

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

1. Operator Name and Address APACHE CORP 6120 S. Yale, Suite 1500 Tulsa, OK 74136-4224		2. OGRID Number 873
		3. API Number 30-025-37509
4. Property Code 26467	5. Property Name E W WALDEN	6. Well No. 015

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	15	22S	37E	D	870	N	990	W	LEA

8. Pool Information

PENROSE SKELLY;GRAYBURG	50350
EUNICE;SAN ANDRES, SOUTHWEST	24180

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3397
14. Multiple Y	15. Proposed Depth 4350	16. Formation San Andres	17. Contractor	18. Spud Date 10/14/2005
Depth to Ground water 80		Distance from nearest fresh water well > 1000		Distance to nearest surface water 600
Pit: Liner: Synthetic ☒ 12 miles thick Clay ☐ Pit Volume: 7105 bbls Drilling Method: Closed Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	24	400	290	
Prod	7.875	5.5	17	4350	950	

Casing/Cement Program: Additional Comments

--

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ , a general permit ☒ , or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/14/2005	Expiration Date: 10/14/2006
	Conditions of Approval Attached	

Printed Name: Electronically filed by Lana Williams	
Title: Drilling Clerk	
Email Address: lana.williams@apachecorp.com	
Date: 10/12/2005	Phone: 918-491-4900

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37509	2. Pool Code 50350	3. Pool Name PENROSE SKELLY;GRAYBURG
4. Property Code 26467	5. Property Name E W WALDEN	6. Well No. 015
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3397

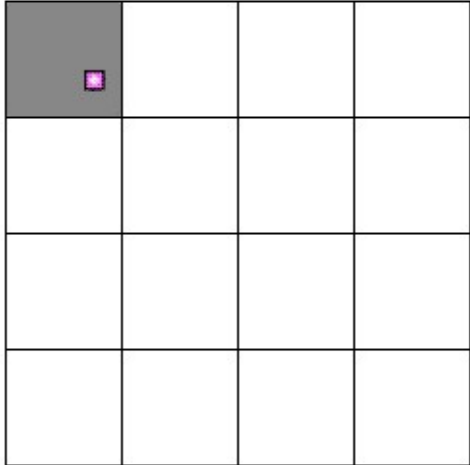
10. Surface Location

UL - Lot D	Section 15	Township 22S	Range 37E	Lot Idn D	Feet From 870	N/S Line N	Feet From 990	E/W Line W	County LEA
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. 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> E-Signed By: Lana Williams Title: Drilling Clerk Date: 10/12/2005
	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> Surveyed By: GARY EIDSON Date of Survey: 10/11/2005 Certificate Number: 12641

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37509	2. Pool Code 24180	3. Pool Name EUNICE,SAN ANDRES, SOUTHWEST
4. Property Code 26467	5. Property Name E W WALDEN	6. Well No. 015
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3397

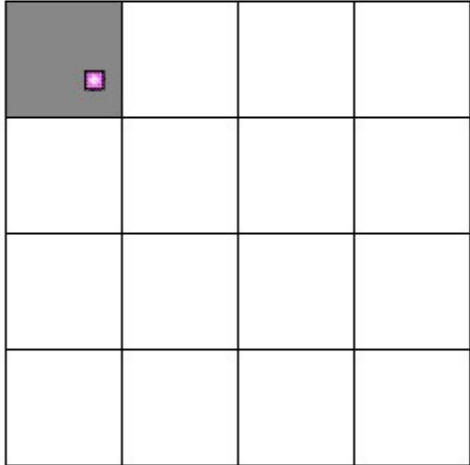
10. Surface Location

UL - Lot D	Section 15	Township 22S	Range 37E	Lot Idn D	Feet From 870	N/S Line N	Feet From 990	E/W Line W	County LEA
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. 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> E-Signed By: Lana Williams Title: Drilling Clerk Date: 10/12/2005
	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> Surveyed By: GARY EIDSON Date of Survey: 10/11/2005 Certificate Number: 12641

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: E W WALDEN #015

API: 30-025-37509

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBERG, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 80210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37509	Pool Code 24180	Pool Name Eunice San Andres Southwest
Property Code 26467	Property Name WALDEN	Well Number 15
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3397'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	22-S	37-E		870	NORTH	990	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

	GEODETIC COORDINATES NAD 27 NME Y=510000.7 N X=863459.3 E LAT.=32°23'47.78" N LONG.=103°09'20.89" W	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Lana Williams</i> Signature <i>Lana Williams</i> Printed Name <i>Sr. Dept. Clerk</i> Title <i>10/12/05</i> Date
		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. OCTOBER 11, 2005 Date Surveyed _____ LA Signature <i>Ronald J. Edson</i> Professional Surveyor <i>10/12/05</i> Date Certificate No. <i>RONALD J. EDSON 3239</i>

DISTRICT I

1625 N. FURNICH DR., HOBBES, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESTA, NM 86210

DISTRICT III

1000 Rio Brazos Ed., Artec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name WALDEN	Well Number 15
OGRID No.	Operator Name APACHE CORPORATION	Elevation 3397'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	22-S	37-E		870	NORTH	990	WEST	LEA

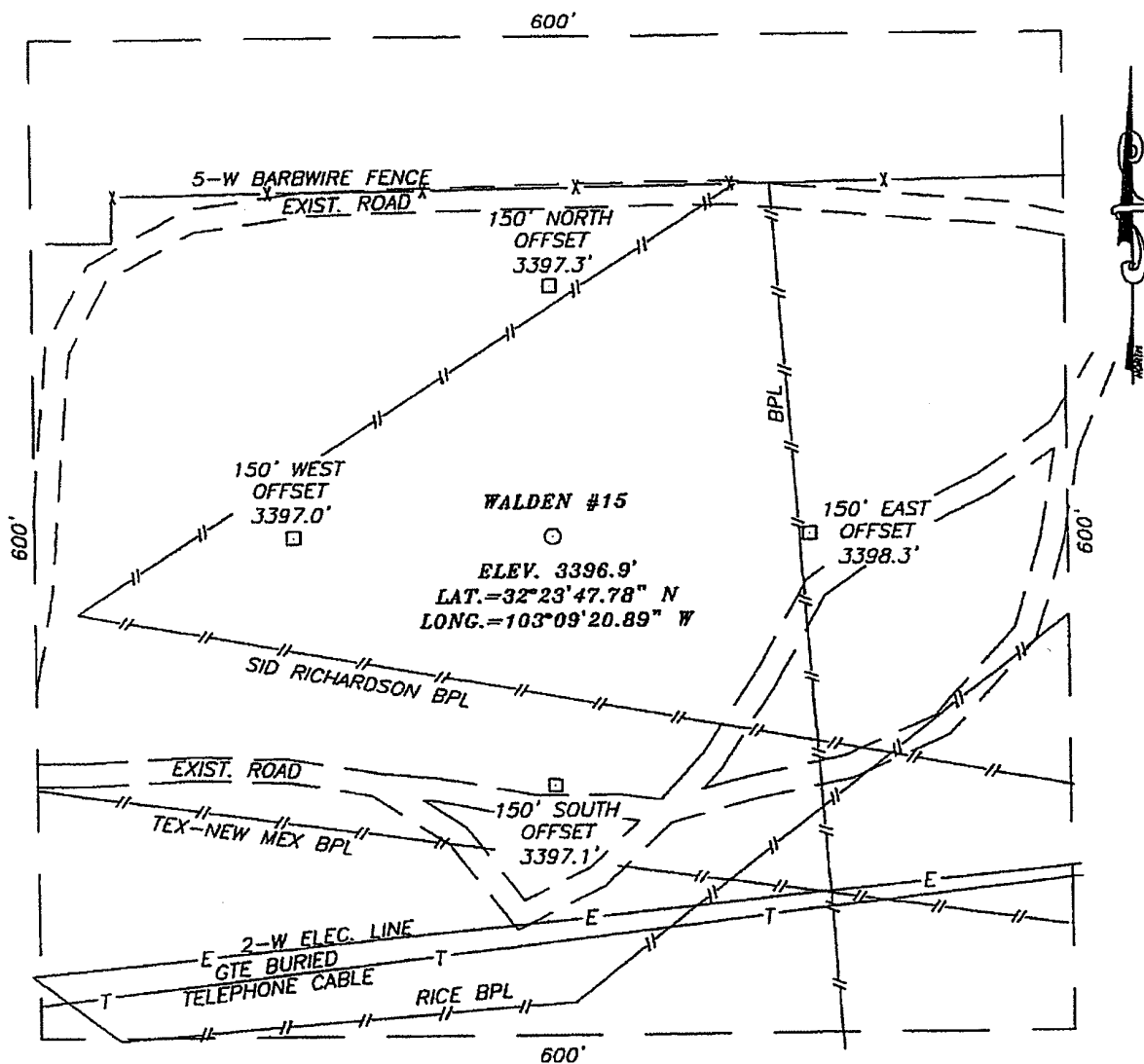
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	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

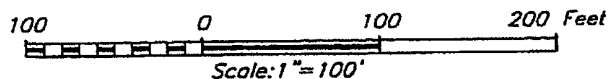
	OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. <u>Lana Williams</u> Signature <u>Lana Williams</u> Printed Name <u>Sr. Dept. Clerk</u> Title <u>10/12/05</u> Date
	SURVEYOR CERTIFICATION I hereby certify that the well 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. OCTOBER 11, 2005 Date Surveyed Signature & Seal of Professional Surveyor <u>Ronald J. Edson</u> 10/12/05 05.11.1418
	Certificate No. RONALD J. EDSON 3239

SECTION 15, TOWNSHIP 22 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

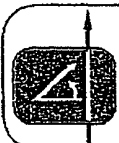
FROM THE INTERSECTION OF ST. HWY. #207
 (EUNICE LOOP) AND CO. RD. #21 (DELAWARE
 BASIN) GO SOUTH ON ST. HWY. #207 FOR
 APPROX. 0.15 MILES. TURN LEFT AND GO EAST
 APPROX. 0.2 MILES. THIS LOCATION IS APPROX.
 150' NORTH OF ROAD.



APACHE CORPORATION

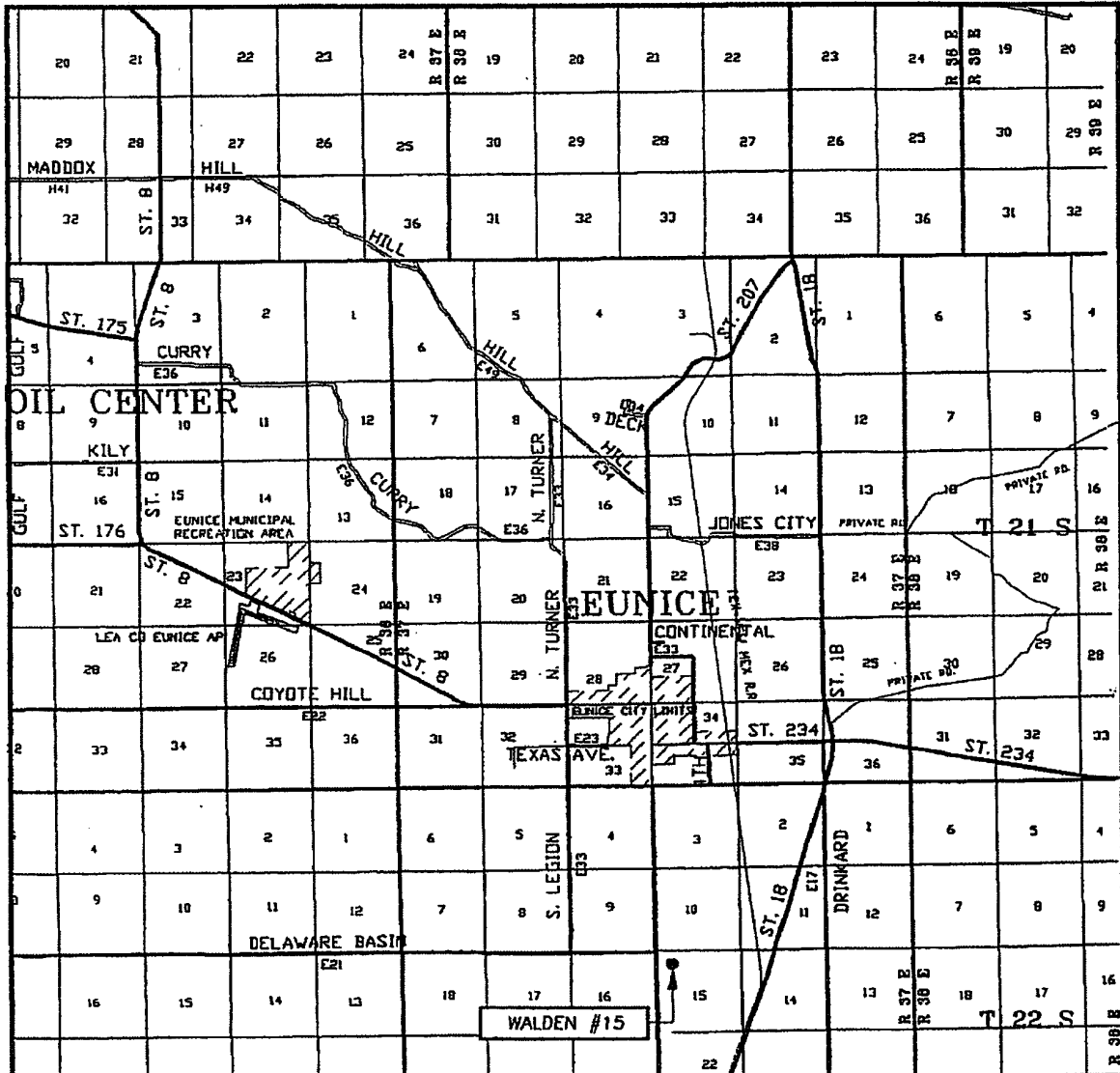
WALDEN #15 WELL
 LOCATED 870 FEET FROM THE NORTH LINE
 AND 990 FEET FROM THE WEST LINE OF SECTION 15,
 TOWNSHIP 22 SOUTH, RANGE 37 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 10/11/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.1418	Dr By: LA
Date: 10/12/05	Disk: CD#4
05111418	Scale: 1"=100'



PROVIDING SURVEYING SERVICES
 SINCE 1898
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 15 TWP. 22-S RGE. 37-E

SURVEY N.M.P.M.

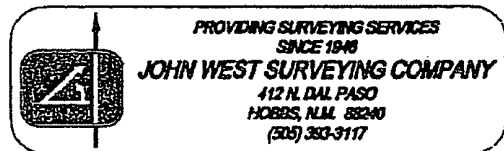
COUNTY LEA

DESCRIPTION 870' FNL & 990' FWL

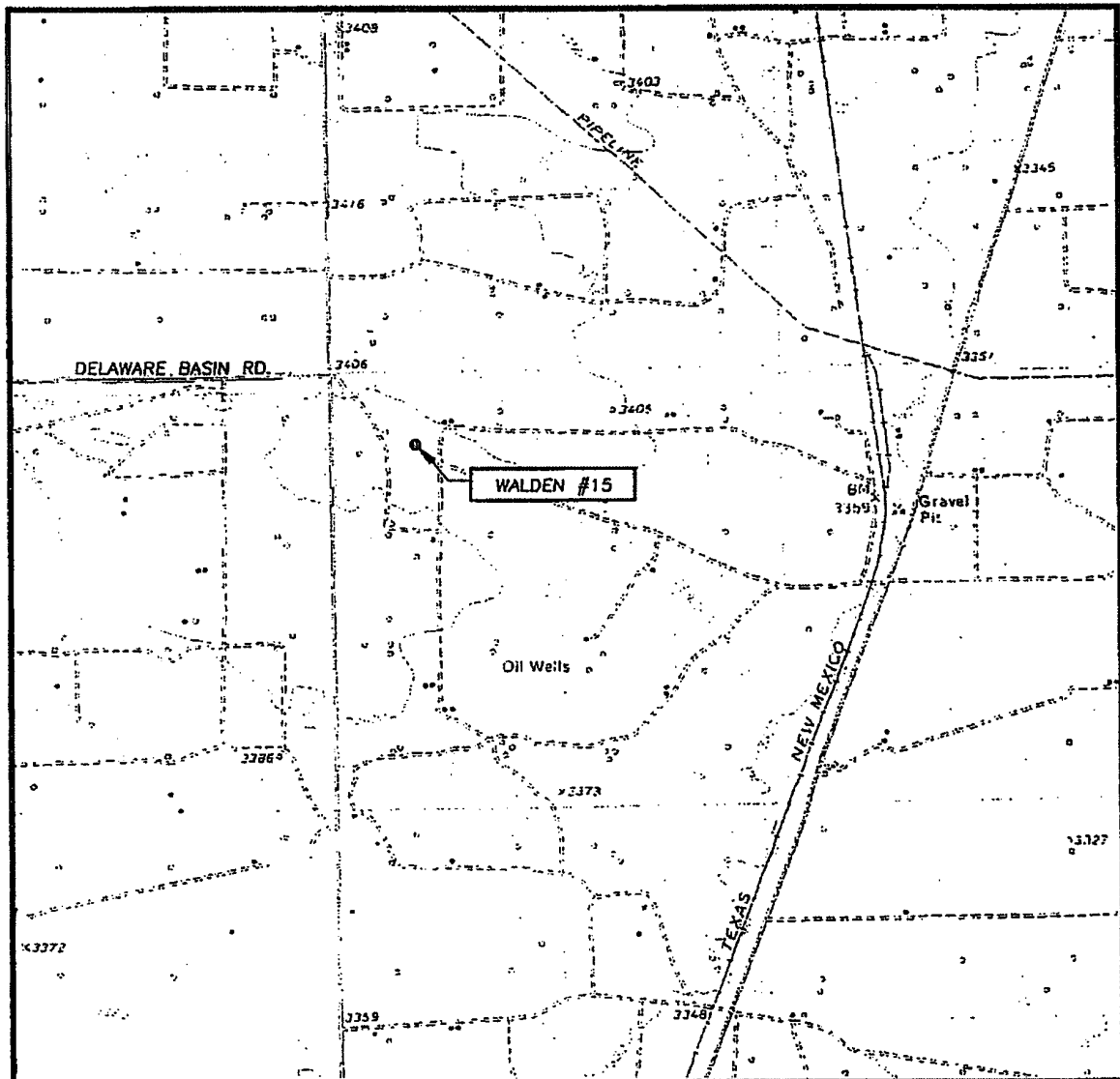
ELEVATION 3397'

OPERATOR APACHE CORPORATION

LEASE WALDEN



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
EUNICE, N.M. - 10'

SEC. 15 TWP. 22-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY _____ LEA _____

DESCRIPTION 870' FNL & 990' FWL

ELEVATION 3397'

OPERATOR APACHE CORPORATION

LEASE WALDEN

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

