

District I
P.O. Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
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 Apache Corporation Attn: Dennis Bickford 2000 Post Oak Blvd. Ste. 100 Houston, Texas 77056-4400		2 OGRID Number 873
4 Property Code 22503		3 API Number 30-025- 34798
5 Property Name Northeast Drinkard Unit		6 Well No. 416

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
K	10	21-S	37-E		2304	South	1431	West	Lea

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 Eunice; Blinebry-Tubb-Drinkard, North					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code P	15 Ground Level Elevation 3457 KB
16 Multiple	17 Proposed Depth 6800'	18 formation Blinebry/Drinkard	19 Contractor ASAP	20 Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24# K55 STC	1300' or Anhydrite Form.	585 sxs	Circulate to Surf
7 7/8"	5 1/2"	17# K55 LTC	6800'	477 sxs Class "C"	Circulate to Surf
				+360 sxs 50/50 Pozmix	

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.

Propose to drill 12 1/4" hole to 1300' or 50' into Anhydrite, run & set 1300' of 8 5/8" and cement, circulate to surface

Lead: 400 sxs Class "C" +2%bwow Cal. Chloride + additives

Tail: 185 Class "C" +2%bwow Cal. Chloride + additives

Drill 7 7/8" hole to 6800', run & set 6800' of 5 1/2" and cement, (caliper + 20%) circulate to surface.

Lead: 477 sxs(36:65)Poz (Fly Ash) Class "C" +2%bwow Cal. Chloride + additives

Tail: 360 sxs(50:50)Poz (Fly Ash) Class "H" +2%bwow Sod. Chloride + additives

Blow Out Prevention: See attached copy

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

Signature: <i>Everett Ouzts</i> 12/15/99	OIL CONSERVATION DIVISION ORIGINAL SIGNED BY CHIEF OF DISTRICT WILLIAMS Approved by: <i>[Signature]</i> DISTRICT SUPERVISOR	
Printed Name: Everett Ouzts	Title	
Title: Engineering Technician	Approval: <i>DEC 17 1999</i>	Expiration Date:
Date: 2/13/99	Phone: 915-631-3733	Conditions on Approval:

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Geology, 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

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

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 34798	Pool Code 22900	Pool Name Eunice; Blinbry-Tubb-Drinkard, North
Property Code 22503	Property Name N.E.D.U.	Well Number 416
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3457

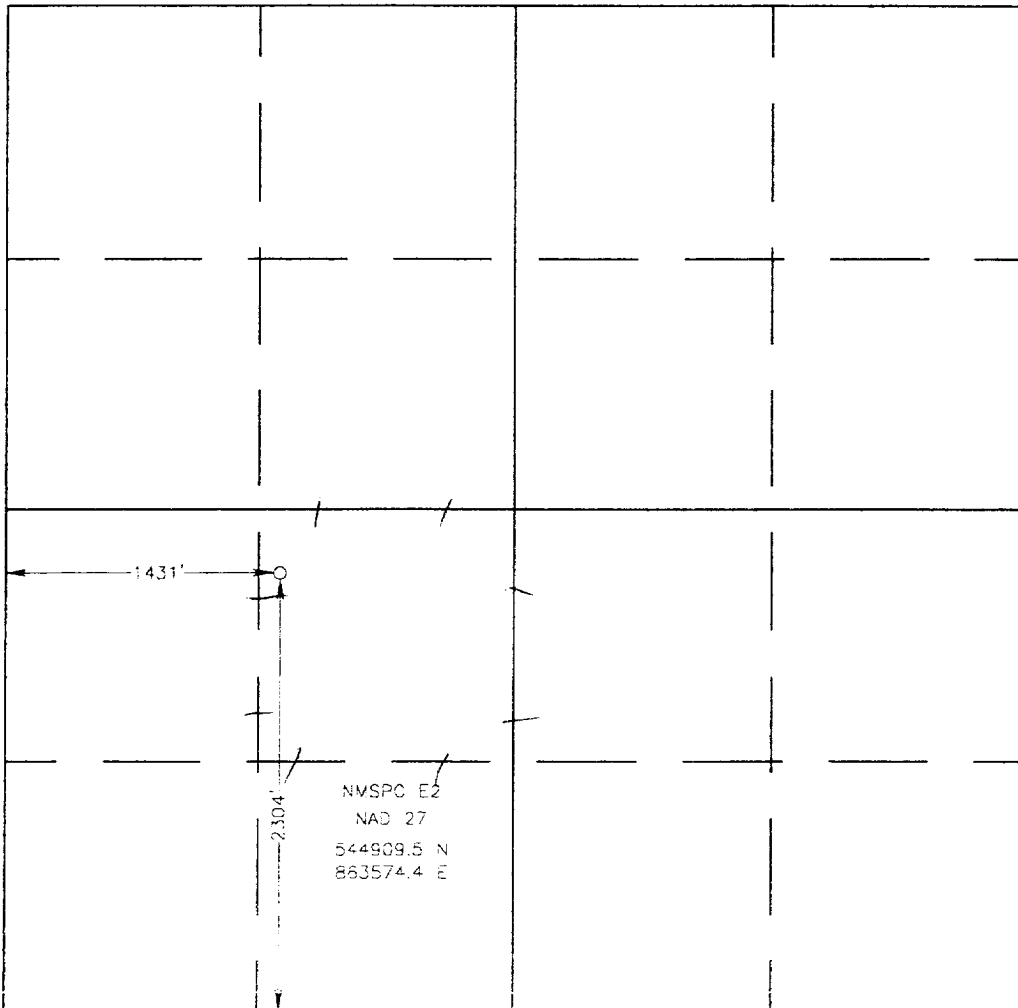
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	10	21 S	37 E		2304	SOUTH	1431	WEST	LEA

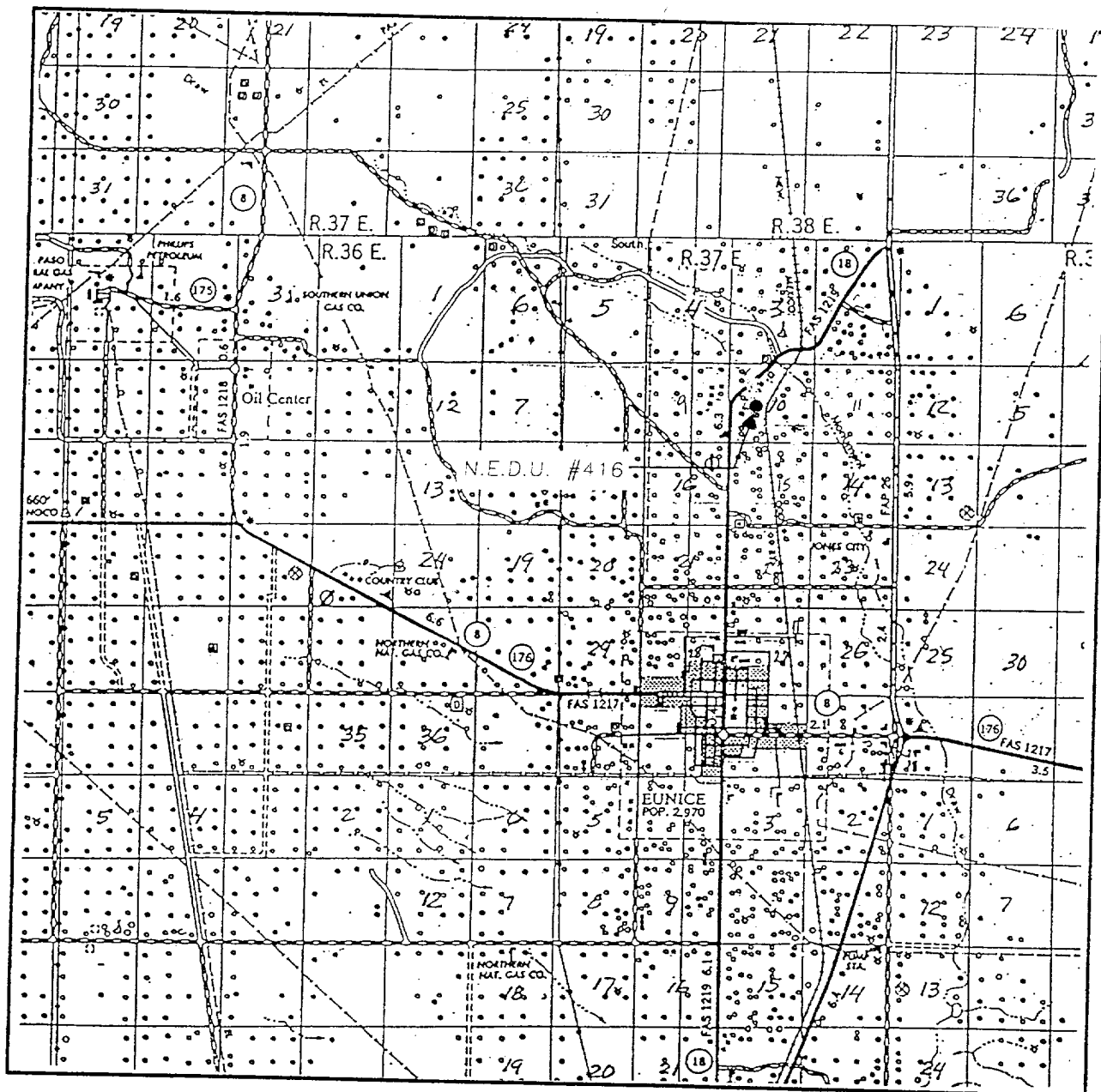
Bottom Hole Location If Different From Surface

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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <u>Everett Ouzts</u> Signature Everett Ouzts Printed Name Eng. Tech. Title 12-13-99 Date
	SURVEYOR CERTIFICATION <i>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.</i> NOVEMBER 22-29, 1999 Date Surveyed Signature & Seal of Professional Surveyor <u>Gary J. Eidson</u> 12/8/99 99-1-0994 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON-McDONALD 12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 10 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2304' FSL & 1431' FWL

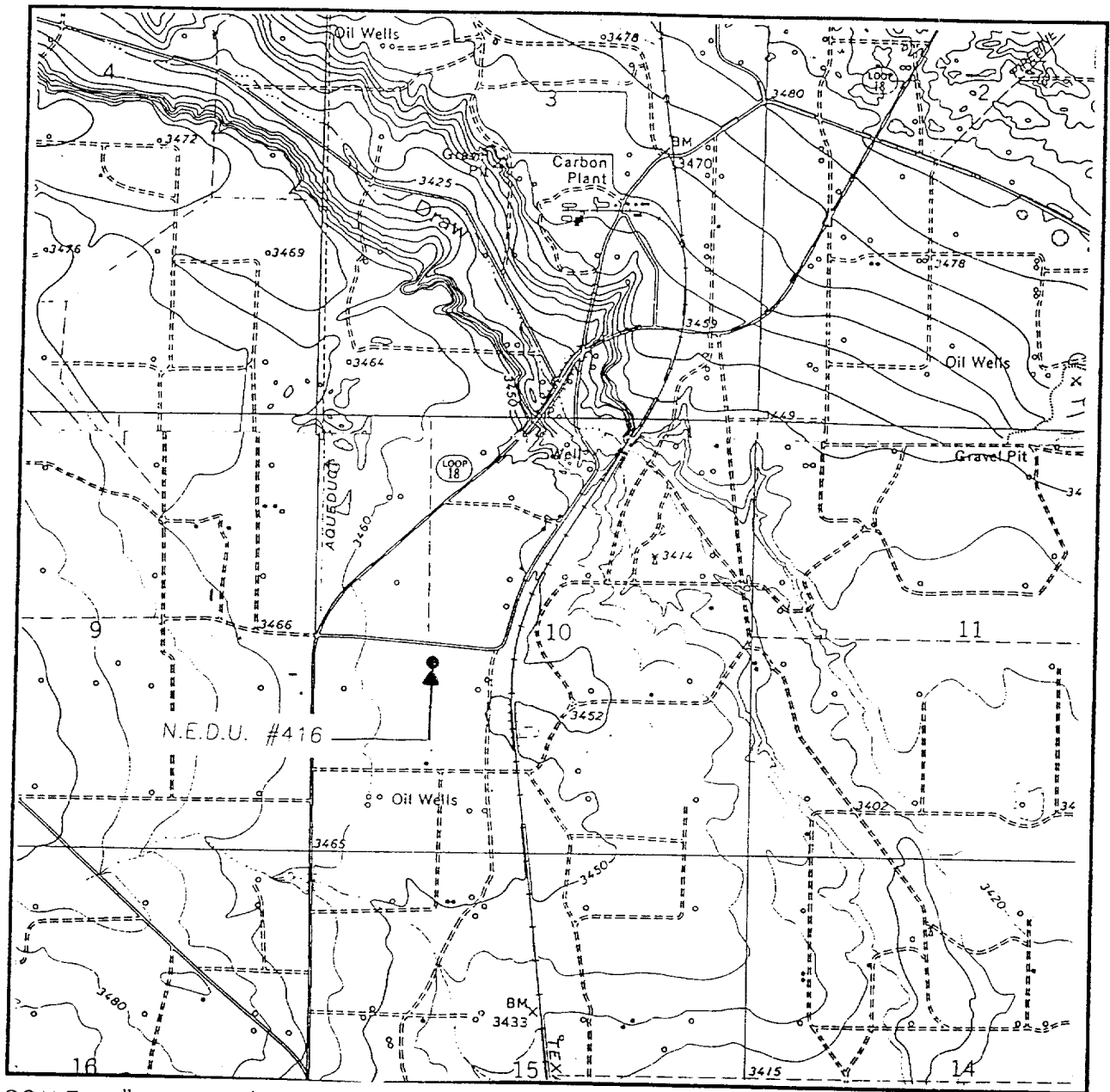
ELEVATION 3457

OPERATOR APACHE CORPORATION

LEASE N.E.D.U.

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS SW - 5'
EUNICE - 10'

SEC. 10 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2304' FSL & 1431' FWL

ELEVATION 3457

OPERATOR APACHE CORPORATION

LEASE N.E.D.U.

U.S.G.S. TOPOGRAPHIC MAP
HOBBS SW, EUNICE, N.M.

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

Apache Corporation

WESTERN REGION

NEDU

Eunice; Blinberry-Tubb-Drinkard, North
LEA COUNTY, NEW MEXICO

DESIGNED BY	DESIGNED BY	DATE
FILED IN	CHECKED BY	LAST REVISION

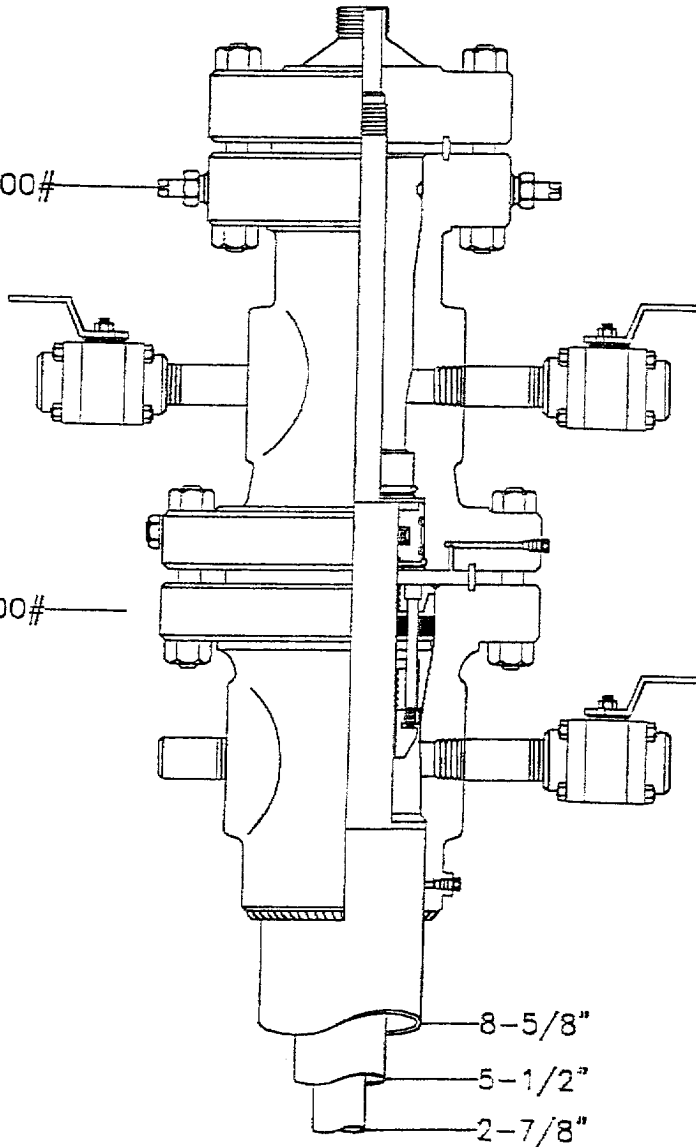
7-1/16" 3,000#

11" 3,000#

8-5/8"

5-1/2"

2-7/8"



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

4/17/00