

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88240
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

New Mexico

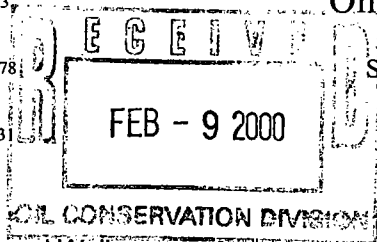
Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

1609 Form C-142
Date 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE



APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address ARCO Permian P. O. Box 1610 Midland, Texas 79702								OGRID Number 000990	
Contact Party <u>LAURIE CHERRY</u>								Phone <u>915-688-5532</u>	
Property Name <u>BARCLAY FEDERAL</u>						Well Number <u>18</u>		API Number <u>30-015-30283</u> 30820	
UL <u>J</u>	Section <u>1</u>	Township <u>23S</u>	Range <u>31E</u>	Feet From The <u>1800</u>	North/South Line <u>SOUTH</u>	Feet From The <u>1720</u>	East/West Line <u>EAST</u>	County <u>ENDU</u>	

II. Date/Time Information

Spud Date <u>11-16-99</u>	Spud Time	Date Completed <u>12-21-99</u>	Pool <u>LIVINGSTON RIDGE (DEL)</u>
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of TEXAS)
County of MIDLAND) ss.

LAURIE CHERRY, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature Laurie Cherry Title Reg/Comp. Asst. Date 1-26-00

SUBSCRIBED AND SWORN TO before me this 26 day of JANUARY, 00.



LEIGH ANN LANE
Notary Public, State of Texas
My Commission Expires: 12-12-2000

Leigh Ann Lane
Notary Public

My Commission expires: _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Bailey</u>	Title <u>P.E. Spee.</u>	Date <u>FEB 21 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/21/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV2V2010849003

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30 2000

5. Lease Serial No.

NM-22080

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BARCLAY FEDERAL

18

9. API Well No.

015-11111 30820

10. Field and Pool, or Exploratory Area
LIVINGSTON RIDGE (DEL)

11. County or Parish, State

EDDY

NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ARCO Permian

3a. Address

P.O. BOX 1610, MIDLAND, TX 79702

3b. Phone No. (include area code)

915-688-5532

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FSL, 1720' FEL
SEC 1, T23S, R31E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other <u>SPUD AND SET</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>CASING</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

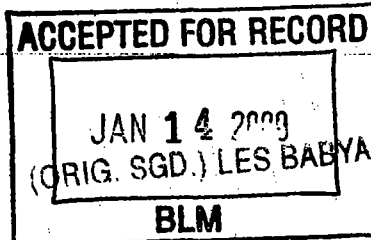
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

11-16-99 - MIRU SPUD 17-1/2" HOLE. DRILL FROM 40' TO 210'.

11-18-99 - SET 13-3/8" 48# CASING @ 861 W/500 SX 35:65:6 CEMENT AND 200 SX "C". CIRC. 234 SX TO PIT. WOC 18 HRS.

11-25-99 - SET 8-5/8" 32# CASING @ 4460 W/1200 SX 35:65:6 CMT AND 200 SX CLASS "C" CEMENT. CIRC. 195 SX TO PIT. WOC 19 HRS.

12-2-99 - SET 5-1/2" 17 # CASING @ 8472' W/500 SX 35:65:6 CMT AND 400 SX "H" CEMENT. TOC 2800' TS.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Title

REG./COMP. ASSISTANT

Date 12/28/99

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE
OPERATOR'S COPY
See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-22080

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

BARCLAY FEDERAL

18

9. API WELL NO.

30-015-30233

30820

10. FIELD AND POOL, OR WILDCAT

LIVINGSTON RIDGE (DEL)

11. SEC. T., R. M., OR BLK
AND SURVEY OR AREA

1-23S-31E

12. COUNTY OR
PARISH

EDDY

13. STATE

NM

1a. TYPE OF WELL:

OIL
WELL ☒GAS
WELL ☐DRY ☐

Other _____

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

Other _____

2. NAME OF OPERATOR

ARCO Permian

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1610, Midland, TX 79702

915-688-5532

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1800' FSL, 1720' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

13. STATE

15. DATE SPUDDED

11/16/99

16. DATE T.D. REACHED

12/1/99

17. DATE COMPL. (Ready to prod.)

12/21/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3517'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8472'

21. PLUG, BACK T.D., MD & TVD

8352'

22. IF MULTIPLE COMPL.
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

SEE ATTACHED

25. WAS DIRECTIONAL
SURVEY MADE

N

26. TYPE ELECTRIC AND OTHER LOGS RUN

CPN-GR, GR

27. WAS WELL CORED

N

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8 4-40	48	861	17-1/2	CIRC	NA
8-5/8 J-55	32	4460	11	CIRC	NA
5-1/2 J-55	17	8477	7-7/8	2800' TS	NA

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	7494	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED

33.* PRODUCTION

DATE FIRST PRODUCTION

12-21-99

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

PUMPING

WELL STATUS (Producing or shut-in)

PRODUCING

DATE OF TEST

12/29/99

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

OIL - BBL

121

GAS - MCF

52

WATER - BBL

503

GAS - OIL RATIO

FLOW, TUBING PRESS.

300

CASING PRESSURE

65

CALCULATED
24-HOUR RATE

OIL - BBL

GAS - MCF

WATER - BBL

OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Laurie Cherry

TITLE REGULATORY COMPLIANCE

DATE 1/10/00

*(See Instructions and Spaces for Additional Data on Reverse Side)

**BARCLAY FEDERAL LEASE
EDDY COUNTY, NEW MEXICO**

WORKING INTEREST OWNERS

Atlantic Richfield Company	100%
P. O. Box 1610	
Midland, Texas 79702	