

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

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 _____ 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

14. PERMIT NO. _____ DATE ISSUED _____

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

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

CABLE TOOLS

0-4200'

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)	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		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					
5-13-82		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.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
365	Packer	→	-	2368	-	-	

ACCEPTED FOR RECORDS (Producing or shut-in)

SIWOPLC

MAY 25 1982

PHYSICAL SURVEY

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

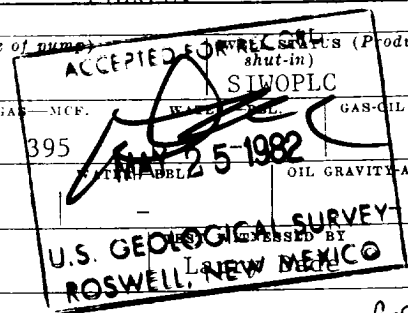
L. Anita Doddlett

TITLE

Engineering Secretary

DATE 5-17-82

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

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

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.

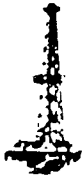
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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 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, CEMENT USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
				San Andres	565
				Glorieta	1573
				Fullerton	2993
				Abo	3638

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.

RECEIVED

MAY 28 1982

O. C. D.
ARTESIA, OFFICE

481' = $3\frac{3}{4}^{\circ}$

883' = $\frac{1}{2}^{\circ}$

1352' = 1°

1654' = 1°

2000' = 1°

2510' = $3\frac{3}{4}^{\circ}$

3010' = 1°

3500' = $\frac{1}{2}^{\circ}$

4000' = $\frac{1}{2}^{\circ}$

4200' = $\frac{1}{2}^{\circ}$

T.D. 4200'

Sincerely yours,

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

Handwritten note:
J. H. Thompson