

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

1621 Form C-142
Date 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

OIL CONSERVATION DIVISION

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 LAURIE CHERY							Phone 915-688-5532	
Property Name BARCLAY FEDERAL					Well Number 20		API Number 30-015-30821	
UL P	Section 1	Township 23S	Range 31E	Feet From The 660	North/South Line SOUTH	Feet From The 660	East/West Line EAST	County EDDY

II. Date/Time Information

Spud Date 12-3-99	Spud Time	Date Completed 1-11-00	Pool LIVINGSTON RIDGE (DEL)
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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)

LAURIE CHERY, 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 Chery Title Reg. / Comp. Asst. Date 1-26-00

SUBSCRIBED AND SWORN TO before me this 26th day of January, 2000.



LEIGH ANN LANE

Notary Public, State of Texas

My Commission Expires: 12-12-2000 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 Sahlin</u>	Title <u>P.E. Spec.</u>	Date <u>MAR 13 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 3/13/00

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

PV2V2010850134

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(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

20

9. API WELL NO.

30-015-30821

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

660' FSL, 660' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-3-99

16. DATE T.D. REACHED

12-17-99

17. DATE COMPL. (Ready to prod.)

1-6-00

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

3506'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8490

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

8388

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	48	860	17-1/2	CIRC	NA
8-5/8	32	4466	11	CIRC	NA
5-1/2	17	8490'	7-7/8	2850' TS	NA

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-7/8	7883

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		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)					WELL STATUS (Producing or shut-in)	
		PUMPING					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO	
1/11/00	24			180	114	575	633	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)		
325	180					36.6		

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

SOLD

TEST WITNESSED BY

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 1/13/00

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

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.

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

20

9. API Well No.

015-30821

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.)

12-3-99 - MIRU SPUD 17-1/2" HOLE. DRILL FROM 40' TO 350'.

12-5-99 - SET 13-3/8" 48# H-40 CASING @ 860 W/500 SX 35:65:6 CEMENT AND 200 SX "C". CIRC.
200 SX TO PIT. WOC 18 HRS.

12-11-99 - SET 8-5/8" 32# J-55 CASING @ 4466 W/1035 SX 35/65/6 CMT AND 200 SX CLASS
"C" CEMENT. CIRC. 400 SX TO PIT. WOC 19 HRS.

12-19-99 - SET 5-1/2" 17# J-55 CASING @ 8490' W/500 SX 35/65/6 CMT AND 400 SX
"H" CEMENT. TOC 2850' TS.

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

Title

REG./COMP. ASSISTANT

Date

12/28/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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)

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

WORKING INTEREST OWNERS

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

100%