

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

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 ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

2. Name of Operator
Yates Petroleum Corporation

3. Address
105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)
505-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At Surface 1980'FSL & 1980'FWL (Unit K, NESW)

At top prod. interval reported below Same as above

At total depth Same as above

5. Lease Serial No.

NM-26069

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Margene AWM Federal #5

9. API Well No.

30-005-62690

10. Field and Pool, or Exploratory

Pecos Slope Abo

11. Sec., T., R., M., on Block and
Survey or Area

Section 19-T9S-R26E

12. County or Parish 13. State

Chaves

New Mexico

14. Date Spudded
Re-entry 12/21/02

15. Date T.D. Reached
12/31/02

16. Date Completed 6/8/03
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3689'GR 3701'KB

18. Total Depth: MD 5650'
TVD NA

19. Plug Back T.D.: MD 4750'
TVD NA

20. Depth Bridge Plug Set: MD 5390'
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CNL, Azimuthal Laterolog, Borehole Compensated Sonic

22. Was Well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom(MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#	Surface	878'		In Place		Surface	
7-7/8"	4-1/2"	11.6#	Surface	5650'		800 sx		2994' CBL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	4166'	4388'				
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

See Attached Sheet

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/9/03	6/22/03	24	⇒	0	54	0	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
16/64"	150 psi	NA	⇒	0	54	0	NA		Producing

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

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.

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Abo	4028'
				Wolfcamp	4700'
				B Zone	4788'
				Spear	5054'
				Cisco	5276'
				Strawn	5395'
				Pre-Cambrian	5457'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. ☒ Electrical/Mechanical Logs (1 full set req'd.)

2. Geologic Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification

6. Core Analysis

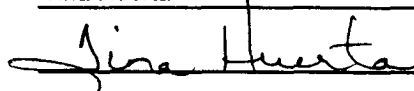
7. ☒ Other Deviation Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name(please print) Tina Huerta

Title Regulatory Compliance Supervisor

Signature



Date July 11, 2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

YATES PETROLEUM CORPORATION
Margene AWM Federal #5
Section 19-T9S-R26E

Form 3160-4 continued:

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
5412'-5418'		24	Under BP
5423'-5429'		24	Under BP
5434'-5440'		24	Under BP
5156'-5160'		24	Under Composite
4788'-4794'		14	Under Composite
5060'-5068'		18	Under Composite
5086'-5094'		18	Under Composite
4166'-4184'		19	Producing
4216'-4222'		7	Producing
4260'-4264'		5	Producing
4280'-4286'		7	Producing
4350'-4356'		7	Producing
4382'-4388'		7	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5412'-5440'	Acidize w/1800g 7-1/2% IC acid and 108 balls
5156'-5160'	Acidize w/500g 7-1/2% IC acid and 36 balls
5060'-5094'	Acidize w/1600g 15% IC acid and 54 balls
4788'-4794'	Acidize w/600g 20% IC acid and 21 balls
4166'-4388'	Frac w/68,200g 55Q foam and 160,000# 16/30 Brady Sand

WELL NAME AND NUMBER Margene "AWM" Federal No. 5
LOCATION 1980' FSL & 1980' FWL, Section 19, 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>3/4° 5019'</u>	<u> </u>	<u> </u>
<u>3/4° 5490'</u>	<u> </u>	<u> </u>
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Drilling Contractor United Drilling, Inc.
By: George A. Aho
George A. Aho
Title: Business Manager

Subscribed and sworn to before me this 2nd day of January,
2003.

Hanna Tankersley
Notary Public

My Commission Expires: 09-25-03

Chaves NM
County State