

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 3341	Property Name RESLER "B"-	API Number 30- 025-36571 Well No. 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	23S	37E		660'	SOUTH	1980'	EAST	LEA CO.

⁸ 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 LANGLEIE MATTIX-7 Rivers Queen Grayburg						**Proposed Pool 2			

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation 3302'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3700'	¹⁸ Formation YATES, 7-RIVERS	¹⁹ Contractor UNKNOWN	²⁰ Spud Date WHEN APPROVED

²¹ Proposed Casing and Cement Program

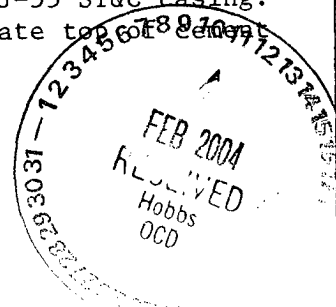
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Surface
12 1/4"	8 5/8"	24	1100'	650 Sx.	Surface
7 7/8"	5 1/2"	15.5	3700'	750 Sx.	500'±

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 and cement to surface with Redi-mix.
2. Drill 12½" 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 3700'. Run and set 3700' of 5½" 15.5# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement + additives, estimate top of cement 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: <u>Joe T. Janica</u>		OIL CONSERVATION DIVISION	
Printed name: <u>Joe T. Janica</u>		Approved by: <u>Paul J. [Signature]</u>	
Title: <u>Agent</u>		Title: <u>PETROLEUM ENGINEER</u>	
Date: <u>02/11/04</u>		Approval Date: _____ Expiration Date: _____	
Phone: <u>505-391-8503</u>		Conditions of Approval: <u>FEB 17 2004</u>	



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 30-025-36571	Pool Code 37240	Pool Name LANGLIE MATTIX-7 RIVERS-QUEEN-GRAYBURG
Property Code 33419	Property Name RESLER B	Well Number 2
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3302'

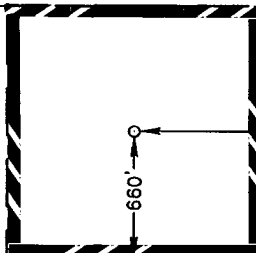
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	23-S	37-E		660	SOUTH	1980	EAST	LEA

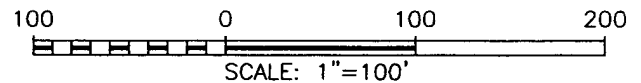
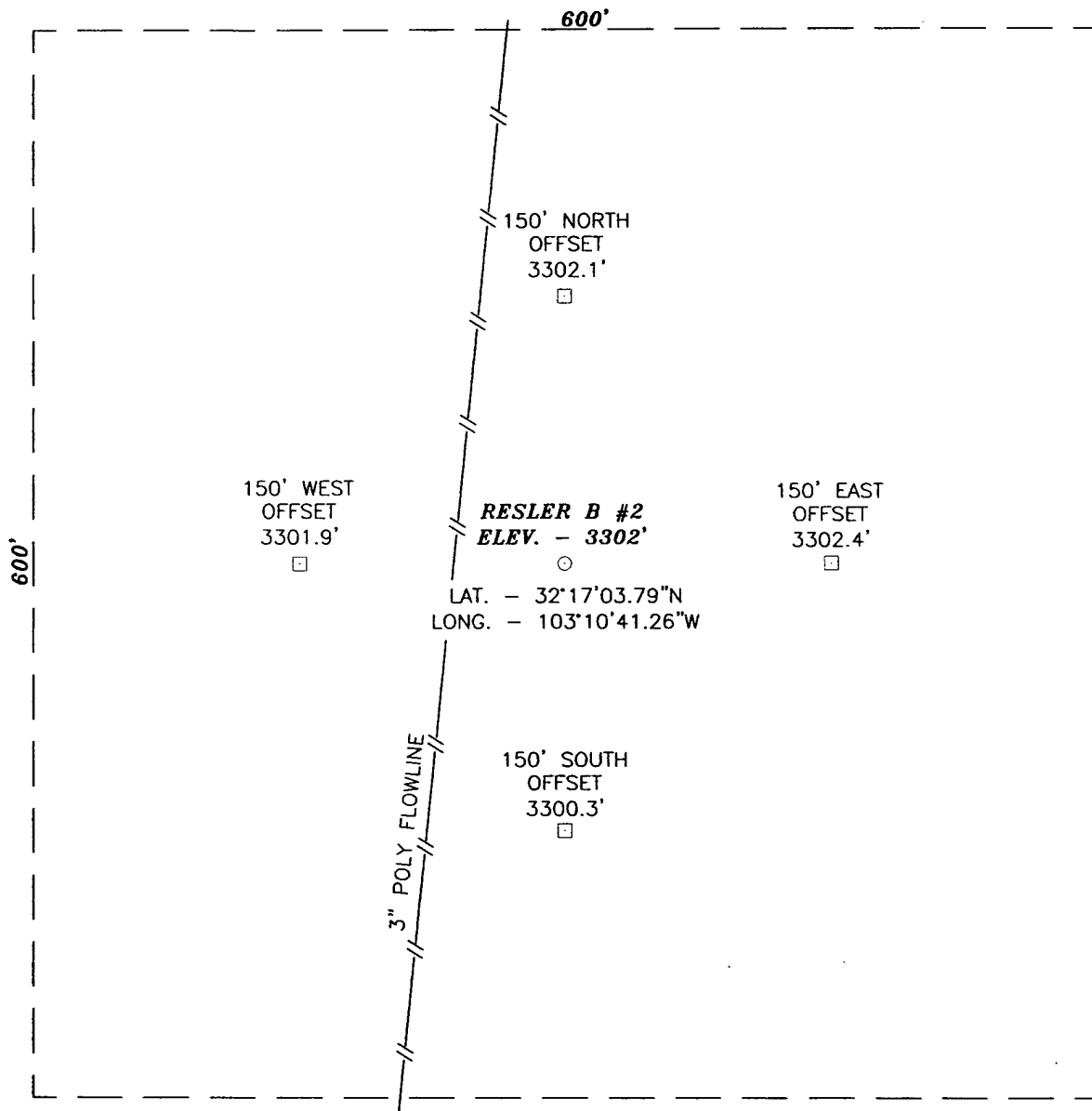
Bottom Hole Location If Different From Surface

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

<p>GEODETIC COORDINATES NAD 27 NME Y = 469084.2 N X = 855688.6 E LAT. 32°17'03.78"N LONG. 103°10'56.63"W</p> 	<p>OPERATOR CERTIFICATION</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>SURVEYOR CERTIFICATION</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 Date Surveyed Signature & Seal of Professional Surveyor <i>Gary B. Eidson</i> 04.11.0122 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:

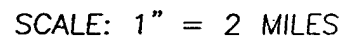
FROM THE INTERSECTION OF A CALICHE ROAD AND STATE HWY #18 AT MILE POST #21. GO EAST 0.5 MILES TURN RIGHT. GO SOUTH 0.2 MILES TO TEE INTERSECTION. TURN LEFT AND GO 0.1 MILES. TURN RIGHT AND GO SOUTH 0.8 MILES. THE PROPOSED LOCATION IS APPROX. 0.2 MILES WEST.

ARCH PETROLEUM, INC.

THE RESLER B #2 LOCATED 660 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: 04.11.0123	Drawn By: L.A.
Date: 2/06/04	DISK:CD#3
04110123	

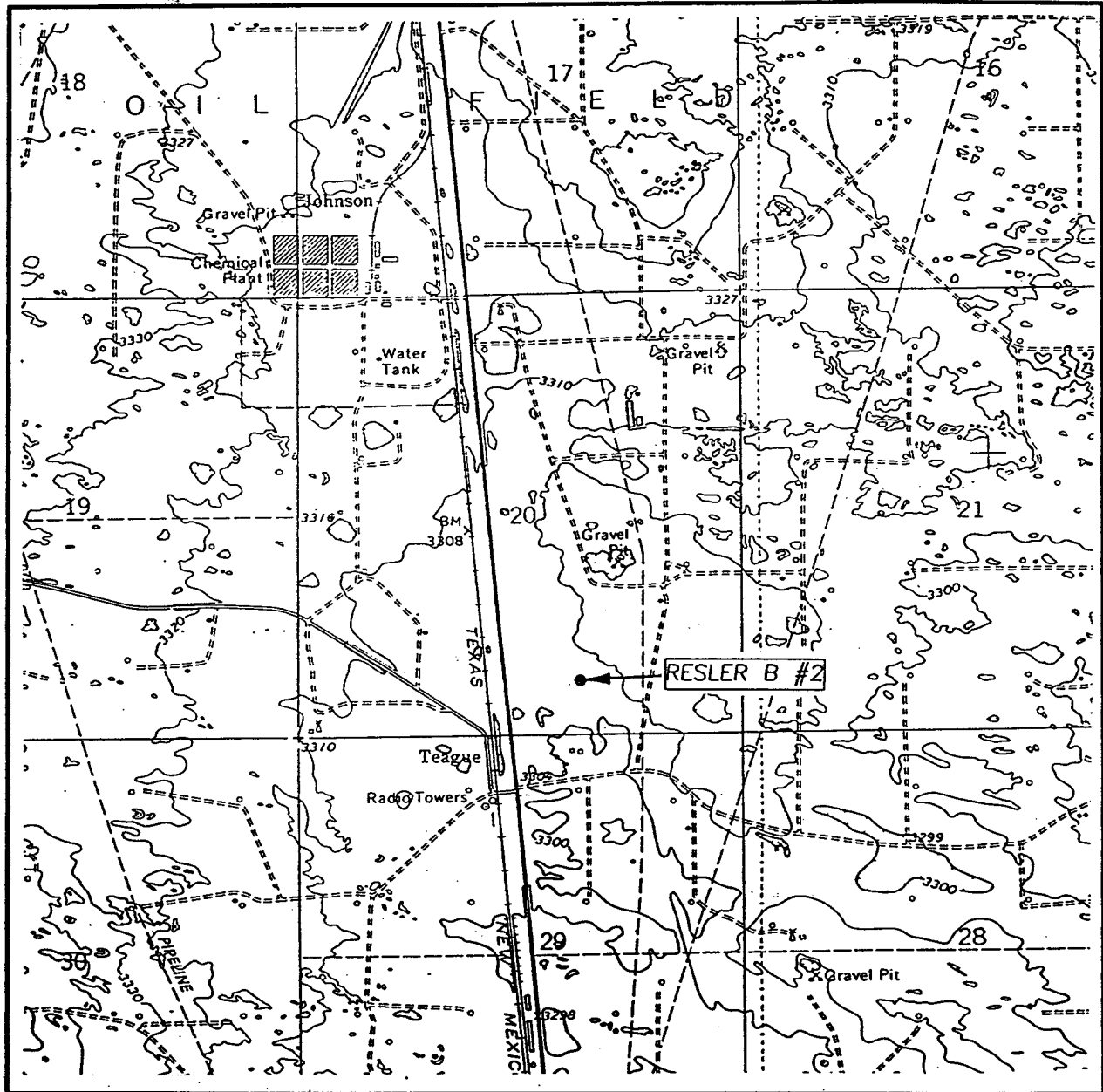
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117



LEASE _____ RESLER B

JOHN WEST SURVEYING
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 660' FSL & 1980' FEL

ELEVATION 3302'

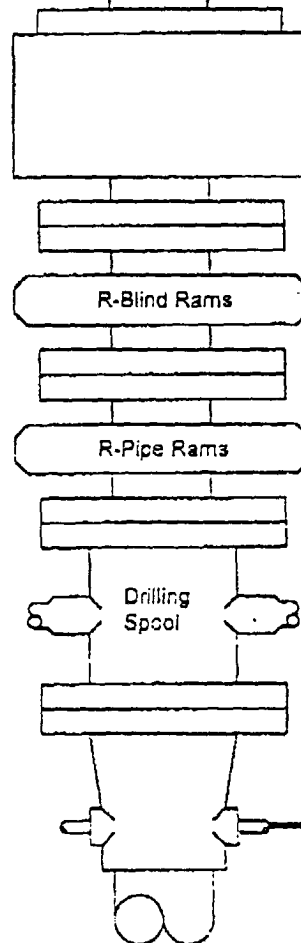
OPERATOR -----

LEASE RESLER B

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

