

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.

30-025-35550

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

2. Name of Operator

Matador Operating Company

3. Address of Operator

310 W. Wall, Suite 906 Midland, TX 79701

7. Lease Name or Unit Agreement Name

Mary State "12" Com

8. Well No.

1Y

9. Pool name or Wildcat

Wilson; Morrow

4. Well Location

Unit Letter O : 660 Feet From The South Line and 1880 Feet From The East LineSection 12 Township 21S Range 34E NMPM Lea County

10. Date Spudded

05/21/01

11. Date T.D. Reached

07/09/01

12. Date Compl. (Ready to Prod.)

08/01/01

13. Elevations (DF& RKB, RT, GR, etc.)

3690 GR

14. Elev. Casinghead

3690 GR

15. Total Depth

12700

16. Plug Back T.D.

12682

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

12223 - 12423 Wilson; Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Borehole Compensated Sonic; Compensated Neutron; Laterolog

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	1435	17 1/2	1175 sxs Class C Light &	212 sx to Pit
				250 sxs Class C	
9 5/8	40	5595	12 1/4	1150 sxs Interfill C &	23 sxs to Pit
				350 sxs Class C	
5 1/2	17	12700	8 3/4	150 sxs Interfill H & 775 sxs Super H	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	12112	12112

26. Perforation record (interval, size, and number)

12223-29, 12235-40, 12251-56, 12292-99, 12308-28, 12338-74,
12411-23 - 4 SPF, .46 entry hole

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

No treatment

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
08/01/01		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
08/17/01	24	8		275	10408	3	37847
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
3000	0					51	

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

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

Logs: Borehole Compensated Sonic; Compensated Neutron/Gama Ray; Laterolog Array/GR & Deviation Report

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name Russ Mathis

Title Production Manager

Date 11/28/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Albany 1703	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 11299	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 11527	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 12531	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Ozite
T. Gloria	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand 5573	T. Todillo	T.
T. Drinkard	T. Bone Springs 7981	T. Entrada	T.
T. Abo	T. Middle Morrow 12147	T. Wingate	T.
T. Wolfcamp 10282	T. Lower Morrow 12473	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS

SANDS OR ZONES

No. 1, from 12223 to 12423 ft (OA)

No. 2, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
0	1703	1703	Red Beds
1703	5573	3870	Evap, DOL
5573	7981	2408	SS, SH, LS
7981	9292	1311	LS, SH
9292	9529	237	SS, SH
9529	9894	365	LS, SH
9894	10282	388	SS, SH, LS
10282	10750	468	Chty LS, SH
10750	11208	458	SH, LS
11208	11527	319	Chty LS, SH
11527	11650	123	SH
11650	12147	497	LS, SH
12147	12473	326	SS, SH
12473	12700	227	SH, LS