

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.

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, New Mexico 88210

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

At surface NW NW 990' FNL & 990' FWL of Sec. 23-17S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-27-69

16. DATE T.D. REACHED

1-23-70

17. DATE COMPL. (Ready to prod.)

2-8-70

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

3507' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1460'

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0'-1460'

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

1310-1406 San Andres

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sidewall Neutron Porosity Log

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20#	1153'	9 5/8"	860	
4 1/2" & 5 1/2"	9.5&15.5#	1460'	6 1/4"	100	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	1420'	

31. PERFORATION RECORD (Interval, size and number)

1310-1312 - (3 shots) .3/8"
1325-1332 - (8 shots) "
1362-1369 - (8 shots) "
1374-1381 - (8 shots) "
1404-1406 - (3 shots) "

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1310-1406	1000 gal NE 15% acid
	80000 gal wtr and 40000#
	20-40 sand

33.*

PRODUCTION

DATE FIRST PRODUCTION

2-8-70

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Pumping

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

2-18-70

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

50

GAS—MCF.

TSTM

WATER—BBL.

20 BLW

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

35.0

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

Vented

TEST WITNESSED BY

Paul Carre

35. LIST OF ATTACHMENTS

Deviation Survey

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

SIGNED

TITLE

ARTESIA SCALE

DATE

2-18-70

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

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: CORREL. 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.
	Surface	143	Alluvium & broken lime
	143	720	Anhydrite, lime and shale
	720	869	Eolomite
	869	1092	Broken Dolomite
	1092	1239	Hard Dolomite
	1239	1459	Lime and Dolomite

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
San Andres	726		

YATES PETROLEUM CORPORATION - FEDERALES "BO" #1 -NM036191
990' FNL & 990' FWL of Section 23-17S-25E
Eddy County, New Mexico

725'
1152'

1/2 deg.
1 deg.

Sworn to this 18th day of February, 1970

Eddie M. Mahfood
Eddie M. Mahfood
Engineer for
Yates Petroleum Corp.

STATE OF NEW MEXICO)
COUNTY OF EDDY) ss.

The foregoing instrument was acknowledged before me this 18th day of February, 1970 by Eddie M. Mahfood, agent for Yates Petroleum Corporation.

My Commission expires:

2.9.73

L. M. L. Hays
Notary Public in and for
Eddy County, New Mexico

R E C E I V E D

FEB 20 1970

D. S. C.
ARTESIA, OFFICE