

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

2040 Pacheco St.  
Santa Fe, NM 87505

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

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

WELL API NO.

30-015-29527

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 ☐  
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

7. Lease Name or Unit Agreement Name

BARCLAY STATE

2. Name of Operator

ARCO Permian

8. Well No.

3

3. Address of Operator

P.O. Box 1610 Midland, TX 79702

9. Pool name or Wildcat

LIVINGSTON RIDGE (DELAWARE)

4. Well Location

Unit Letter H : 1980 Feet From The NORTH Line and 660 Feet From The EAST Line

Section 2 Township 23S Range 31E NMPM EDDY County

10. Date Spudded 8/22/97 11. Date T.D. Reached 9/4/97 12. Date Compl.(Ready to Prod.) 9/24/97 13. Elevations(DF & RKB, RT, GR, etc.) 3444 14. Elev. Casinghead

15. Total Depth 8450 16. Plug Back T.D. 8403 17. If Multiple Compl. How Many Zones? 1 18. Intervals Drilled By X Rotary Tools Cable Tools

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

8059-8187(LOWER BRUSHY CANYON)

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

GR-DDL-CNL-NGT-LDT

22. Was Well Cored

NO

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	845	17-1/2	775 SX CLASS "C" CIRC.	0
8-5/8	32	4420	12-1/4	1300 SX CLASS C CIRC.	0
5-1/2	17	8450	7-7/8	875 SX CLASS CMT	0
				DV 05476' TOC 3700' CALC	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	8017'

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

8059-8187 1 SPF2F - 28 HOLES

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

8059-8187

ACID W/2000 GAL 7-1/2X; FRAC

W/22000 GAL VIKI-30; 55.000 #SD

PRODUCTION

28. Date First Production 9/25/97 Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING Well Status (Prod. or Shut-in) PRODUCING

Date of Test 10/9/97 Hours Tested 24 Choke Size 116 Prod'n For Test Period 74 Oil - Bbl. 229 Gas - MCF 638 Water - Bbl. 41.6 Gas - Oil Ratio

Flow Tubing Press. 200 Casing Pressure 50 Calculated 24-Hour Rate 41.6 Oil Gravity - API (Corr.)

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

VENTED

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 10/13/97

## 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 4430	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 4458	T. Todilto	T.
T. Drinkard	T. Bone Springs 8322	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	From	To	Thickness in Feet	Lithology