

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address ARCO PERMIAN P.O. BOX 1610		² OGRID Number 000990
⁴ Property Code 20761	⁵ Property Name BARCLAY STATE	³ API Number 30-0 15 31077
		⁶ Well No. 5

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
G	2	23S	31E		1980	NORTH	1980	EAST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
⁹ Proposed Pool 1 LIVINGSTON RIDGE (DELAWARE) South					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3429
¹⁶ Multiple NO	¹⁷ Proposed Depth 8600	¹⁸ Formation DELAWARE	¹⁹ Contractor	²⁰ Spud Date 4/00

Minimum WOC time 8 hrs.

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	860	775	SURF
12-1/4	8 5/8	32	4600	1800	SURF
7 7/8	5 1/2	15.5/17	8450	860	4500

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Subject well planned as a 8450' straight hole.
3000 psi BOPE will be used from 860' to TD.

An APD for this well was previously approved on 8/15/97 and expired 8/15/98.

Notify OCD at SPUD & TIME
to witness cementing the
13 3/8" 8 5/8" casing.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Laurie Cherry
Printed name: LAURIE CHERRY

Title: REG. COMPLIANCE

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUN
DISTRICT II SUPERVISOR

Title:

Approval Date: 4-14-00

Expiration Date: 4-14-01

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

DISTRICT II
P.O. Drawer 20, Artesia, NM 88211-0710

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29793	Pool Code	Pool Name LIVINGSTON RIOBE (DELAWARE)
Property Code 20761	Property Name BARCLAY STATE	Well Number 5
OGRID No. 000990	Operator Name ARCO PERMIAN	Elevation 3429

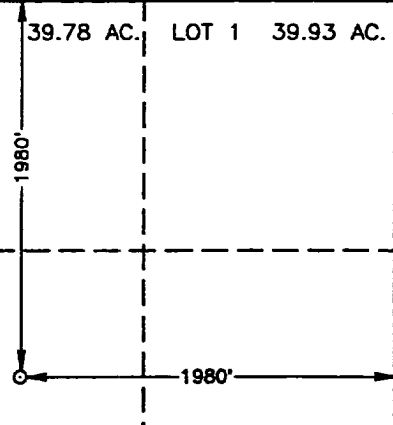
Surface Location

UL or lot No. G	Section 2	Township 23 S	Range 31 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line EAST	County EDDY
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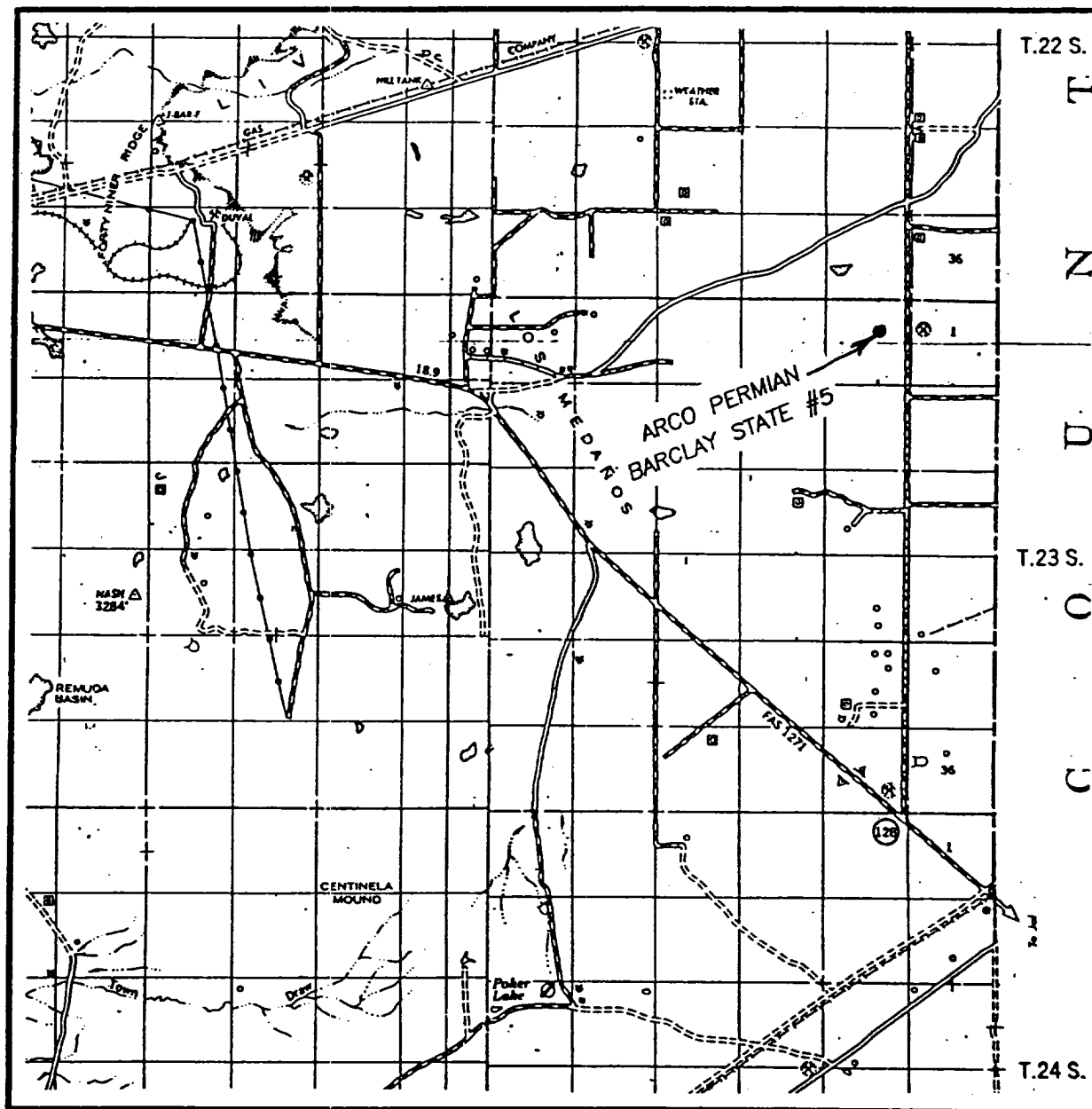
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4 39.49 AC.	LOT 3 39.64 AC.	LOT 2 39.78 AC.	LOT 1 39.93 AC.
			
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Laurie Cherry</u> Printed Name: <u>Laurie Cherry</u> Title: <u>Reg. Comp. Asst.</u> Date: <u>3/29/00</u>			
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. AUGUST 7, 1997 Date Surveyed: _____ JLP Signature and Seal of Professional Surveyor: <u>Ronald J. Eidson</u> Professional Surveyor No. 841-97 W.O. Num. 97-11305 Certificate No. JOHN W. WEST, 578 RONALD J. EIDSON, 3238 PROFESSIONAL SURVEYOR, 12641			

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 23-S RGE. 31-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 1980' FNL & 1980' FEL
 ELEVATION 3429'
 OPERATOR ARCO PERMIAN
 LEASE BARCLAY STATE

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117