

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No.

NM-121833

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Rio Penasco MF Federal #2

9. API Well No.

30-015-29255

10. Field and Pool, or Exploratory

N Dagger Draw
Unit E, SWNW
Sec 11-T19S-R25E

12. County or Parish 13. State

Eddy NM

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

3459' GR

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff. Resvr.,
☒ Other ~~Re-entry~~

2. Name of Operator
Yates Petroleum Corporation

3. Address
105 S. 4th St., 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
2980 FNL & 660' FWL

At top prod. Interval reported below

At total depth

14. Date Spudded

15. Date T.D. Reached
12/29/00

16. Date Completed
☐ D&A ☒ Ready to Prod.

18. Total Depth, MD & TVD
9348

9. Plug Back T.D. MD
TVD

20. Depth Bridge Plug Set: MD
TVD

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

Laterolog, CNL, Azimuthal Laterolog

GR/CBL/CCL LOGS

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 Skis & Type of Cement	Slurry Vol. (PBL)	Cement Top*	Amount Pulled
26"	20"				80'	in place			
14-3/4"	9-5/8"	36#			1165'	in place			
8-3/4"	7"	26# & 23#			8095'	in place			
6-1/8"	4-1/2"	11.6#			9348'	125 sxs			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	9270'	9254'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A.) Upper Morrow	9018'	9038'	9312-9321'	4	10	
B.)			9230-9240'	4	44	
C.)			9018-9026'	4	64	
D.)			9032-9038'	4	44	

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

Depth Interval	Amount and Type of Material
9312-9321'	750 gals 15% IC/HCL nonionic surfactant
9230-9240'	1000 gals, 7.5% MSA acid
9018-9038'	1000 gals, 7.5% MSA acid w/96 ball sealers

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
2/9/01	2/10/01	24	➡	6	1784	6			Flowing
Choke Size	Tbj. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
19/64"			➡						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
			➡						

ACCEPTED FOR RECORD

ALEXIS C. SWANSON
PETROLEUM ENGINEER

Choke Size	Tbj. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Sta
---------------	----------------------------	----------------	---------------------	------------	------------	--------------	-------------------	----------

(See instructions and spaces for additional data on reverse side)

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	Tbj. Press. Flwg. SI	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	Tbj. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
---------------	----------------------------	----------------	---------------------	------------	------------	--------------	-------------------	-------------

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

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				San Andres	812
				Glorieta	2362
				Bone Spring	3665
				Wolfcamp	6062
				Canyon	7582

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:

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) Erma Vazquez Title Drilling Technician

Signature Erma Vazquez Date 12-17-01