

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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

Operator Name and Address ARCH PETROLEUM, INC. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		OGRID Number 962
Property Code 14929		API Number 30-025-36106
Property Name W.M. RINEWALT		Well No. 4

Surface Location

UL or lot no. E	Section 4	Township 22S	Range 37E	Lot Idn	Feet from the 1930'	North/South line NORTH	Feet from the 530'	East/West line WEST	County LEA
--------------------	--------------	-----------------	--------------	---------	------------------------	---------------------------	-----------------------	------------------------	---------------

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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Proposed Pool 1 EUNICE SAN ANDRES, (24150) 24180 SW	Proposed Pool 2
---	-----------------

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3440' GR.
Multiple NO	Proposed Depth 4000'	Formation SAN ANDRES	Contractor UNKNOWN	Spud Date WHEN APPROVED

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TCC
25"	20"	Conductor	40'	Redi-mix	Surface
12 1/2"	8 5/8"	32	1100'	650 Sx.	Surface
7 7/8"	5 1/2"	15.5	4000'	750 Sx.	750' F.Surface

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 12 1/2" hole to 1100'. Run and set 1100' of 8 5/8" 32# J-55 ST&C casing. Cement with 650 Sx. of Class "C" cement + 1/4# Flocele/Sx, + 2% CaCl, circulate cement to surface.
3. Drill 7 7/8" hole to 4000'. Run and set 4000' of 5 1/2" 15.5# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement + 1/4# Flocele/Sx., + 2% CaCl, estimate top of cement 750' from surface.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Joe T. Janica</i> Printed name: Joe T. Janica Title: Agent Date: 01/16/03		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY PAUL F. KAUTZ PETROLEUM ENGINEER Approval Date: JAN 17 2003 Expiration Date: Conditions of Approval: Attached ☐	
--	--	--	--

DISTRICT I
P.O. Box 1982, Hobbs, NM 88241-1982

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36107	Pool Code 24150-24180	Pool Name EUNICE - SAN ANDRES (S.W.)
Property Code 14929	Property Name W.M. RINEWALT	Well Number 4
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3440'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	4	22-S	37-E		1930	NORTH	530	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

4	3	2	1
39.91 AC.	39.86 AC.	39.80 AC.	39.75 AC.
GEODETIC COORDINATES NAD 27 NME Y = 519432.1 X = 857618.2 LAT. 32°25'21.72"N LONG. 103°10'27.81"W			
1930' 530'			

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Joe T. Janica
Signature
Joe T. Janica
Printed Name
Agent
Title
01/16/03
Date

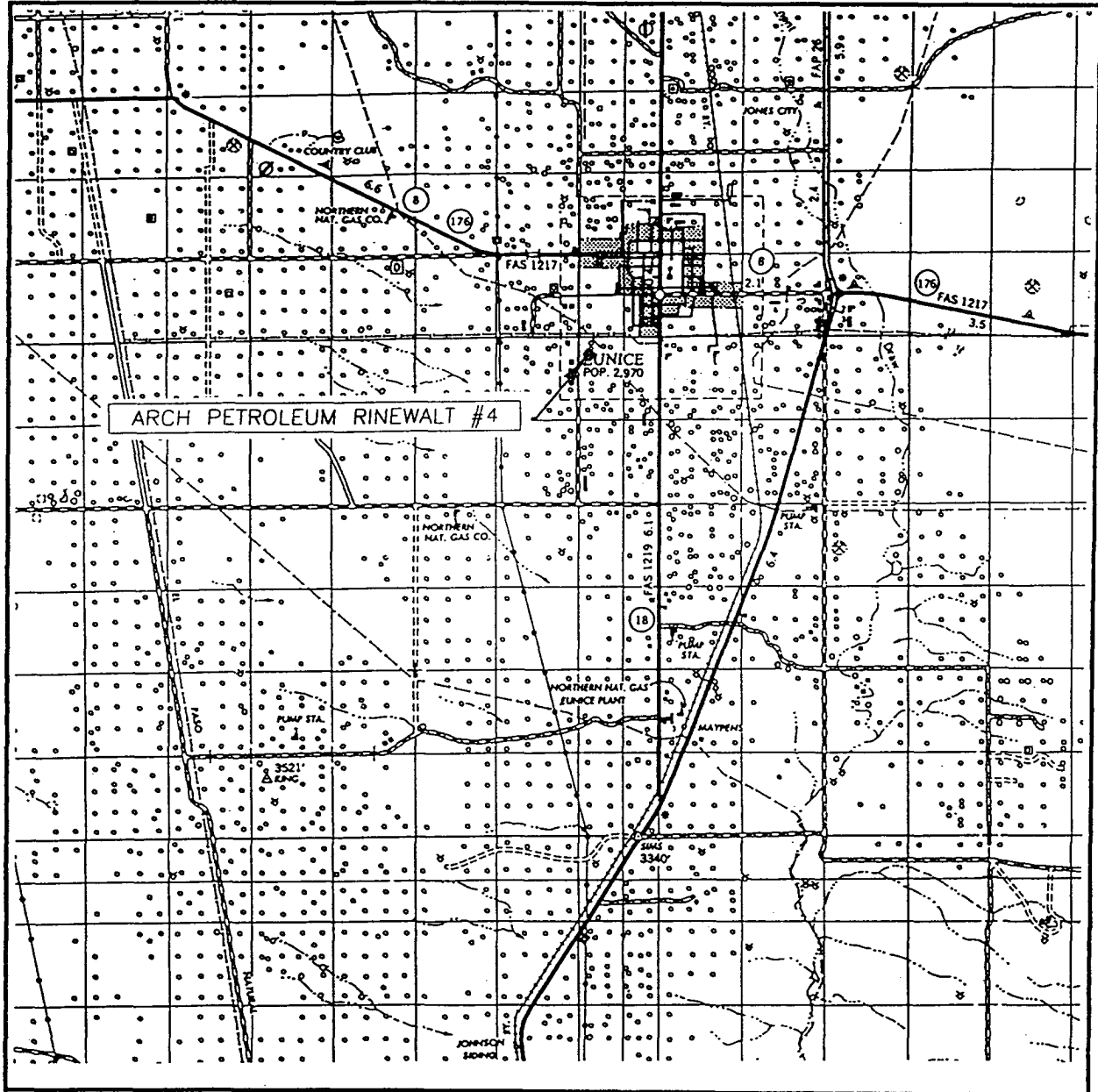
SURVEYOR CERTIFICATION

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.

JANUARY 13, 2003

Date Surveyed
Signature & Seal of Professional Surveyor
Ronald J. Eidson
03.11.0038
Certificate No. RONALD J. EIDSON 3239
CARY EIDSON 12641

VICINITY MAP

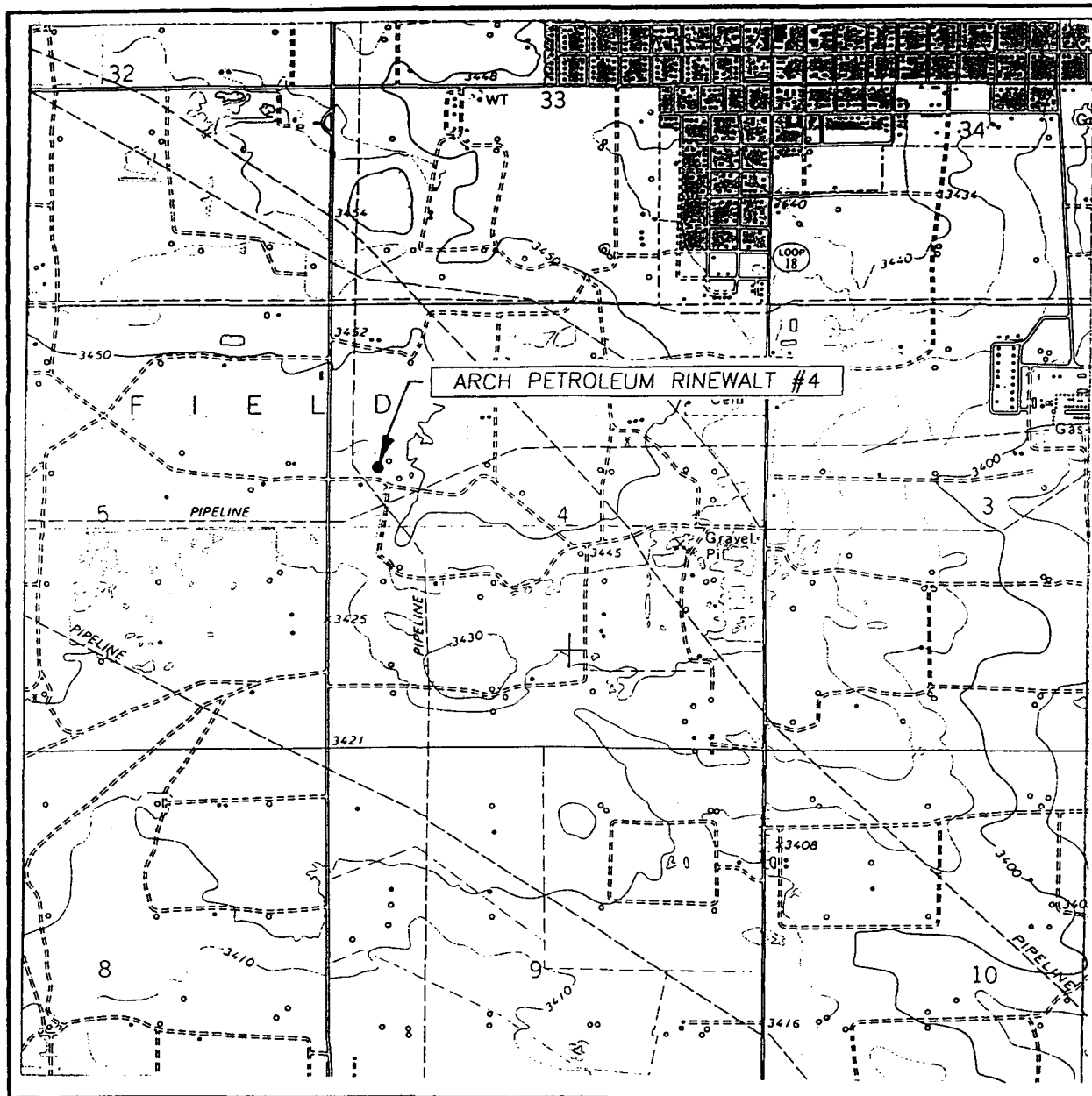


SCALE: 1" = 2 MILES

SEC. 4 TWP. 22-S RGE. 37-E
SURVEY N.M.P.M.
COUNTY LEA
DESCRIPTION 1930' FNL & 530' FWL
ELEVATION 3440'
OPERATOR ARCH PETROLEUM, INC.
LEASE RINEWALT

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
EUNICE, N.M.

SEC. 4 TWP. 22-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1930' FNL & 530' FWL

ELEVATION 3440'

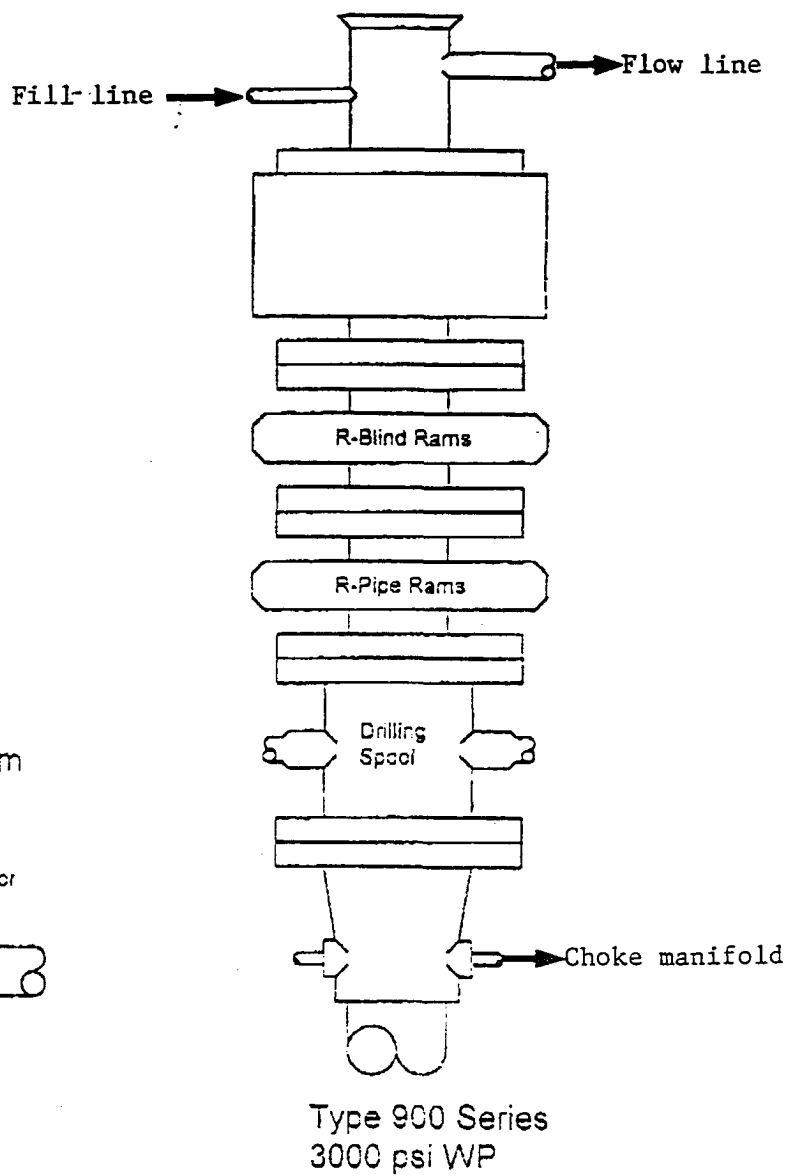
OPERATOR ARCH PETROLEUM, INC.

LEASE RINEWALT

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

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

BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System

