

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.

RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

DEC 7 - 1979

7. UNIT AGREEMENT NAME

O.C.C.

8. FARM OFFICE Duncan "LH" Federal

9. WELL NO.

1-Y

10. FIELD AND POOL, OR WILDCAT

Abo - Rat hole Digge

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

Sec. 3-8S-25E Unit C NMPM

12. COUNTY OR PARISH Chaves

13. STATE NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [] GAS WELL [x] DRY []

b. TYPE OF COMPLETION: NEW WELL [x] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

2. NAME OF OPERATOR Yates Petroleum Corporation

3. ADDRESS OF OPERATOR 207 South 4th Street-Artesia, NM

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

At surface 754' FNL & 2109' FWL of Section 3-8S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED RT 10-7-79 16. DATE T.D. REACHED 10-19-79 17. DATE COMPL. (Ready to prod.) 11-15-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3610.5' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4130' 21. PLUG, BACK T.D., MD & TVD 4069' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 30-4130' ROTARY TOOLS 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3876-84' Abo CABLE TOOLS 0-80' Rat hole Digge

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC 27. WAS WELL CORED No

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

Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 13-3/8", 7", 4 1/2" casing sizes.

29. LINER RECORD and 30. TUBING RECORD. Columns include SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD).

31. PERFORATION RECORD (Interval, size and number) 3876-84' w/16 .50" holes (2spf) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED.

33. PRODUCTION

DATE FIRST PRODUCTION 11-15-79 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SIWOPLC

DATE OF TEST 11-15-79 HOURS TESTED 3 CHOKE SIZE 3/8" PROD'N. FOR TEST PERIOD WATER—BBL. 100 GAS—OIL RATIO

FLOW. TUBING PRESS. 250# CASING PRESSURE Pkr CALCULATED 24-HOUR RATE 800 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - will be sold TEST WITNESSED BY Harvey Apple

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 [Signature] TITLE Geol. Secty DATE 12-4-79

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:
 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. | | |
|----------------------|-----|--------|-----------------------------|-------|------------------|
| 38. GEOLOGIC MARKERS | | | | NAME | MEAS. DEPTH |
| | | | | TOP | TRUE VERT. DEPTH |
| | | | San Andres | 357' | |
| | | | Glorieta | 1193' | |
| | | | Abo | 3518' | |