

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-31220

5. Indicate Type of Lease

V-1824

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1824

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

Matador 19 State

2. Name of Operator

Matador Operating Company

8. Well No.

1

3. Address of Operator

801 S. Fillmore, Suite 460, Amarillo, TX 79101

9. Pool name or Wildcat

Grayburg Jackson
(7 Rvs-On-GB-SA)

4. Well Location

Unit Letter L: 1650 Feet From The South Line and 990 Feet From The West Line

Section

19

Township

16S

Range

32E

NMPM

Lea

County

10. Date Spudded

04-29-91

11. Date T.D. Reached

5-8-91

12. Date Compl. (Ready to Prod.)

06-17-91

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

4390' GR

14. Elev. Casinghead

15. Total Depth

4330'

16. Plug Back T.D.

4215'

17. If Multiple Compl. How
Many Zones? 2

18. Intervals
Drilled By

Rotary Tools
X

Cable Tools

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

3668-4122'; Penrose & Premier

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Dual Laterolog; Neutron-Density; GR Correlation

22. Was Well Cored

Yes - selective sidewall

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#	397'	12-1/4"	375 SXS	
5-1/2"	15.5#	4330'	7-7/8"	1000 SXS	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-3/8"	4153'	None

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

3668-3680'; 3684-3690'; .47"; 40 holes

4095-4103'; 4118-4122'; .47"; 28 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3668-3690'	2000 gal 10% NEFE acid
4095-4122'	1100 gal 10% NEFE acid + 10,000 gal My-T Gel + 21,000#

28. **PRODUCTION**

Date First Production 06-22-91	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Producing	
Date of Test 06-23-91	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 6	Gas - MCF TSTM	Water - Bbl. 0	Gas - Oil Ratio TSTM
Flow Tubing Press. --	Casing Pressure --	Calculated 24- Hour Rate	Oil - Bbl. 6	Gas - MCF TSTM	Water - Bbl. 0	Oil Gravity - API - (Corr.) 30° Est.	

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

No gas produced

Test Witnessed By

Conway Barnard

30. List Attachments

Deviation Survey, Open Hole Logs

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

Signature

Les M. Carnes

Printed

Name Les M. Carnes

Title Exec. V.P.

Date 8-1-91

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 <u>1200</u>	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt <u>2400</u>	T. Atoka _____
T. Yates <u>2500</u>	T. Miss _____
T. 7 Rivers <u>2590</u>	T. Devonian _____
T. Queen <u>3370</u>	T. Silurian _____
T. Grayburg <u>3870</u>	T. Montoya _____
T. San Andres <u>4120</u>	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	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 <u>4096</u> to <u>4118</u>	No. 3, from <u>3374</u> to <u>3400</u>
No. 2, from <u>3664</u> to <u>3690</u>	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	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2300	2500	200	Salt & Anhydrite				
2500	2590	90	Sand & Shale				
2590	3370	780	Dolomite & Anhydrite & Salt				
3370	3400	30	Sand				
3400	3666	266	Anhydrite				
3666	4094	328	Anhydrite, Shale, Sand				
4094	4120	26	Sand				
4120	4320	200	Dolomite				

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