

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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-34247

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E5886

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

Lea AQ State

2. Name of Operator
Matador Operating Company

8. Well No.
11

3. Address of Operator
415 W. Wall, Ste. 1101 Midland, TX 79701

9. Pool name or Wildcat
Pearl San Andres West

4. Well Location
Unit Letter M 990 Feet From The South Line and 990 Feet From The West Line
Section 29 Township 19S Range 35E NMPM Lea County

10. Date Spudded 1/10/98 11. Date T.D. Reached 01/22/98 12. Date Compl. (Ready to Prod.) 02/18/98 13. Elevations (DF & RKB, RT, GR, etc.) DF 3743 KB 3744, GR 3732 14. Elev. Casinghead

15. Total Depth 6082' 16. Plug Back T.D. 6050' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By X Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 5764-5860' San Andres 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run DLS/MLS/CNS/PDS/GR-CAL; CBL 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	445	12 1/4	200 sx "C" w/2% CaCl ₂ +1/4 PPS CF 1200 sx	
5 1/2	15.5	6082	7 7/8	3565 Poz/C w/10% salt 6% Gel, 1/4 PPS	
				CF @ 12.7 PPG w/2.04 CFS yld. Tail:	
				200 sx 50/50 Poz H w/10% Salt & 1% FL-62	
				& 0.3% CD-32 @ 14.4 PPG w/ 1.29 CFS yld.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	5600	

26. Perforation record (interval, size, and number)
5764-68, 5814-18, 5829-5837, 5836-5842, 5857-5860 w/4' DPCG w/4SPF, 80 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
5864-5860' 300 gals 15% NEFE
15000 gals WF105 & 10,180 # 20/40 sd, 45,500 gals
YF130 4500 # 100mesh sd 160000# 16/30 Jordan sd

28. PRODUCTION

Date First Production 03/20/98 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2 x 2" x 24' RHBC Well Status (Prod. or Shut-in) Prod.

Date of Test 04/08/98 Hours Tested 24 Choke Size NA Prod'n For Test Period 30 Oil - BbL. 23 Gas - MCF 60 Water - BbL. 767 Gas - Oil Ratio

Flow Tubing Press. NA Casing Pressure 5 Calculated 24-Hour Rate Oil - BbL. Gas - MCF Water - BbL. Oil Gravity - API - (Corr.) 35

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By Hugo Neagele

30. List Attachments
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 Russ Mathis Printed Russ Mathis Title Production Mgr. Date 04/13/98

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 specific 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. Salt (+1953) 1804.0
B. Salt (+493) 3264.0
T. Yates (+307) 3450.0
T. 7 Rivers (-171) 3928.0
T. Queen (-919) 4676.0
T. Grayburg _____
T. San Andres (-1518) 5275.0
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
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. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 5310 to 5880
No. 2, from _____ to _____
No. 3, from _____ to _____
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
Surf	1810.0	1810.0	Redbed				
1804.0	3294.0	1484.0	Salt				
3264.0	5600.0	2306.0	Dolomite, Sd, Anhy				
5600.0	5680.0	80.0	Dolomite				
5680.0	5940.0	260.0	Lime				
5940.0	5950.0	10.0	Dolomite, Sand				
5950.0	6030.0	80.0	Lime, Sand				
6030.0	6100.0	70.0					