

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

CISF
Rbm
Bm
std

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-015-30810

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

BARCLAY STATE

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

8. Well No.

9

3. Address of Operator

P.O. Box 1610 Midland, TX 79702

9. Pool name or Wildcat

LIVINGSTON RIDGE SOUTH (DELAWARE)

4. Well Location

Unit Letter 2 : 660 Feet From The NORTH Line and 1980 Feet From The EAST Line

Section 2 Township 23S Range 31E NMPM EDDY County

10. Date Spudded

3/18/00

11. Date T.D. Reached

4/3/00

12. Date Compl. (Ready to Prod.)

4/20/00

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

3439

14. Elev. Casinghead

15. Total Depth

8600

16. Plug Back T.D.

8350

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

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

L. CHERRY CANYON, U. BRUSHY CANYON, L. BRUSHY CANYON

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

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	895	17-1/2	700 SX CL C	0
8-5/8	32	4479	12-1/4	1800 SX CL C	0
5-1/2	17	8600	7-7/8	860 SX CL C	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	7205	

25. TUBING RECORD

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

6560-6566 2 SPF, 6928-6933 1 SPF, 7005-7029 8 HOLES,
8186-8220 1 SPF, 8397-8556 1 SPF

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

8397-8556

CIBP @ 8350'

8186-8220

30000 GAL VIK I-25; 43360 # SD

6928-7029

27500 GAL VIK I-25; 69100 # SD

28. PRODUCTION

Date First Production

4/24/00

Production Method (Flowing, gas lift, pumping - Size and type pump)

PUMPING

Well Status (Prod. or Shut-in)

PRODUCING

Date of Test
4/27/00

Hours Tested
24

Choke Size

Prod'n For
Test Period

Oil - Bbl.
43

Gas - MCF
57

Water - Bbl.
16

Gas - Oil Ratio
1326

Flow Tubing Press.
300

Casing Pressure
120

Calculated 24-
Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API -(Corr.)

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

SOLD

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

Laurie Cherry

Printed
Name

LAURIE CHERRY

Title

REG./COMP. ASST.

Date 5/25/00

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 _____	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 <u>4430</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <u>8274</u>	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