

State of New Mexico
Energy, Minerals and Natural Resources

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

Amended - Box 19

Form C-105
Revised March 25, 1999

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

310 W. Wall, Suite 906 Midland, TX 79701

4. Well Location

Unit Letter H : 2056 Feet From The North Line and 731 Feet From The East Line

Section 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

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

3597 GR

14. Elev. Casinghead

3597 GR

15. Total Depth

7100

16. Plug Back T.D.

7029

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

6970 - 6978 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	6864	None

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

6970 - 6978, 4 SPF, .41 EH, 32 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

None

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod or Shut-in)		
12/11/02		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/10/03	24	48		0	203	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
110	0						

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

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

C103, C102, Deviation Report, C104, Logs, C116

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 3/12/03

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

T. Anhy	T. Canyon
T. Salt 1455	T. Strawn
B. Salt	T. Atoka
T. Yates 2762	T. Miss
T. 7 Rivers 2990	T. Devonian
T. Queen 3744	T. Silurian
T. Grayburg 3973	T. Montoya
T. San Andres	T. Simpson
T. Glorieta 5364	T. McKee
T. Paddock 5446	T. Ellenburger
T. Blinebry (5748) 5803	T. Gr. Wash
T. Tubb 6463	T. Delaware Sand
T. Drinkard 6750	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
T. Cisco (Bough C)	T.

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....6969.....to.....6980.....

No. 3, from.....6678.....to.....6823.....

No. 2, from.....6876.....to.....6896.....

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
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

From	To	Thickness In Feet	Lithology
ELF		3 1/4	103

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

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 South Francis Dr., Santa Fe, NM 87504

Energy, Minerals & Natural Resources Department

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-025-36002	² Pool Code 96768	³ Pool Name Skaggs; Drinkard; Northwest
⁴ Property Code 027971	⁵ Property Name Shelley 35 State	⁶ Well Number 5
⁷ OGRID No. 014245	⁸ Operator Name Matador Operating Company	⁹ Elevation 3597

¹⁰ Surface Location

UL or lot no. H	Section 35	Township 19S	Range 37E	Lot Idn	Feet from the 2056	North/South line North	Feet from the 731	East/West line East	County Lea
---------------------------	----------------------	------------------------	---------------------	---------	------------------------------	----------------------------------	-----------------------------	-------------------------------	----------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>Diane Kuykendall</i> Diane Kuykendall Printed Name Production Analyst Title 03/10/03 Date
					¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor:
					Certificate Number