

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.

NM 664

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lechuguilla Canyon Unit

8. FARM OR LEASE NAME

Lechuguilla Canyon Unit

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Crooked Creek  
Wildcat Morrow

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

Unit J, Sec. 3-T24S-R24E

12. COUNTY OR PARISH

Eddy

13. 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

RECEIVED

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

At surface 1980 FSL &amp; 2130' FEL, Sec. 3-T24S-R24E

MAY - 6 1982

At top prod. interval reported below

At total depth

O. C. D.  
ARTESIA, OFFICE

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1-26-82

16. DATE T.D. REACHED

3-20-82

17. DATE COMPL. (Ready to prod.)

4-16-82

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

4028.9' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

10500'

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

10155'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-10500'

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

10105-109' Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; DLL

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
20"		40'	24"		
13-3/8"	48#	350'	17-1/2"	400	
9-5/8"	36#	2405'	12-1/4"	450	
4-1/2"	11.6#	10500'	7-7/8"	600	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SAFETY CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	10047'	10048'

31. PERFORATION RECORD (Interval, size and number)

10105-109' w/10 .40" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10105-109'	w/1000 g. 7 1/2% MS acid & N2.

ACCEPTED FOR RECORD

33.\* PRODUCTION

DATE FIRST PRODUCTION

4-16-82

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

Flowing

DATE OF TEST

4-16-82

HOURS TESTED

4

CHOKE SIZE

1/2"

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

186

FLOW. TUBING PRESS.

165

CASING PRESSURE

Packer

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

1116

WATER—BBL.

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

Deviation Survey; DST's

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

4-29-82

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