

311 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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 33419		API Number 30- 025-36573
Property Name RESLER "B"		Well No. 1

Surface Location									
UL or lot no.	Section	Township	Range	Lot lch	Feet from the	North/South line	Feet from the	East/West line	County
J	20	23S	37E		1980'	SOUTH	1980'	EAST	LEA CO.

Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot lch	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 JALMAT-TANSIL-YATES-7RIVERS (OIL)					Proposed Pool 2 33820				

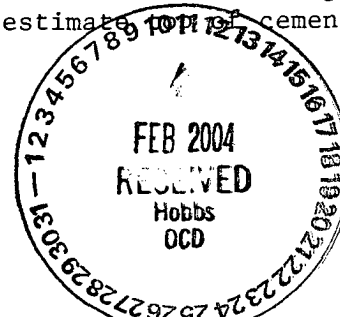
Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3307'
Multiple NO	Proposed Depth 3100'	Formation Tan, Yates, 7R	Contractor UNKNOWN	Spud Date WHEN APPROVED

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
12 1/4"	8 5/8"	24	1100'	650 Sx.	Surface
7 7/8"	5 1/2"	15.5	3100'	750 Sx.	500'±

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 1/4" hole to 1100'. Run and set 1100' of 8 5/8" 24# 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 3100'. Run and set 3100' of 5 1/2" 15.5# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement + additives, estimate 500' 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>		OIL CONSERVATION DIVISION	
Printed name: Joe T. Janica		Approved by: <i>Paul J. Hobbs</i>	
Title: Agent		Approval Date: FEB 17 2004 PETROLEUM ENGINEER	
Date: 02/11/04	Phone: 505-391-8503	Conditions of Approval: Attached <input type="checkbox"/>	

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., Aztec, 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 <b>30-025-36573</b>	Pool Code <b>33820</b>	Pool Name <b>JALMAT-TANSIL-YATES-7RIVERS (OIL)</b>
Property Code <b>33419</b>	Property Name <b>RESLER B</b>	Well Number <b>1</b>
OGRID No. <b>962</b>	Operator Name <b>ARCH PETROLEUM, INC.</b>	Elevation <b>3307'</b>

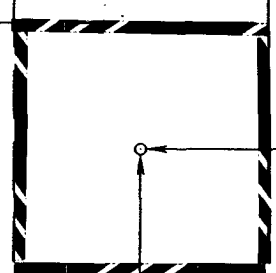
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	23-S	37-E		1980	SOUTH	1980	EAST	LEA

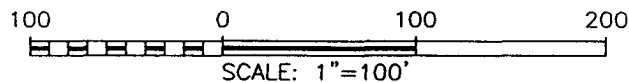
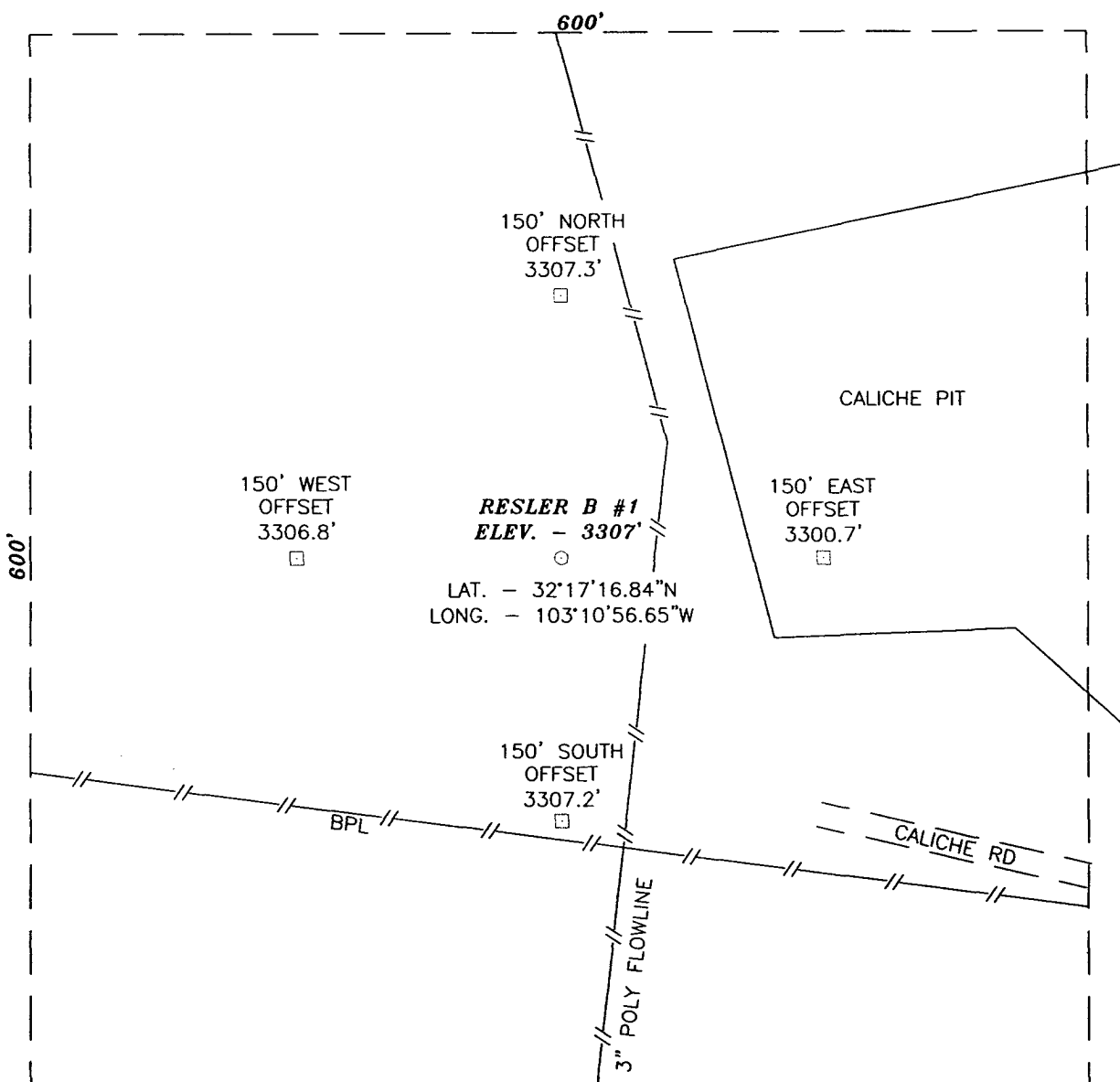
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>40</b>	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

<p>GEODETIC COORDINATES NAD 27 NME Y = 470403.7 N X = 855672.7 E LAT. 32°17'16.84"N LONG. 103°10'56.65"W</p> 	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 02/11/04 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>FEBRUARY 3, 2004</p> <p>Date Surveyed Signature &amp; Seal of Professional Surveyor GARY EIDSON 2/9/04 04.11.0121 Certificate No. GARY EIDSON 12641</p>
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SECTION 20, TOWNSHIP 23 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF A CALICHE ROAD AND STATE HWY #18 AT MILE POST #21 GO EAST 0.5 MILES TURN RIGHT. GO SOUTH 0.2 MILES TO TEE INTERSECTION. TURN LEFT AND GO 0.1 MILES. TURN RIGHT AND GO SOUTH 0.6 MILES. TURN RIGHT AND GO 0.2 MILES TO AN OLD ABANDONED LOCATION AND THIS LOCATION.

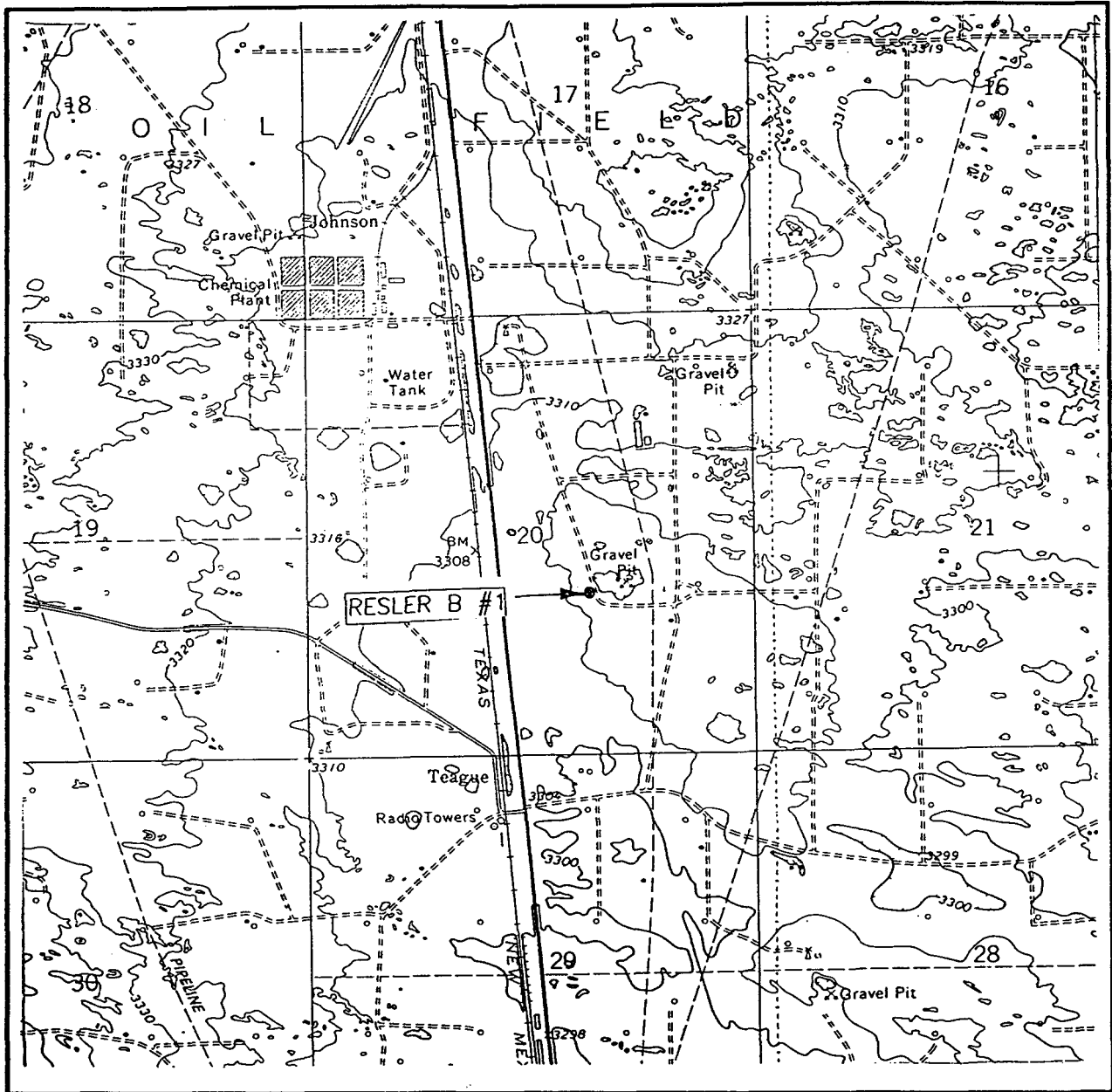
ARCH PETROLEUM, INC.

THE RESLER B #1 LOCATED 1980 FROM  
THE SOUTH LINE AND 1980 FROM THE EAST LINE  
SECTION 20, TOWNSHIP 23 SOUTH, RANGE 37 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 2/03/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.0121	Drawn By: L.A.
Date: 2/05/04	DISK:CD#3
04110121	

JOHN WEST SURVEYING COMPANY  
412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 20 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 1980' FEL

ELEVATION 3307'

OPERATOR ARCH PETROLEUM, INC.

LEASE RESLER B

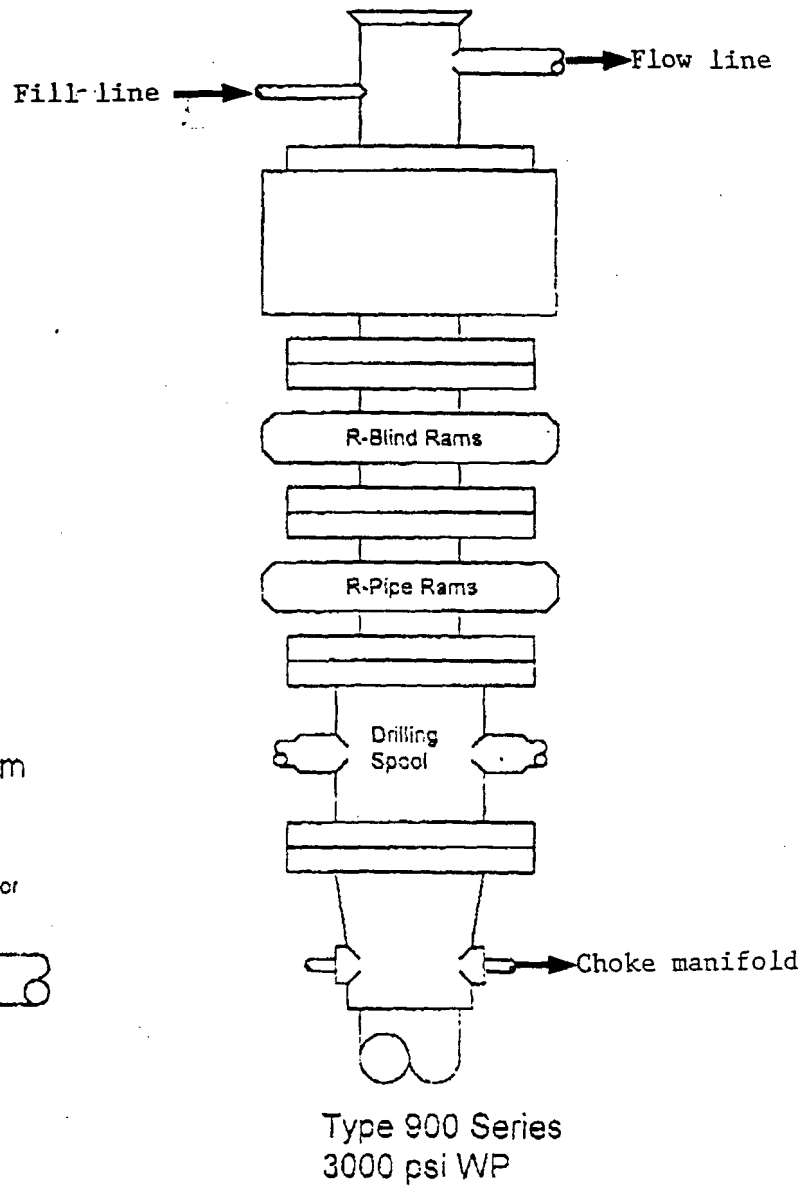
U.S.G.S. TOPOGRAPHIC MAP  
RATTLESNAKE CANYON, N.M.

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



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

# BLOWOUT PREVENTER SYSTEM



Choke Manifold Assembly for 3M WP System

