

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.

Copy to Sfr

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 Fourth Street - Artesia, NM **O. C. C. MINE & OIL OFFICE**

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

At surface 660' FSL & 1980' FEL of Section 33-7S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

MAY 18 1979

15. DATE SPUDDED 4-9-79	16. DATE T.D. REACHED 5-2-79	17. DATE COMPL. (Ready to prod.) 5-12-79	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3597' KB	19. ELEV. CASINGHEAD 3588
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20. TOTAL DEPTH, MD & TVD 4970' KB	21. PLUG, BACK T.D., MD & TVD 4830' KB	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-4970'	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3548-3880' 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
13-3/8"	48#	405' KB	17-1/2"	300 sacks	
9-5/8"	32.75#	918' KB	12-1/4"	550 sacks	
5-1/2"	15.5#	4868' KB	8-3/4"	615 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3524'	3524'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3872-3880' w/16 0.50" holes
3548-3560' w/24 0.32" holes
3568-3572 w/8 0.32" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3872-3880'	1500g 15% DS-30 & N2, 20000#
	20-40 in 20000g + CO2
3548-3572'	3000g 15% DS-30, 60000#
	20-40 in 42000g + CO2

33.*

PRODUCTION

DATE FIRST PRODUCTION 5-9-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SIWOPLC	
DATE OF TEST 5-16-79	HOURS TESTED 6	CHOKE SIZE 1/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. TSTM	GAS—MCF. 287	WATER—BBL. Neg.	GAS-OIL RATIO -----
FLOW. TUBING PRESS. 760#	CASING PRESSURE packer	CALCULATED 24-HOUR RATE →	OIL—BBL. ----	GAS—MCF. 1150	WATER—BBL. -----	OIL GRAVITY-API (CORR.) -----	

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

Sold - WOPLC

TEST WITNESSED BY

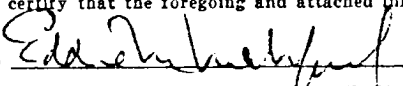
H. S. Apple

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

Engineer

DATE

5-17-79

*(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 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 POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	160	
				Glorieta	1164	
				Abo	3484	
				Wolfcamp	4272	
				Penn	4804	
				Granite Wash	4894	
				TD	4970	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

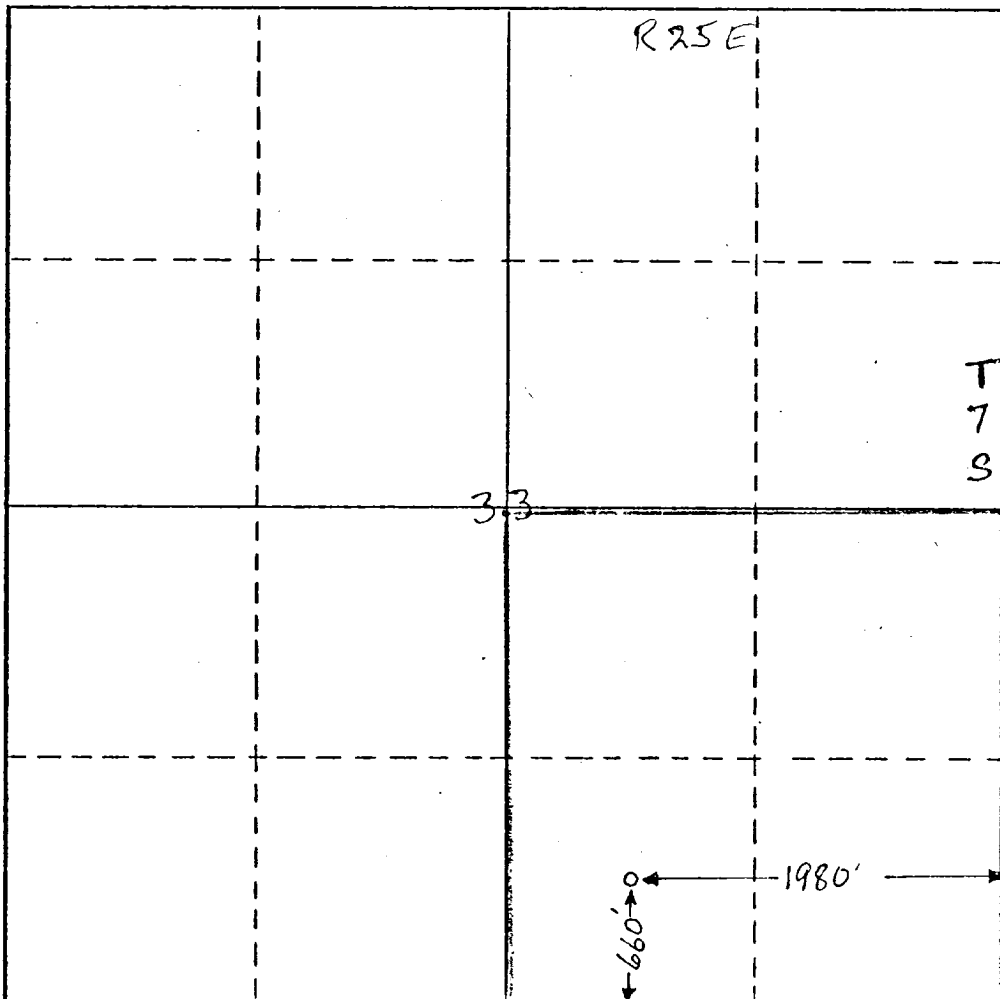
Operator YATES PETROLEUM CORP			Lease Federal HY		Well No. 2
Unit Letter OX	Section 33	Township 7S	Range 25E	County Chaves	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 3588	Producing Formation Abo	Pool Wildcat	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Eddie M. Mahfood

Name

EDDIE M. MAHFOOD

Position

ENGINEER

Company

YATES PETROLEUM CORP

Date

5-16-79

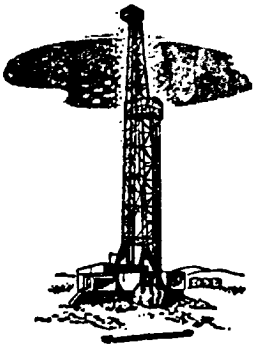
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Refer to Orig Plat

Registered Professional Engineer and/or Land Surveyor

Certificate No.



N.M.O.C.D. COPY

Telephone 505-748-2205

ALBUQUERQUE OFFICE COPY
1-205-450-1111

L & M DRILLING, INC. - Oil Well Drilling Contractors

P. O. BOX 672

ARTESIA, NEW MEXICO 88210

May 4, 1979

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

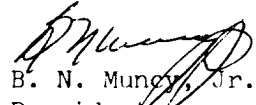
Re: Federal HY #2
660' FSL & 1980' FEL
Section 33, T7S, R25E
Chaves County, New Mexico

Gentlemen:

the following is a Deviation Survey of the above captioned well:

<u>Depth</u>	<u>Deviation</u>
408'	1-1/4°
1000'	1-3/4°
1550'	3/4°
2083'	3/4°
2559'	3/4°
3009'	3/4°
4785'	1-1/2°
4975'	1-1/2°

Very truly yours,


B. N. Muncy, Jr.
President

STATE OF NEW MEXICO
COUNTY OF EDDY

! !

The foregoing was acknowledged before me this 4th day of May, 1979.

