

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.

30-025-35528

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

4. Well Location

Unit Letter D : 705 Feet From The North Line and 660 Feet From The West LineSection 35 Township 19S Range 37E NMPM Lea County

10. Date Spudded

8/8/01

11. Date T.D. Reached

8/29/01

12. Date Compl. (Ready to Prod.)

2/13/02

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

3600 GR

14. Elev. Casinghead

3600 GR

15. Total Depth

7906

16. Plug Back T.D.

7050

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

6946 - 6986, Skaggs; Drinkard Northwest

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Dual Spaced Neutron, Compensated Neutron, Spectralog

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
9 5/8	36	1430	12 1/4	500 sx Class C	109 sx to pit
5 1/2	17	7780	8 3/4	1700 sx Class C	none

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	6788	6788

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

6946 - 6954, 4 SPF, 32 holes; 6982 - 6986, 3 SPF, .35" entry hole, 12 holes, 7686 - 7726, 4 SPF, .46" entry hole, 160 Holes (plugged off) CIBP set @ 7050 & 7630

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

DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED

6982 - 6986 2000 gals 15%

6946 - 6986 3000 gals 15%

28

PRODUCTION

Date First Production

2/13/02

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/17/02	24	Full		130	429	15	3300

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
190	PKR					41.0

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

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

C103, C104 Note: Deviation Survey & Logs were mailed 2/8/02

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

2/18/02

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.

Southeastern New Mexico

Southeastern New Mexico

Northwestern New Mexico

T. Penny	T. Penn "A"
T. Penn "B"	T. Permittan
T. Penn "C"	T. Chinle
T. Penn "D"	T. Wingate
T. Leadville	T. Entrada
T. Madison	T. Todillo
T. Elbert	T. Morrison
T. McCracken	T. Dakota
T. Ignacio Otzie	Base Greenhorn
T. Granite	T. Gallup
	T. Mancos
	T. Point Lookout
	T. Menefee
	T. Cliff House
	T. Pictured Cliffs
	T. Kirtland-Fruitland
	T. Ojo Alamo
	T. Canyon
	T. Strawn 7826
	T. Atoka
	T. Miss
	T. Devonian
	T. Silurian
	T. Montoya
	T. Simpson
	T. McKee
	T. Ellenburger
	T. Gr. Wash
	T. Delaware Sand
	T. Bone Springs
	T.
	T. Wolfcamp
	T. Penn 7790
	T. Cisco (Bough C)
I. Anhy	
T. Salt 1437	
B. Salt	
T. Yates 2793	
T. 7 Rivers 2987	
T. Queen 3760	
T. Grayburg 3925	
T. San Andres	
T. Glorieta 5322	
T. Paddock 5425	
T. Blinberry 5792	
T. Tubb 6430	
T. Drinkard 6629	
T. Abo 7067	

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	1437	1437	Red Beds
1437	2793	1356	Salt, Anhydrite
2793	3760	967	Anhydrite, Dolomite
3760	3925	165	Dolomite, Sandstone, Shale
3925	5322	1397	Dolomite
5322	5425	103	Dolomite, Sandstone, Shale
5425	5727	302	Dolomite
5727	5792	65	Dolomite, Shale
5792	6430	638	Dolomite
6430	6629	199	Dolomite, Sandstone, Shale
6629	7067	438	Dolomite
7067	7790	723	Limestone, Shale, Dolomite
7790	7826	36	Shale
7826	7903	77	Limestone, Dolomite

From	To	Thickness In Feet	Lithology