

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 Sheet 1 of
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.
30-025-33184
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐	7. Lease Name or Unit Agreement Name Eureka 36 State
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐ Shut in	
2. Name of Operator Matador Operating Company	8. Well No. 1
3. Address of Operator 415 W. Wall, Ste 1101, Midland, TX 79701	9. Pool name or Wildcat N Vacuum Atoka Morrow

4. Well Location Unit Letter <u>F</u> : 1980 Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>16S</u> Range <u>34E</u> NMPM Lea County
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10. Date Spudded 12-7-95	11. Date T.D. Reached 1-16-96	12. Date Compl. (Ready to Prod.) Dry hole 4-29-97	13. Elevations (DF & RKB, RT, GR, etc.) 4042 GR	14. Elev. Casinghead 4042
15. Total Depth 12962	16. Plug Back T.D. 12450	17. If Multiple Compl. How Many Zones? NA	18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐	
19. Producing Interval(s), of this completion - Top, Bottom, Name Dry hole: see perms in Section 26 below				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Neutron/Density DLL				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
13-3/8	48	425	17-1/2	425 sx C1 C 14.8 PPG 1.32 yld	
8-5/8	32	4780	12-1/4	1935 35/65 poz "C" + add 12.7 PPG 2.09 yld	
				250 sx C1 C + add 14.4 PPG 1.32 yld	
5-1/2	17 & 20	12973	7-7/8	550 sx 50/50 poz H @ 14.4 PPG 1.3 yld +380	
				sxs H @ 15.6 PPG 1.21 yld, 2nd stg from 9255	

24. LINER RECORD					25. TUBING RECORD (See sheet 2)		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	11715	11715

26. Perforation record (interval, size, and number) Atoka 12503-518 61 holes .35" Morrow 12827-37 4 SPF .30" hole Strawn 11862-11876	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12503-518	1500 gal Mod 101 acid. Frac'd w/8000 lbs 20/40 sd in 12800 gal 60% CO2 sqz w/ 50 sxs H + 12 sxs Micro Matrix

28. PRODUCTION 12827-37 Acid'z w/ 1000 gal MSR150 (See sheet 2)							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Dry hole				Well Status (Prod. or Shut-in) SI	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

30. List Attachments Deviation report, logs sent in previously

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 Name Russ Mathis Title Production Mgr Date 5/29/97

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 _____	T. Strawn 11838
B. Salt _____	T. Atoka 12503
T. Yates _____	T. Miss NDE
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres 4688	T. Simpson _____
T. Glorieta 6187 MD	T. McKee _____
T. Paddock 6818	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb 7445	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo 8182	T. _____
T. Wolfcamp 9842	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) 11075	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 _____ to _____	No. 3, from _____ to _____
No. 2, 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
4688	6187	1499	Dol, Anhy, Shale				
6187	6818	631	Dol				
6818	7445	627	Dol				
7445	8182	737	Dol, Sand				
8182	9842	1660	Dol, Anh, Lime				
9842	11075	1233	Lime, Shale, Chert				
11075	11838	763	Shale, Lime				
11838	12503	665	Lime, Shale, Sand				
12503	12962	459	Lime, Sand, Shale				