OD    | 9.5#            | 3530'          | 7-7/8"    | 300 sacks        | None          |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE     | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|----------|----------------|-----------------|
|      |          |             |               |             | 2-3/8"OD | 3249'          | -               |
|      |          |             |               |             |          |                |                 |
|      |          |             |               |             |          |                |                 |

31. PERFORATION RECORD (Interval, size and number)

3289-98, 3300-03-04-08-11-12-14-16-18-  
21' and 3352-55-61-64-66-68' w/2 - 3/8"  
shots each interval.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                 |
|---------------------|----------------------------------------------------------------------------------|
| 3289-3368'          | 12000gals. 28% acid                                                              |
| 3289-3368'          | 15,000 gals. Mod. Brine & 20,000#<br>sand, 1,000# Adomite acqua, 80<br>gals. NEA |
|                     |                                                                                  |
|                     |                                                                                  |

33. PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 5-1-68                |                 | Pumping (2" X 1-1/2" Bottom hole)                                    |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 5-15-68               | 24              |                                                                      | →                       | 5        | 1          | 23                                 | 120:1         |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
|                       |                 | →                                                                    | 5                       | 1        | 23         | 24.2                               |               |

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

Vented

TEST WITNESSED BY

Mr. C. E. Butler

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

Superintendent

DATE 5-15-68

ACCEPTED FOR RECORD

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

Orig &amp; 4cc: USGS, Roswell, New Mex. cc: Regional Office, cc: file

# INSTRUCTIONS

6. a. c. d. This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by the Federal 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 local (drillers, geologists, sample and core analysis, all logs, 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 the 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:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 38. GEOLOGIC MARKERS |             |                  |
|-----------|-----|--------|-----------------------------|----------------------|-------------|------------------|
|           |     |        |                             | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Rustler              | 1000'       | 1000'            |
|           |     |        |                             | Yates                | 1435'       | 1435'            |
|           |     |        |                             | Queen                | 2075'       | 2075'            |
|           |     |        |                             | San Andres           | 2587'       | 2587'            |