

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-105
Revised March 25, 1999

WELL API NO.

30-025-35664

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 12 State Com

8. Well No.

2

9. Pool name or Wildcat

Wilson; Morrow

4. Well Location

Unit Letter B : 660 Feet From The North Line and 1980 Feet From The East LineSection 12 Township 21S Range 34E NMPM Lea County

10. Date Spudded

9/29/01

11. Date T.D. Reached

11/15/01

12. Date Compl. (Ready to Prod.)

12/08/01

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

3672 GR

14. Elev. Casinghead

3672 GR

15. Total Depth

13000

16. Plug Back T.D.

12911

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

12723 - 12765 Wilson; Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

GR/DLL/Sonic; Neutron/Density

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	1404	17 1/2	1045 sx Class C	Circ.
9 5/8	40	5553	12 1/4	1250 sx Inter Fill C	None
				350 sx Class C	Circ.
7	26	11460	8 3/4	400 sx Super H Mod	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2	11151	12998	225		2 7/8	11072	
					2 3/8	12632	12632

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

12723 - 12728, 6 SPF, .48 entry hole, 31 holes

12743 - 12765, 6 SPF, .48 entry hole, 126 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28.

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
12/10/01		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/23/01	24	32		96	14039	0	146240
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
1550	0					53.8	

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

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

GR/DLL/Sonic; Neutron/Density Logs, C102, C104, Deviation Survey

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

2/8/02

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. Anyh. 1779	T. Canyon	T. Ojo Alamo	T. Penn. "B."
T. Salt	T. Strawn 11567	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Atoka 11801	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss. 12921	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 Ortiz
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T.
T. Blinberry	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	T. Delaware Sand 5654	T. Todillo	T. T.
T. Drinkard	T. Bone Springs 7978	T. Entrada	T. T.
T. Abo	T. Middle Morrow 12517	T. Wingate	T. T.
T. Wolfcamp 10377	T. Lower Morrow 12843	T. Chinle	T. T.
T. Penn	T. T.	T. Permian	T. T.
T. Cisco (Bough C)	T. T.	T. Penn "A"	T. T.

SANDS OR ZONES

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	1779	1779	Red Beds
1779	5654	3875	Evaporites, Dol
5654	7978	2324	Ss, Sh, Ls
7978	9351	1373	Ls, Sh
9351	9600	249	Ss, Sh
9600	9977	377	Ls, Sh
9977	10377	400	Ss, Sh, Ls
10377	11216	839	Cherty Ls, Sh
11216	11567	351	Sh, Ls
11567	11801	234	Cherty Ls, Sh
11801	12067	266	Sh
12067	12517	450	Ls, Sh
12517	12843	326	Ss, Sh
12843	13000	157	Sh, Ls