

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 ResourcesOil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505Form C-101
Revised March 17, 1999
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 25384		API Number 30-035-34957
Property Name STEPHENS ESTATE		Well No. 5

7 Surface Location

UL or loc no.	Section	Township	Range	Loc. Ion	Feet from the	North/South Line	Feet from the	East/West Line	County
K	24	21S	37E		2310'	South	1650'	West	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or loc no.	Section	Township	Range	Loc. Ion	Feet from the	North/South Line	Feet from the	East/West Line	County

9 Proposed Pool 1

WANTZ-ABO (62700)

10 Proposed Pool 2

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3421'
Multiple NO	Proposed Depth 7500'	Formation ABO	Contractor UNKNOWN	Spud Date WHEN APPROVED

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	SURFACE
17 1/2"	13 3/8"	48	500'	500 Sx.	SURFACE
11"	8 5/8"	32	3000'	1100 Sx.	SURFACE
7 7/8"	5 1/2"	17	7500'	1500 Sx.	SURFACE

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 500'. Run and set 500' of 13 3/8" H-40 48# ST&C casing. Cement with 500 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 11" hole to 3000'. Run and set 3000' of 8 5/8" 32# J-55 ST&C casing. Cement with 1100 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 7500'. Run and set 7500' of 5 1/2" J-55 & N-80 17# ST&C casing. Cement in three stages DV tools at 6500' & 4500'±. Cement with 1500 Sx. of Class "H" cement to be circulated.

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

Signature:

Printed name: Juv. T. Janica

Title: Agent

Date: 03/03/00

Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐B
MP

2000
Received
12/22/2000

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

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

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 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 30-025-34957	Pool Code 62700	Pool Name WANTZ-ABO
Property Code 25384	Property Name STEPHENS ESTATE	Well Number 5
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3421

Surface Location

UL or lot No. K	Section 24	Township 21 S	Range 37 E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 1650	East/West line WEST	County LEA
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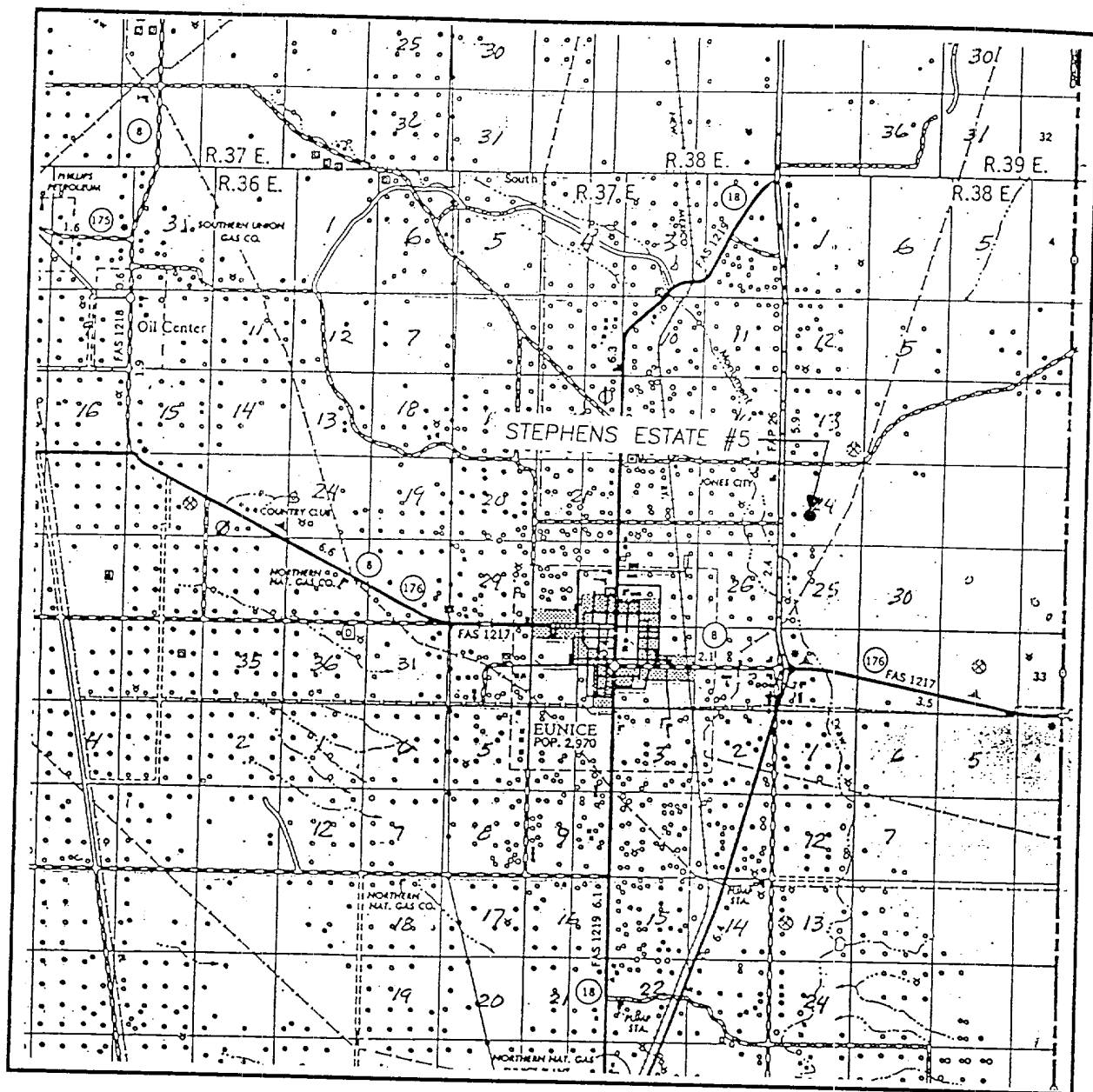
Bottom Hole Location If Different From Surface

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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Joe T. Janica Printed Name Agent Title 03/03/00 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> FEBRUARY 28, 2000 Date Surveyed Signature & Seal of Professional Surveyor 00-11-0283 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185

VICINITY MAI



SCALE: 1" = 2 MILES

SEC. 24 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2310' FSL & 1650' FWL

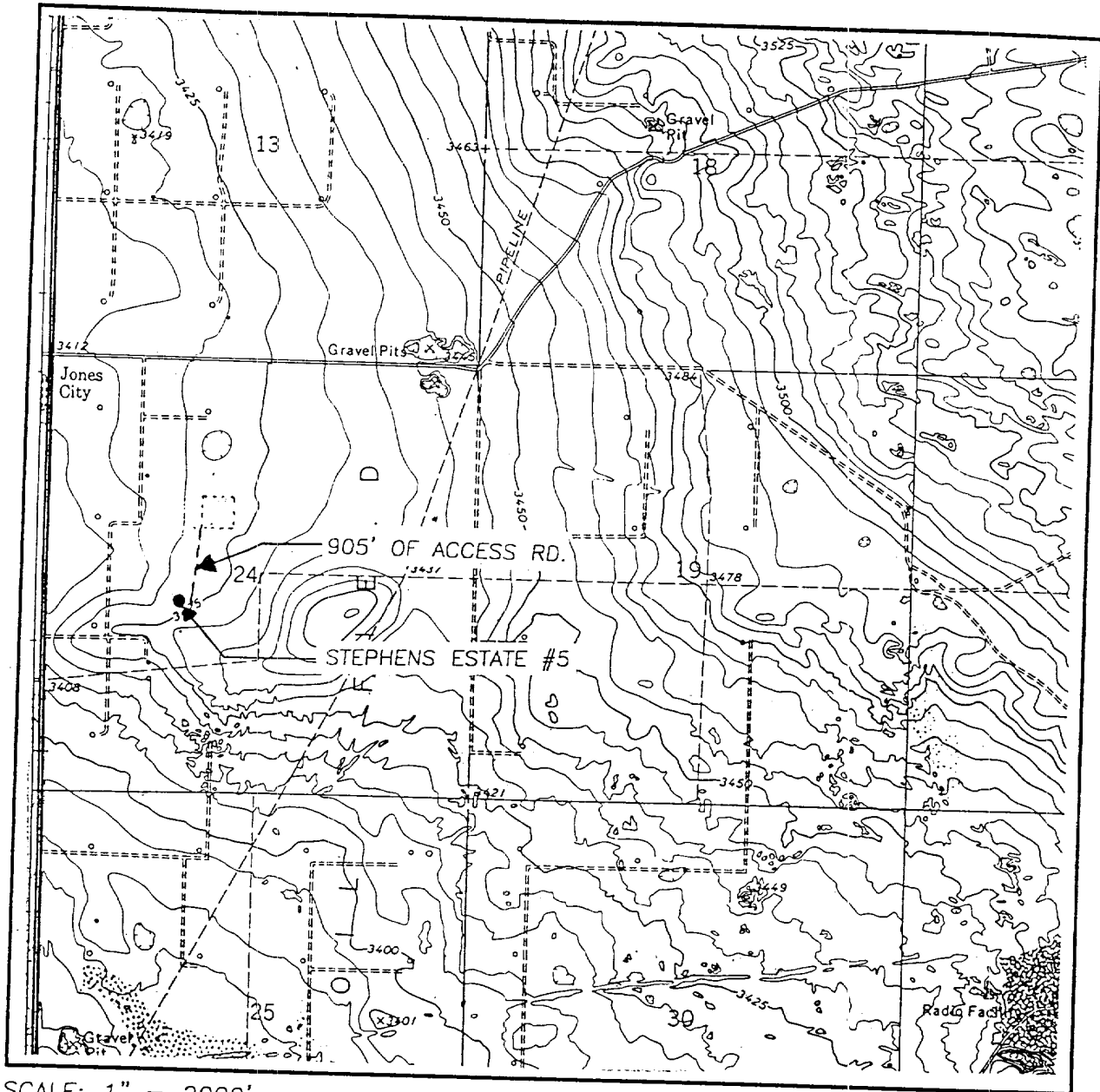
ELEVATION 3421

OPERATOR ARCH PETROLEUM, INC.

LEASE STEPHENS ESTATE

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

LOCATIC N VERIFICATIO . MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
EUNICE NE - 5'

SEC. 24 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2310' FSL & 1650' FWL

ELEVATION 3421

OPERATOR ARCH PETROLEUM, INC.

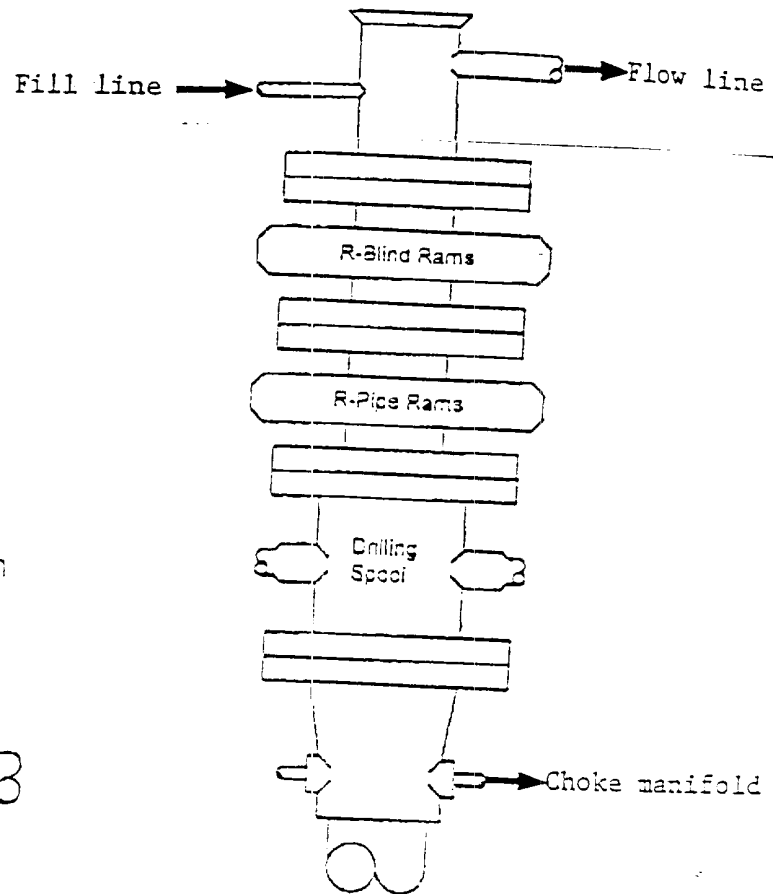
LEASE STEPHENS ESTATE

U.S.G.S. TOPOGRAPHIC MAP

EUNICE NE, N.M.

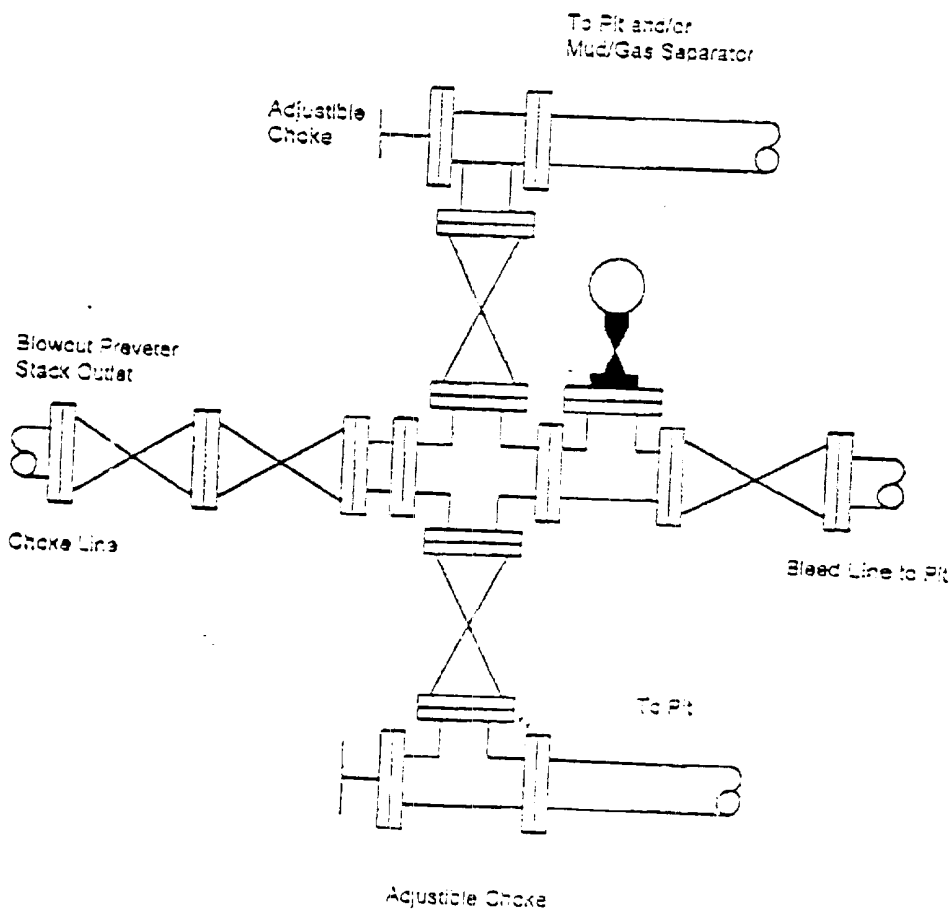
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

RECEIVED
JAN 10 1977