

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

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form 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 14904	Property Name J.F. JANDA WCT-1	API Number 30-025-36406
		Well No. 4

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	23S	36E		1890'	NORTH	1650'	WEST	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
Langlie Mathx ^{Proposed Pool 1} SOUTH EUNICE-SEVEN RIVERS/QUEEN ⁶¹³ (24130)									
^{Proposed Pool 2}									

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code PS	Ground Level Elevation 3469'
Multiple NO	Proposed Depth 3700'	Formation 7/Rivers-Queen	Contractor CAPSTAR	Spud Date WHEN APPROVED

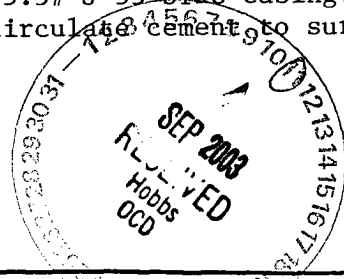
Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
24"	20"	CONDUCTOR	40'	Redi-mix	Surface
12 1/4"	8 5/8"	32	1100'	650 Sx.	Surface
7 7/8"	5 1/2"	15.5	3700'	750 Sx	750' FS.

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.

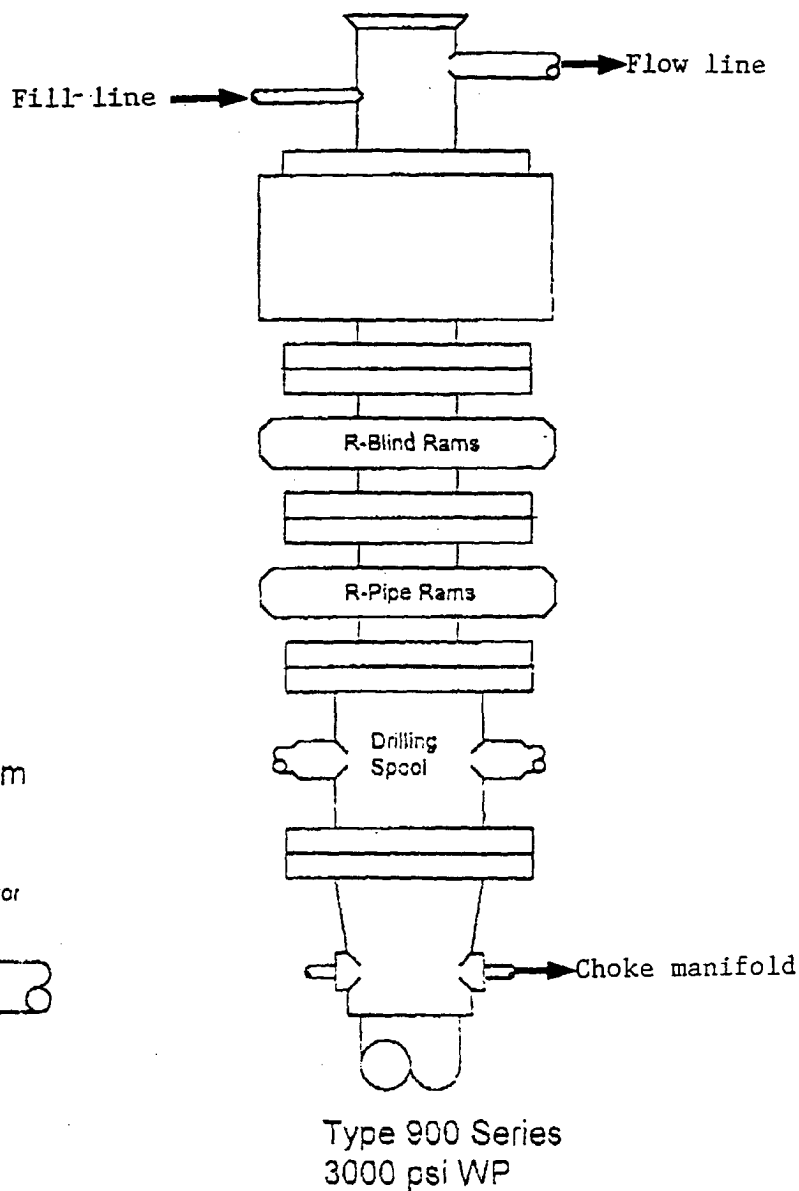
1. Drill 24" hole to 40'. Set 40" of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 12 1/4" hole to 1100'. Run and set 1100' of 8 5/8" 32# J-55 ST&C casing. Cement with 650 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 7 7/8" hole to 3700'. Run and set 3700' of 5 1/2" 15.5# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement + additives, circulate cement to surface.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

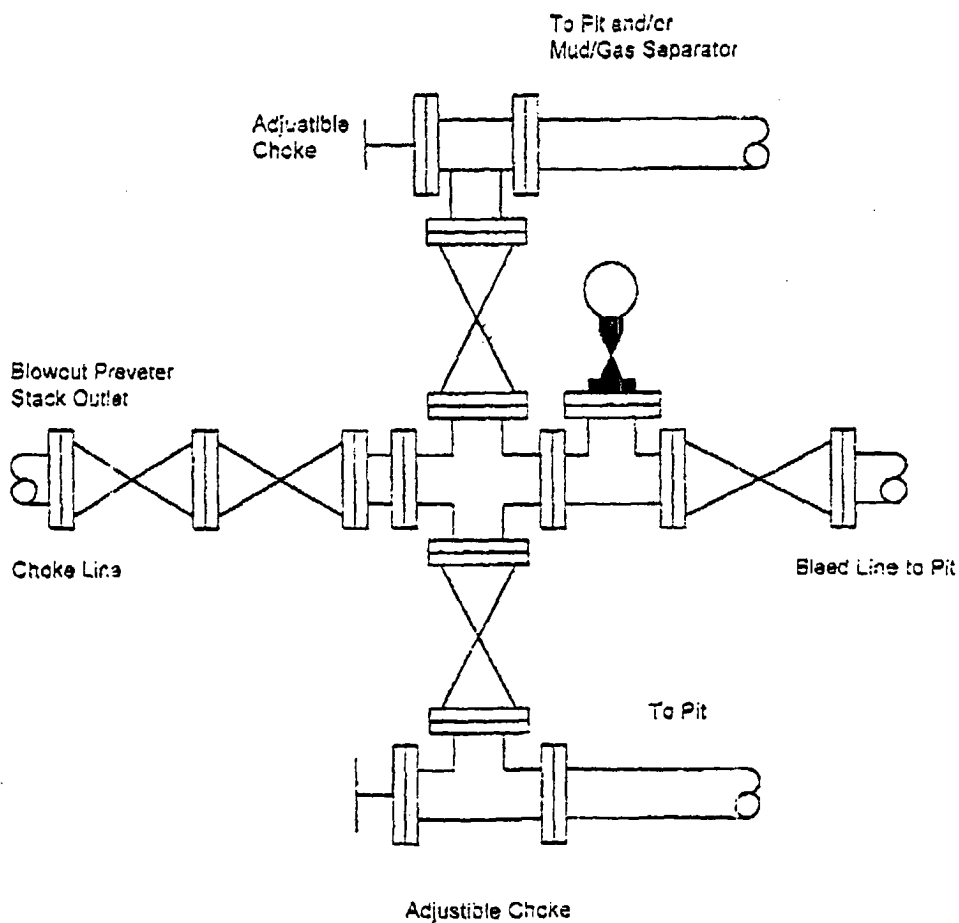


¹³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: <i>Paul G. Smith</i>	
Printed name: Joe T. Janica		Title: PETROLEUM ENGINEER	
Title: Agent		Approval Date: SEP 15 2003 Expiration Date:	
Date: 09/11/03	Phone: 505-391-8503	Conditions of Approval:	

BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System



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., Artesia, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36406	Pool Code 37240	Pool Name LANGLIE-MATTIX-7RIVERS, QUEEN, GRAYBURG
Property Code 14904	Property Name JANDA <i>NCT-1</i>	Well Number 4
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3469'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	23-S	36-E		1980'	NORTH	1650'	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

LOT 4	LOT 3	LOT 2	LOT 1
42.81 AC	43.05 AC	43.27 AC	43.51 AC
GEODETIC COORDINATES NAD 27 NME Y = 487556.4 N X = 879266.2 E LAT. 32°20'07.78"N LONG. 103°14'19.52"W			

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

09/11/03
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.

September 05, 2003

Date Surveyed _____ A.W.B

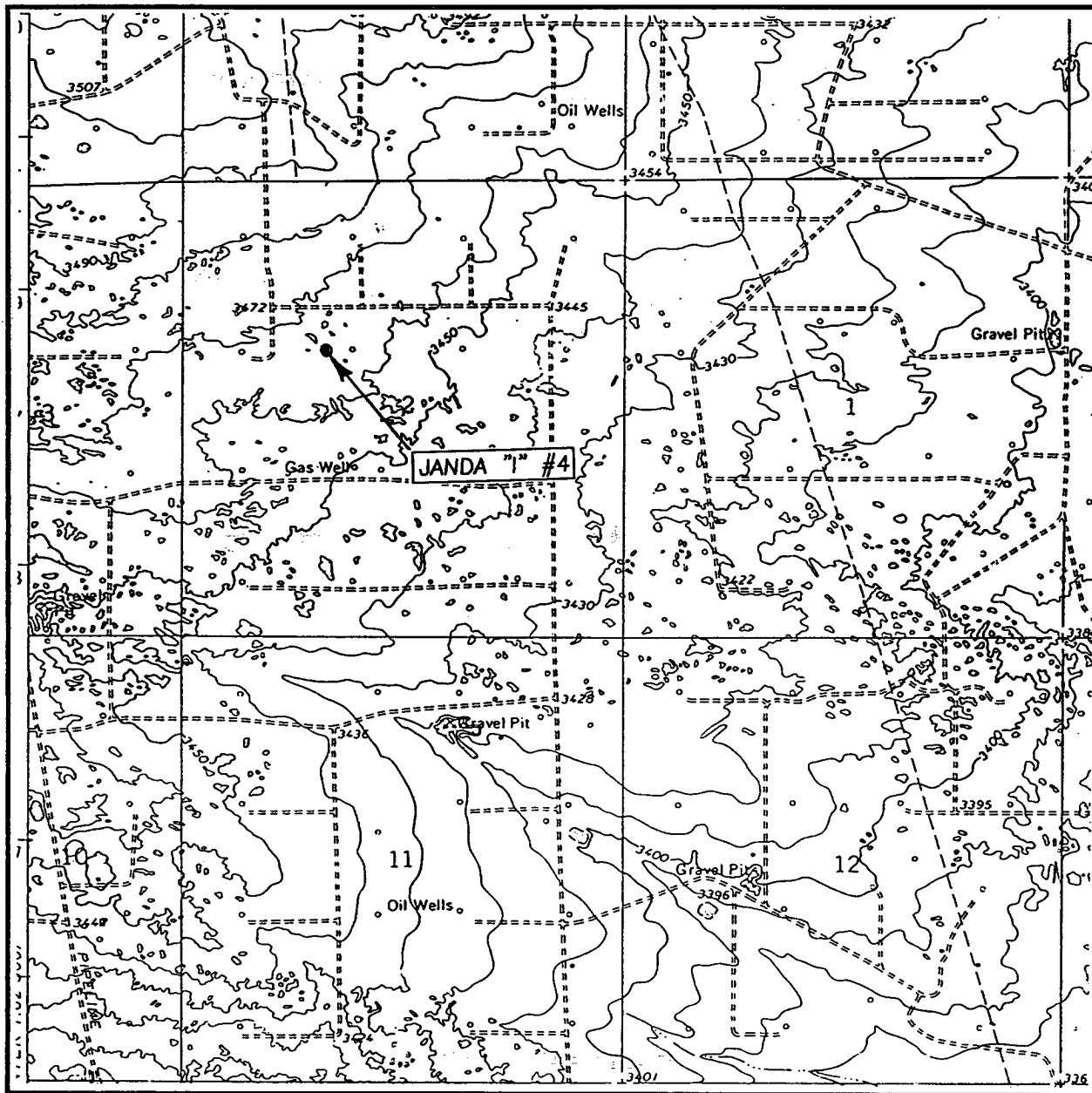
Signature & Seal of Professional Surveyor

GARY EDISON 9/8/03

03.11.0990

Certificate No. GARY EDISON 12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
RATTLESNAKE CANYON, N.M.

SEC. 2 TWP. 23-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FNL & 1650' FWL

ELEVATION 3469'

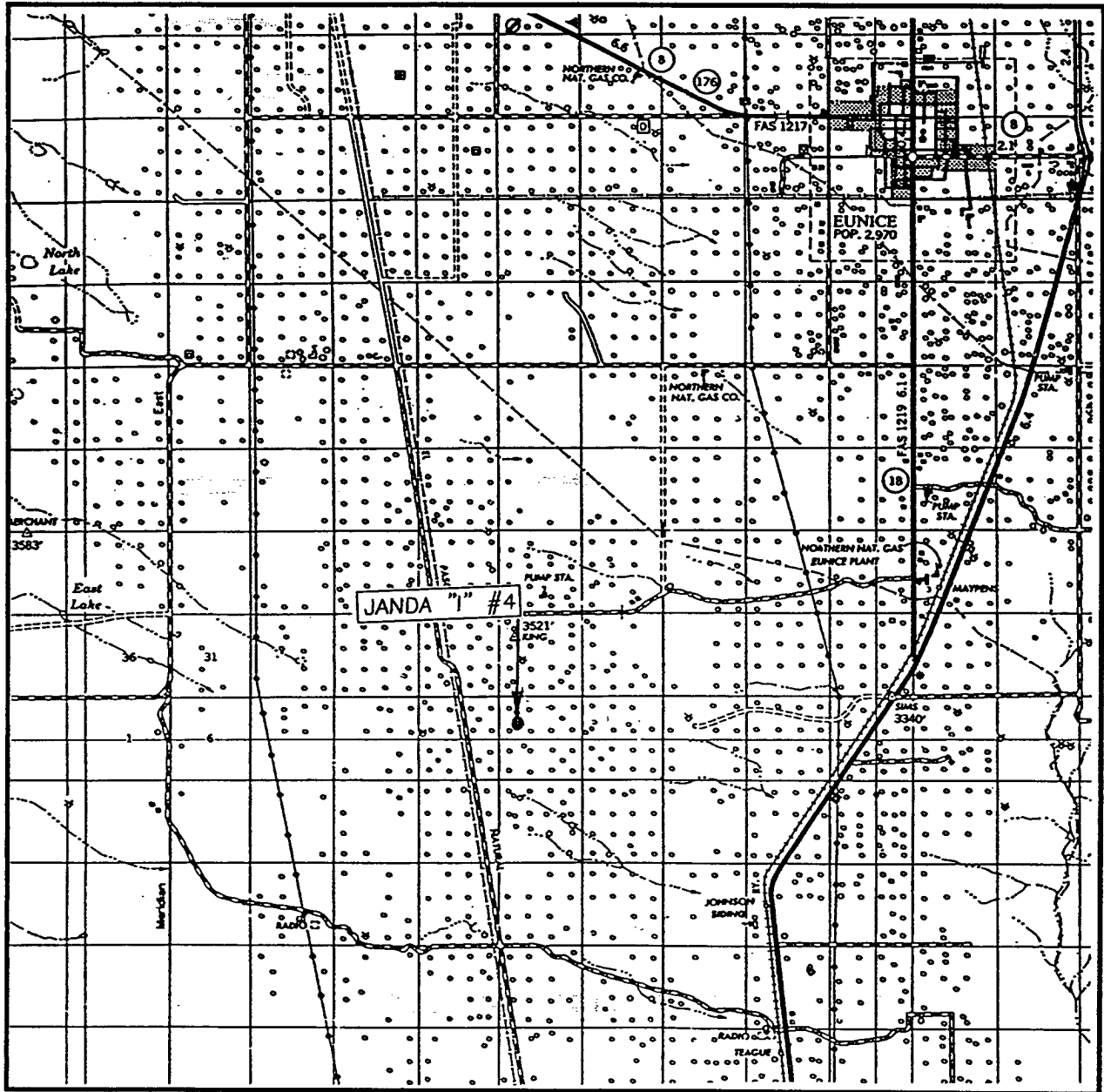
OPERATOR ARCH PETROLEUM, INC.

LEASE JANDA ~~7~~ NCT-1

U.S.G.S. TOPOGRAPHIC MAP
RATTLESNAKE CANYON, N.M.

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

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 23-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FNL & 1650' FWL

ELEVATION 3469'

OPERATOR ARCH PETROLEUM, INC.

LEASE JANDA #4 NCT-1

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