

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRINT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-14,555.

5. LEASE DESIGNATION AND SERIAL NO.
NM 660843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

"AY" Federal "AY"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Penasco Draw S.A. Yeso

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

25-18S-25E

NMPM

12. COUNTY OR PARISH
Eddy

13. STATE
N. Mex

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 ☐

JAN 11 1967

2. NAME OF OPERATOR

Yates Petroleum Corporation

O. C. C.

ARTESIA, OIL FIELD

3. ADDRESS OF OPERATOR

309 Carper Building - Artesia, New Mexico 88210

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

At surface 2310 FNL & 1980 FWL Sec. 25-1. 25

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPECDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

11-25-66

12-6-66

11-4-67 1-4-67

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

3461' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2628' KB

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

22. IF MULTIPLE COMPLEMENTS, HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Rotary

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

1280-2400'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Neutron

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24# J-55	1025' KB	11"
5-1/2"	14# J-55	2615.89' KB	7-7/8"

CEMENTING RECORD

410 Sx

450 Sx

AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCORE

30. TUBING RECORD

SIZE	DEPTH SET (MD)	SCORE SET (MD)
2" EUE	2200'	

31. PERFORATION RECORD (Interval, size and number)

20/2360-2400; 12/2310-2334; 18/2292-2310
20/2250-2270; 30/1656-1686; 70/1604-1630
70/1408-1443'; 15/1325-1340; 55/1280-1310

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

INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1280-2400	235,000# 20-40 Sand
	7213 bbls gelled water
	Fracture

33.* PRODUCTION

DATE FIRST PRODUCTION 11-4-67 1-4-67 PRODUCTION METHOD (Flowing, gas lift, pumping)

Pumping

WELL STATUS (Producing or Shut-in)

Producing

DATE OF TEST 11-6-67 1-6-67 24 HOURS TESTED

CHOKE SIZE PRODN. FOR TEST PERIOD

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE

54

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

42 BLW

GAS—MCF.

WATER—BBL.

GAS GRAVITY-API (CORR.)

42 BLW

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

Vented

TEST WITNESSED BY

Don Weaver

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

Richard C. Norman

TITLE

Geol. list

DATE

1-9-67

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

INSTRUCTIONS

Check: 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 both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number submitted, if necessary, 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 Federal or State agency. 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 of electric and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations, should be filed on this form, see item 25.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult 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 other interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 83. Submit a separate report (page) on this form, adequate 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.

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; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDER

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
San Andres "Artesian" Zone	870	968	

38.

GEOLOGIC MARKERS

NAME	TOI MEAS. DEPTH
San Andres Glorieta	721 2075'

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 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

DEVIATION SURVEY
 YATES PETROLEUM CORPORATION - "AY" FEDERAL NO. 1
 2310 FNL & 1980 FWL of Sec. 25-18S-25E

DepthDeviation

470'	1/4 deg.
1050'	2-1/4 deg.
1430'	2-3/4 deg.
1710'	2-1/2 deg.
2360'	2 deg.

Sworn to this 9th day of January, 1967

Richard C. Norman

Richard C. Norman
 Geologist
 Yates Petroleum
 Corporation

STATE OF NEW MEXICO)

: ss

COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 9th day of January, 1967.

My Commission Expires

Nov. 17, 1968
~~December 15, 1967~~

Stanley Patterson

Notary Public in and for
 Eddy County, New Mexico

RECEIVED

JAN 11 1967

U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO