

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
 Revised March 25, 1999

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

WELL API NO.

30-025-36002

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

C/O Tom Brown, Inc. - P O Box 2608, Midland, TX 79702

7. Lease Name or Unit Agreement Name

Shelley 35 State

8. Well No.

5

9. Pool name or Wildcat

Skaggs; Drinkard, Northwest

4. Well Location

Unit Letter H : 2056 Feet From The North Line and 731 Feet From The East LineSection 35 Township 19S Range 37E NMPM Lea County

10. Date Spudded

11/5/02

11. Date T.D. Reached

11/20/02

12. Date Compl. (Ready to Prod.)

12/11/02 (Re-Compl 4/5/03)

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

3597 GR

14. Elev. Casinghead

3597 GR

15. Total Depth

7100

16. Plug Back T.D.

6935

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

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

6879 - 6884 Skaggs; Drinkard, Northwest

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Dual Laterolog, 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
8 5/8	24	1432	12 1/4	440 sx Class C Lite	Circ 139 sx to pit
				& 200 sx Class C	
4 1/2	11.6	7100	7 7/8	800 sx Super H	Circ 100 sx to pit
				750 sx Interfil C &	
				100 sx Class C	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	6904	None

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

6879 - 6884, 6 SPF, .40 EH
CIBP @ 6945 w/ 10' cement on top
6970 - 6978, 4 SPF, .41 EH, 32 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

6879-6884 Spotted 1000 gals 15% NEFE HCL

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
4/05/03		Pumping 2" x 1-1/2" x 16' RXBC (5/1/03)			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas/Oil Ratio
4/14/03	24	12/64		29	303	7	10448
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
150	0					44.0	

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

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

C103, C104

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

Diane Kuykendall

Title Operations Asst. / Tech Date 9/19/03

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. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt 1455 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2762 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 2990 _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3744 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 3973 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 5364 _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock 5446 _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry (5748) 5803 _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 6463 _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard 6750 _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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 6969 to 6980
 No. 2, from 6876 to 6896
 No. 3, from 6678 to 6823
 No. 4, 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	From	To	Thickness In Feet	Lithology
0	1455	1455	Red Beds				
1455	2762	1307	Salt, Anhydrite				
2762	3744	982	Anhydrite, Dolomite				
3744	3973	229	Dolomite, Sandstone, Shale				
3973	5364	1391	Dolomite, Limestone				
5364	5446	82	Dolomite, Sandstone, Shale				
5446	5748	302	Dolomite				
5748	5803	55	Dolomite, Shale				
5803	6463	660	Dolomite				
6463	6750	287	Dolomite, Sandstone, Shale				
6750	7100	350	Limestone, Dolomite				