

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**

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

2040 Pacheco St.  
Santa Fe, NM 87505

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

WELL API NO.  
**30-015-29525**

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
**V-1313**

7. Lease Name or Unit Agreement Name  
**MEDANO STATE**

8. Well No.  
**2**

9. Pool name or Wildcat  
**LIVINGSTON RIDGE SOUTH (DELAWARE)**

**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 ☐

2. Name of Operator  
**ARCO Permian**

3. Address of Operator  
**P.O. Box 1610 Midland, TX 79702**

4. Well Location  
Unit Letter **N** : **660** Feet From The **SOUTH** Line and **1980** Feet From The **WEST** Line

Section **36** Township **22S** Range **31E** NMPM **EDDY** County

10. Date Spudded **10/24/89** 11. Date T.D. Reached **5-27-97** 12. Date Compl.(Ready to Prod.) **6-24-97** 13. Elevations(DF & RKB, RT, GR, etc.) **3460** 14. Elev. Casinghead

15. Total Depth **8355** 16. Plug Back T.D. **8310** 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 **8124-8288** 20. Was Directional Survey Made **NO**

21. Type Electric and Other Logs Run **CZD. CNL. DLL. GRL** 22. Was Well Cored **SIDEWALL CORING**

**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#	890	17 1/2"	C1 C - 575 SX	
8-5/8"	45.50#	4455	12 1/4"	C1 C - 1600 SX	
5-1/2"	17/15	8355	7-3/4"	1ST STAGE-C1 C-520 sx	
		DV @ 5517'		2nd STAGE-CL C-330 sx	C1 C 50 sx

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	8146	

**25. TUBING RECORD**

26. Perforation record (interval, size, and number)  
**Perfed 8107-8284 w/24 holes**

27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
**8124-8288** **FRAC W/2250 GAL 15%;**  
**57,000 GAL 10# SLINTE GELL**  
**222,000 #SD**

**28. PRODUCTION**

Date First Production **7-9-97** Production Method (Flowing, gas lift, pumping - Size and type pump) **PUMPING** Well Status (Prod. or Shut-In) **PRODUCING**

Date of Test **7/12/97** Hours Tested **24** Choke Size Prod'n For Test Period Oil - Bbl. **30** Gas - MCF **34** Water - Bbl. **454** Gas - Oil Ratio **1133**  
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) **42.7**

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

30. List Attachments

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 Elizabeth A. Casbeer Printed Name **ELIZABETH A. CASBEER** Title **REG./COMP. ANALYST** Date **8/27/97**

## 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

## Northeastern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <b>4440</b>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand <b>4440</b>	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <b>8300</b>	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 \_\_\_\_\_ to \_\_\_\_\_  
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
			Sand, sur. rock, caliche,