

**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
NM 14983

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Monaghan QY Federal

9. WELL NO.
5

10. FIELD AND POOL, OR WILDCAT
Pecos Slope Abo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Unit P, Sec. 27-5S-24E

12. COUNTY OR PARISH
Chaves

13. STATE
NM

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG *
RECEIVED**

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN FLUG BACK DIFF. RESVR. Other _____

JUN 1 1982

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 FSL & FEL, Sec. 27-T5S-R24E
At top prod. interval reported below
At total depth

RECEIVED
ARTESIA OFFICE
MAY 18 1982
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 4-26-82 16. DATE T.D. REACHED 5-2-82 17. DATE COMPL. (Ready to prod.) 5-13-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3993.9' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4200' 21. PLUG BACK T.D., MD & TVD 4127' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS 0-4200' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3702-3819' Abo

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)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	24"		
10-3/4"	40.5#	883'	14-3/4"	750	
4-1/2"	10.5#	4193'	7-7/8"	450	

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"	3667'	3667'

31. PERFORATION RECORD (Interval, size and number)
3702-3819' w/14 .50" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3702-3819'	w/2500 g. 7½% MOD 101 HCl acid. SF w/40000 g. gel KCL wtr. 70000# 20/40 sd, 800# Benzoic flakes.

33.* PRODUCTION

DATE FIRST PRODUCTION 5-13-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-13-82	4	1/2"	→	-	395	-	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.
365	Packer	→	-	2368

ACCEPTED FOR RECORD
SIWOPLC
MAY 25 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented - Will be sold

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 Janita Doodlett TITLE Engineering Secretary DATE 5-17-82

Posted FD-2
5-28-82
Camp + BR

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

HORIZON DRILLING &
EXPLORATION CORPORATION

200 W. First St.



Suite 225 Petroleum Bldg.
Roswell, New Mexico 88201



623-9537

May 25, 1982

YATES PETROLEUM CORP.
207 S. 4th. St.
Artesia, N.M. 88210

HORIZON RIG #1/WELL 21
MONAGHAN QY Fed. #5
Sect. 27, T 5s. R24 e.
CHAVEZ COUNTY, N.M.

481' = 3/4°
883' = 1/2°
1352' = 1°
1654' = 1°
2000' = 1°
2510' = 3/4°
3010' = 1°
3500' = 1/2°

4000' = 1/2°
4200' = 1/2°

T.D. 4200'

RECEIVED

MAY 28 1982

O. C. D.
ARTESIA, OFFICE

J. H. Thompson

Sincerely yours,

H.L. McArthur
HORIZON DRILLING
200 W. 1st. St.
Roswell, N.M. 88201