

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R3555.

5. LEASE DESIGNATION AND SERIAL NO.

NM036191

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federales BO

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Eagle Creek S.A.

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

Sec. 22-17S-25E

Unit C NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

N. Mex.

## 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

990' FNL &amp; 2310' FWL of Sec. 22-17S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-23-71

16. DATE T.D. REACHED

7-27-71

17. DATE COMPL. (Ready to prod.)

8-11-71

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

3534' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

1537'

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

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-1537'

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

1289½-1518'

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Radioactivity

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
10 3/4"	32#	501'	13 3/4"	200 sacks
7"	23#	1134'	9 7/8"	275 sacks
4½"	11#	515'	6 1/8"	125 sacks
5½" Tapered	14#	1007'	1537'	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2" EUE	1269'	

31. PERFORATION RECORD (Interval, size and number) .51-1/shot/ft.

1518, 1489, 1476, 1460½, 1414, 1398, 1384, 1374, 1367, 1351½, 1342½, 1336½, 1480½, 1455½, 1431, 1388, 1381, 1371, 1362, 1354½, 1346½, 1339, 1319½, 1289½, 1372½, 1369, 1341, 1338. 28 shots.

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1289½-1518'	6500 gallons 15% acid for breakdown, 40000# 20-40 sand and 80000 gal. treated water.

33.\*

PRODUCTION

DATE FIRST PRODUCTION

8-11-71

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

Pumping

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

8-18-71

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

31

GAS—MCF.

TSTM

WATER—BBL.

19 BLW

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

31

GAS—MCF.

TSTM

WATER—BBL.

19 BLW

OIL GRAVITY-API (CORR.)

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

Eddie L. Lusk

TITLE

Engineer

DATE

8-20-71

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

**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 13:** 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 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

728

DEVIATION SURVEY

Yates Petroleum Corporation -Federales BO No. 4  
990' FNL & 2310' FWL of Section 22-17S-25E  
Eddy County, New Mexico

Depth Feet

501'  
1134'  
1537'

Deviation

1/2 deg.  
3/4 deg.  
1 1/4 deg.

Sworn to this 19th day of August, 1971.

RECEIVED

AUG 27 1971

D. C. C.  
ARTESIA, OFFICE

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

STATE OF NEW MEXICO )  
                                  : ss  
COUNTY OF EDDY         )

The foregoing instrument was acknowledged before me this 19th day of August, 1971 by Eddie M. Mahfood agent for Yates Petroleum Corporation.

My Commission expires

8-9-1973

Billie R. Williams  
Notary Public in and for  
Eddy County, New Mexico