

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 10273

6. IF INDIAN, ALLIANCE OR COMMISSION

NM OIL CONS. COMMISSION  
Artesia, NM 88210

7. UNIT IDENTIFICATION NO.

8. FARM OR LEASE NAME

Thomas LN Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Und. Abo Pecos Slope -  
Also Gas

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

Unit C, Sec. 10-T6S-R25E

12. COUNTY OR PARISH  
Chaves13. STATE  
NM

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 St., Artesia, NM 88210

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

At surface

660 FNL &amp; 1980 FWL, Sec. 10-6S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE INSURANCE

15. DATE SPUDDED

11-22-81

16. DATE T.D. REACHED

12-9-81

17. DATE COMPL. (Ready to prod.)

12-16-81

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

3955.5' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

4225'

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

4102'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4225'

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

3708-3950' Abo

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; DLL

27. WAS WELL CORED

ACCEPTED FOR RECORD

PETER W. CLINGER

AMOUNT PULLED

DEC 28 1981

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
10-3/4"	40.5#	900'	12-1/4"	1050
4-1/2"	9.5#	4160'	7-7/8"	350

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"	3900'	

31. PERFORATION RECORD (Interval, size and number)

3708-3950' w/15 .50" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3708-3950	w/2000 g. 10% Spearhead acid plus ball sealers. SF w/40000g. gel KCL, 10000g. CO2, 80000# 20/40 sd.

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-16-81		Flowing				SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL BBL.	GAS MCF.	WATER BBL.	GAS-OIL RATIO
12-16-81	2	3/4"	→	-	197	-	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL BBL.	GAS MCF.	WATER BBL.	OIL GRAVITY-API (CORR.)	
150	-	→	-	2362	-	-	

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

Vented - Will be sold

TEST WITNESSED BY

Bill Hansen

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 Engineering Secretary

DATE 12-18-81

\*(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 38, 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 38.

**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 38. 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 POROSITY ZONES:				38. (GEOLOGIC MARKERS)		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (SR), TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				NAME	TOP	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	585	
				Glorieta	1602	
				Fullerton	3020	
				Abo	3656	

# Collier Drilling Corp.

PHONES (505) 746-3596 (505) 746-6520  
BOX 271 - ARTESIA NEW MEXICO 88210

RECEIVED  
DEC 28 1981

WELL NAME AND NUMBER

*Thomas LN Fed.*  
~~L. N. Federal Thomas #4~~

O. C. D.

ARTESIA OFFICE

LOCATION

Section 10, T-6-S, R-25-E - 660' FNL & 1980' FWL, Chaves County

OPERATOR

Yates Petroleum Corporation, 207 South Fourth, Artesia, New Mexico 88210

The undersigned hereby certifies that he/she is an authorized representative of Collier Drilling Corp. and that the following information as set forth by the drillers for Collier Drilling Corp. on their Survey of Directional Drilling is true and correct to the best of his/her information and belief.

DISC NO.	DATE	DEPTH	DRIFT	DRILLER
1	11/24/81	900'	1°	Gary Sutton
2	11/27/81	1455'	1°	Gary Sutton
3	11/28/81	1964'	3/4°	Erick Lehr
4	11/29/81	2472'	1°	R. D. Watkins
5	11/30/81	3661'	3/4°	Erick Lehr
6	12/9/81	4125'	3/4°	R. D. Watkins
7	12/9/81	4225'	3/4°	R. D. Watkins

By

*Timothy D. Collier*  
Title President

Subscribed and sworn to before me this 22nd day of December, 1981

*1-4-83*  
My commission expires

*Rhonda K. Parrish*  
Notary Public

