

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT

DUPLICATE

(See Other
instructions on
reverse side)

FORM APPROVED

OMB NO. 1004-0107

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.

105 South Fourth St. - Artesia, NM 88210

505-748-1471

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

At surface

1400' FNL and 990' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
15. DATE SPUDDED RH - 3/17/02
16. DATE T.D. REACHED 4/12/02
17. DATE COMPL. (Ready to prod.) 4/29/02
18. ELEVATIONS (DF, PKB, RT, GR, ETC.) 3752' GR20. TOTAL DEPTH, MD & TVD 6124'
21. PLUG BACK T.D., MD & TVD 5715'
22. IF MULTIPLE COMPL. →
23. INTERVALS DRILLED BY ROTARY TOOLS 40-6124'
CABLE TOOLS

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

4298-4646' Abo

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC, Laterolog, Sonic

27. WAS WELL CORED

Sidewall cores

28. CASING RECORD (Report all strings set in well)
CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED
16" 40' 20" cement to surface
8-5/8" 24# 1105' 12-1/4" 700 sxs circ
5-1/2" 15.5# 6124' 7-7/8" 650 sxs29. LINER RECORD
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)
2-7/8" 4290' None31. PERFORATION RECORD (Interval, size and number)
4298-4308' 11 holes .42" 4390-4404' 15 holes .42"
4414-4418' 5 holes .42" 4426-4432' 7 holes .42"
4494-4499' 6 holes .42" 4502-4507' 6 holes .42"
4608-4624' 17 holes .42" 4638-4646' 9 holes .42"
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
4298-4646' 500 gals 7.5% DI IC HCL
4298-4646' 111,000 gals 25Q CO2 foamed 30# gel +
250,000# 16/30 Brady sand
2000 gals 7.5% IC HCL ahead of pad33. PRODUCTION
DATE FIRST PRODUCTION WOPL
PRODUCTION METHOD (Flowing, gaslift, pumping-size and type of pump) Flowing
WELL STATUS (Producing or shut-in) ST WOPLDATE OF TEST 4/26/02 HOURS TESTED 24 CHOKE SIZE 1/2" PROD. FOR TEST PERIOD → OIL-BBL 0 GAS-MCF 1834 WATER-BBL 0 GAS-OIL RATIO
FLOW, TBG PRESS. 280# CASING PRESS → CALCULATED 24-HR RATE → OIL-BBL 0 GAS-MCF 1834 WATER-BBL 0 OIL GRAVITY-API (CORR.)34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold
ACCEPTED FOR RECORD
TEST WITNESSED BY Paul Hanes35. LIST OF ATTACHMENTS
Logs, Deviation survey
(ORIG. SGD.) DAVID R. GLASS

36. I hereby certify that the foregoing and attached information is complete and correct and is being submitted for the available records

SIGNED

TITLE: Engineering Technician
PERIOD: 4/29/02

DATE 4/29/02

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

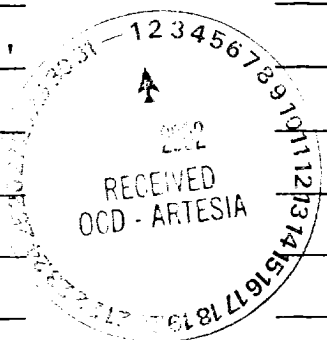
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any
any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	852'	
				Glorieta	2011'	
				Yeso	2073'	
				Tubb	3506'	
				Abo	4261'	
				Wolfcamp	4922'	
				Cisco	5508'	
				Strawn	5632'	
				Siluro Devonian	5796'	
				Basement -		
				Diorite	5886'	

WELL NAME AND NUMBER Margene "AWM" Federal No. 1
LOCATION 1400' FNL & 990' FEL, Section 20, T9S, R26E, Chaves County NM
OPERATOR Yates Petroleum Corporation
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 552'</u>	<u>1/2° 4492'</u>	<u> </u>
<u>3/4° 990'</u>	<u>1/2° 5490'</u>	<u> </u>
<u>1/4° 1529'</u>	<u>1/2 6057'</u>	<u> </u>
<u>1/2° 1999'</u>	<u> </u>	<u> </u>
<u>1/2° 2469'</u>	<u> </u>	<u> </u>
<u>1/2° 3003'</u>	<u> </u>	<u> </u>
<u>1/4° 3476'</u>	<u> </u>	<u> </u>
<u>1/2° 3980'</u>	<u> </u>	<u> </u>



Drilling Contractor United Drilling, Inc.

By: George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 17th day of April,
2002.

Karina Tanberley
Notary Public

My Commission Expires: 09-25-03

Chaves County NM State