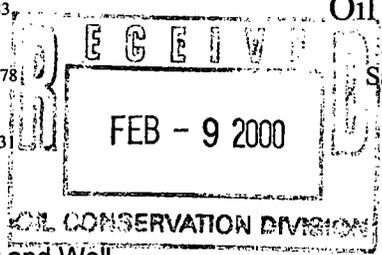


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88240
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

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
Contact Party: LAURIE CHERRY, Phone: 915-688-5532
Property Name: BARCLAY FEDERAL, Well Number: 18, API Number: 30-015-30283 30820
Table with columns: UL, Section, Township, Range, Feet From The, North/South Line, Feet From The, East/West Line, County

II. Date/Time Information

Spud Date: 11-16-99, Spud Time, Date Completed: 12-21-99, Pool: LIVINGSTON RIDGE (DEU)

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:

Affidavit section containing state and county information (TEXAS, MIDLAND), signature of Laurie Cherry, and notary public information (Leigh Ann Lane, Notary Public, State of Texas, My Commission Expires: 12-12-2000)

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

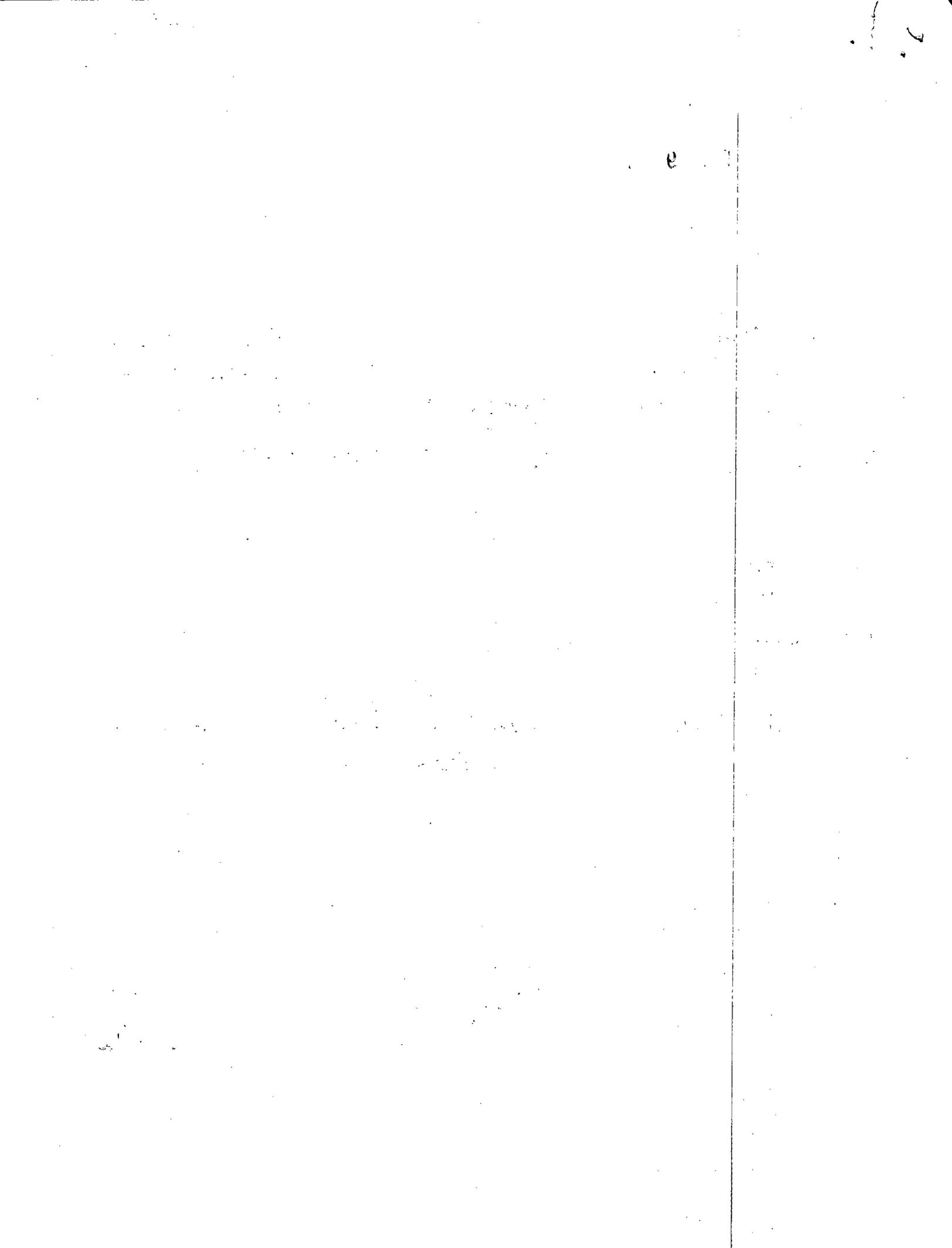
This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature: Mark [unclear], Title: P.E. Spee, Date: FEB 21 2000

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 recomplate 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 recomplate 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.

ACCEPTED FOR RECORD
JAN 14 2000
(ORIG. SGD.) LES BABYAK
BLM

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 MANAGEMENT**

OPERATOR'S COPY
SUBMIT IN DUPLICATE
See instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 23, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-22080	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ARCO Permian		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702 915-688-5532		8. FARM OR LEASE NAME, WELL NO. BARCLAY FEDERAL 18	
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		9. API WELL NO. 30-015-30203 30820	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 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		10. FIELD AND POOL OR WILDCAT LIVINGSTON RIDGE (DEL)	
20. TOTAL DEPTH, MD & TVD 8472'		21. PLUG, BACK T.D., MD & TVD 8352'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →	
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 H-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				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	7494	

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**

ACCEPTED FOR RECORD
TEST WITNESSED BY
JAN 14 2000
ORIG. SGD.) LES BABYAK
BLM

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

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

WORKING INTEREST OWNERS

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

100%