

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

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 33418		API Number 30-025-36570
Property Name RESLER "A"		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	23S	37E		2030'	SOUTH	1880'	WEST	LEA CO.

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 (37240) LANGLIE MATTIX-7 Rivers Queen Grayburg					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3305'
Multiple NO	Proposed Depth 3700'	Formation YATES, 7-RIVERS	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 1/2"	8 5/8"	24	1100'	650 Sx.	Surface
7 7/8"	5 1/2"	15.5	3700'	750 Sx.	500'±

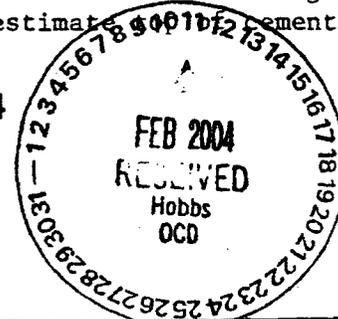
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 12 1/2" 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 5 1/2" 15.5# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement + additives, estimate 500' cement 500' from surface.

NMOCD Case No. 13274

Fulfer Exhibit No. **F**

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.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: <i>[Signature]</i>	
Printed name: Joe T. Janica		Title: PETROLEUM ENGINEER	
Title: Agent		Approval Date: FEB 17 2004	
Date: 02/11/04		Expiration Date:	
Phone: 505 201 9502		Conditions of Approval:	

DISTRICT I
P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II
P.O. Drawer 80, Artesia, NM 88211-0719

DISTRICT III
1000 Edo 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

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 30.025-36570	Pool Code 37240	Pool Name LANGLIE MATTIX- 7 Rivers-Queen-Grayburg
Property Code 33418	Property Name RESLER A	Well Number 1
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3305'

Surface Location

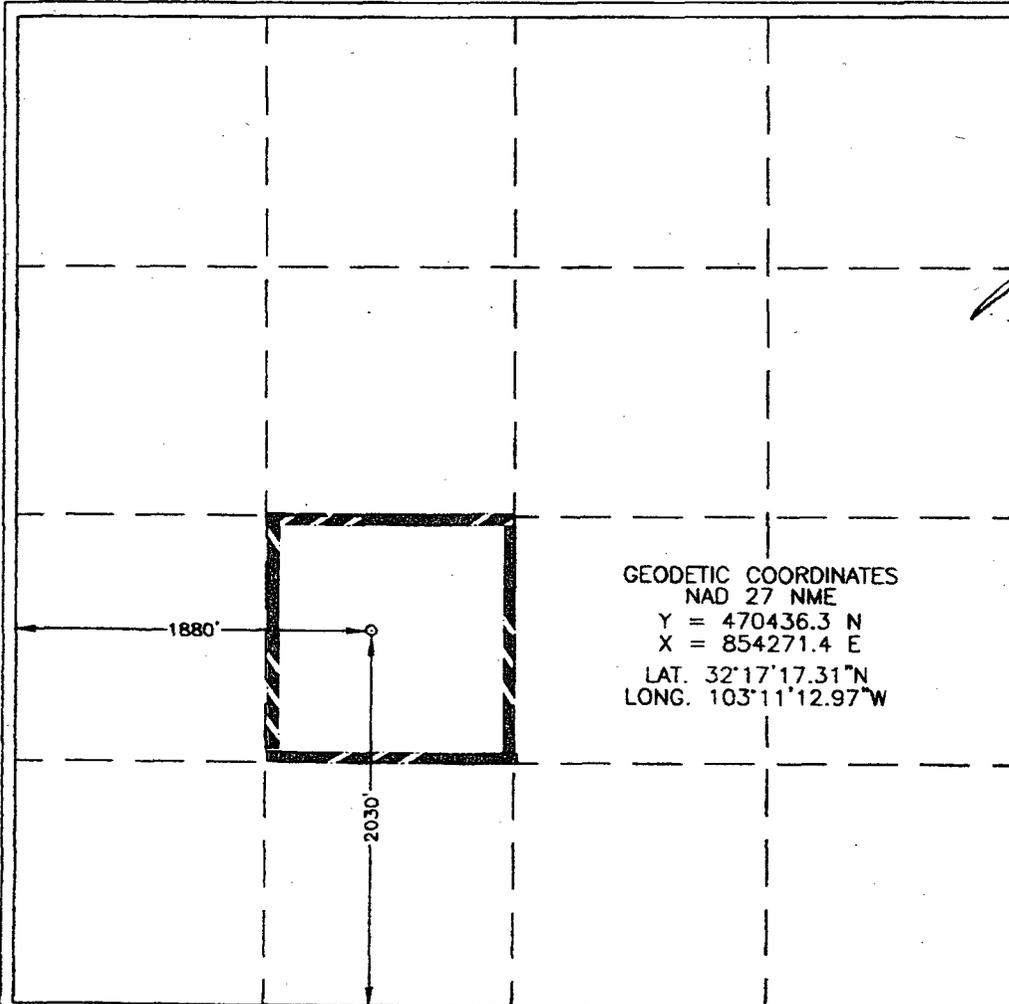
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	23-S	37-E		2030	SOUTH	1880	WEST	LEA

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.
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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 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

02/11/04
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.

FEBRUARY 2, 2004

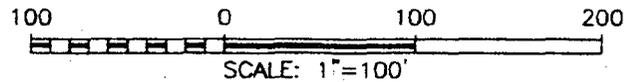
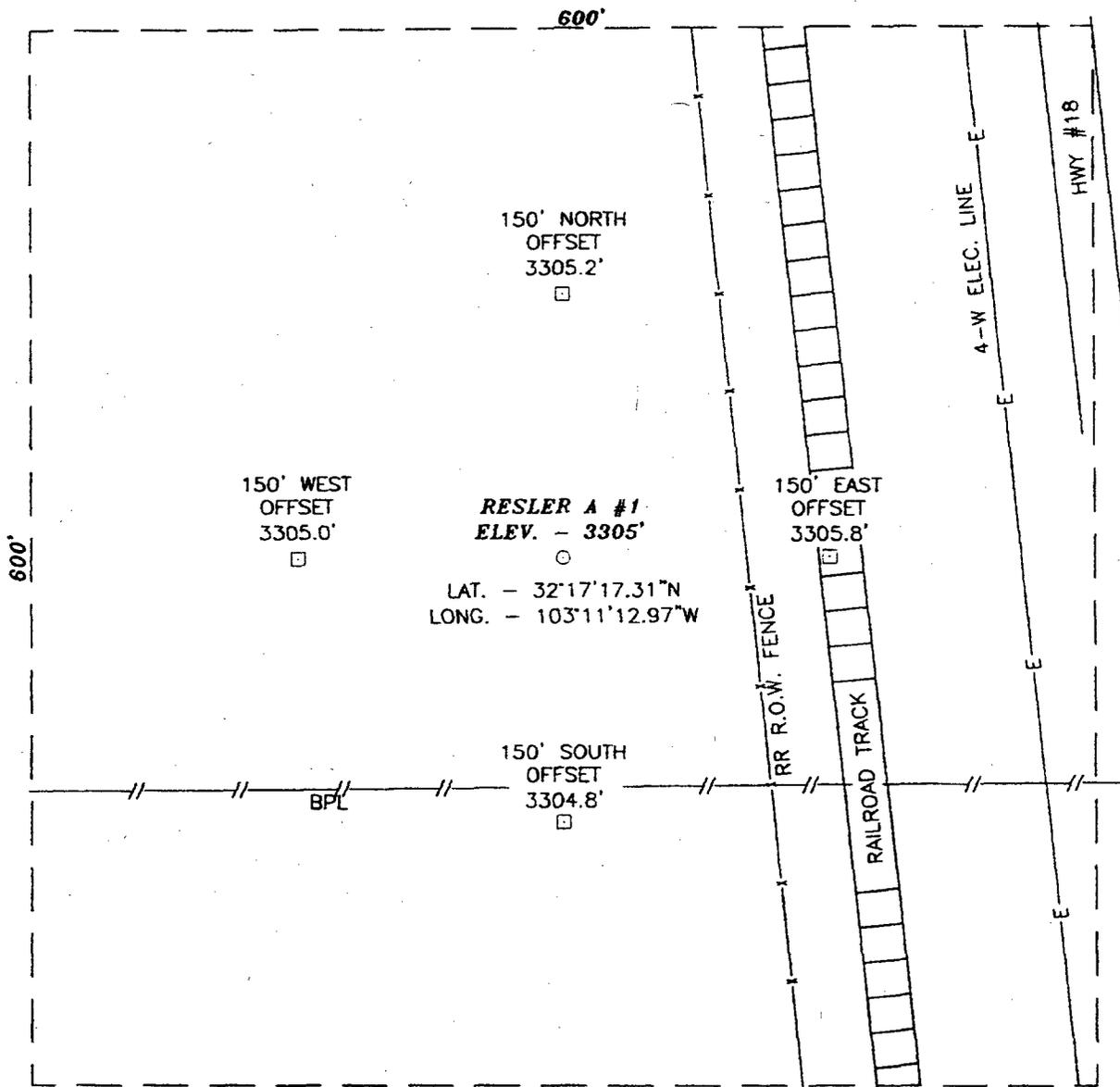
Date Surveyed

Signature & Seal of Professional Surveyor
Gary Edson 2/9/04

04.11.0120

Certificate No. GARY EDSON 12641

SECTION 20, TOWNSHIP 23 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

THIS WELL IS LOCATED 0.5 MILES SOUTH OF MILE POST #21 ON STATE HWY. #18 AND APPROX. 300' WEST.

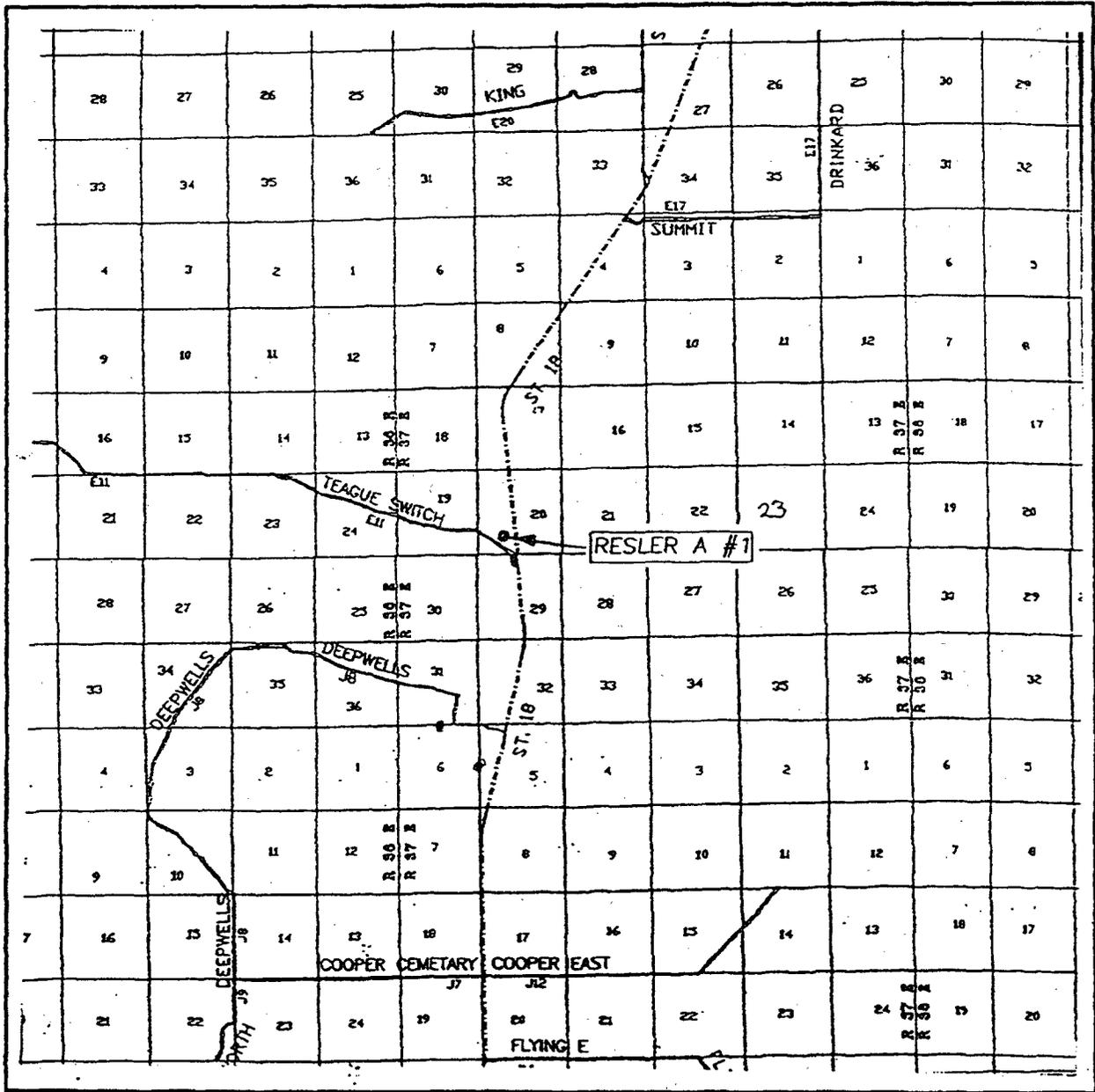
ARCH PETROLEUM, INC.

THE RESLER A #1 LOCATED 2030 FROM THE SOUTH LINE AND 1880 FROM THE WEST 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: 04.11.0120	Drawn By: L.A.
Date: 2/03/04	DISK:CD#3
	04110120

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

VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2030' FSL & 1880' FWL

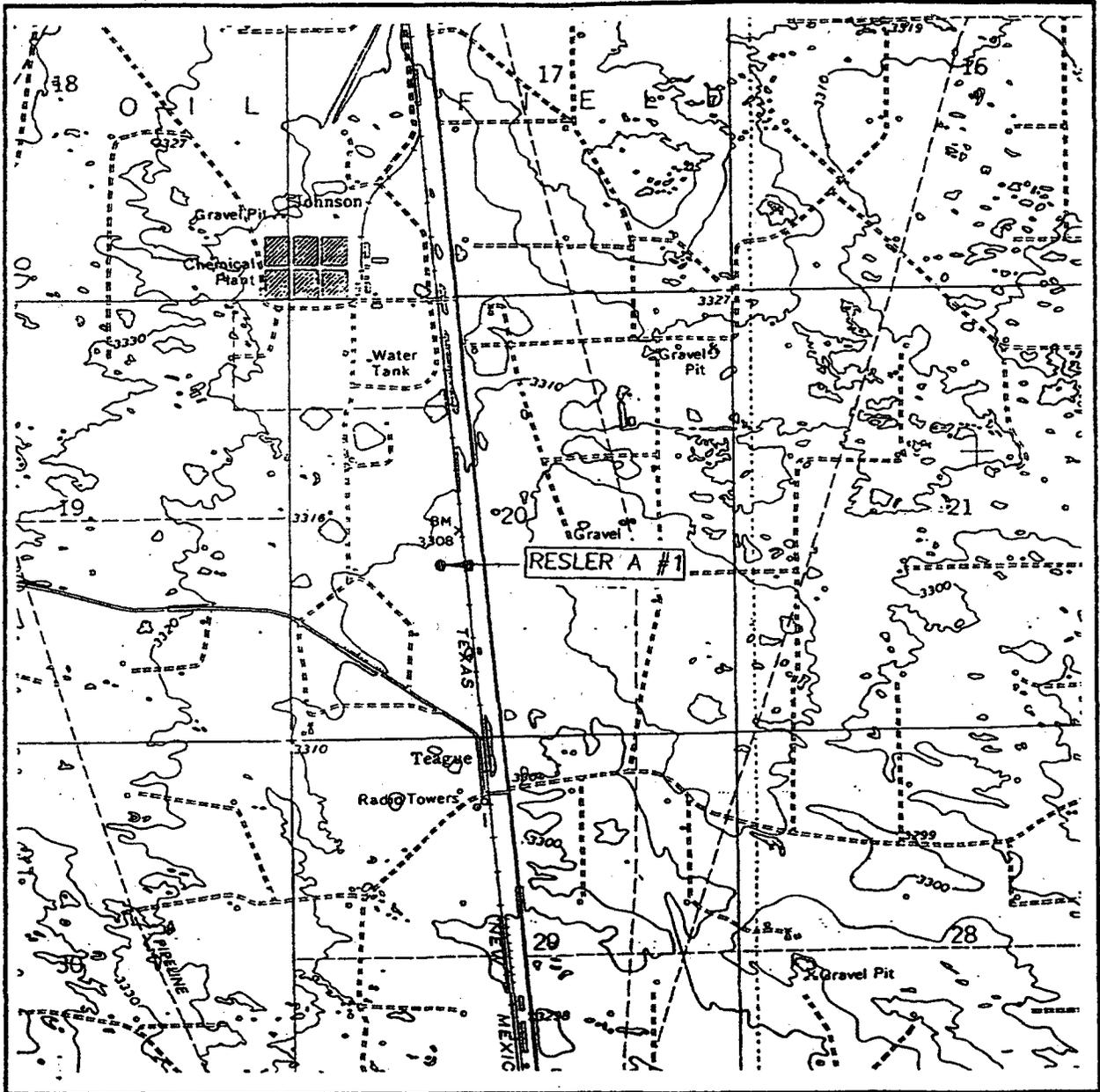
ELEVATION 3305'

OPERATOR

LEASE RESLER A

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 2030' FSL & 1880' FWL

ELEVATION _____ 3305' _____

OPERATOR _____

LEASE _____ RESLER A _____

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

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