

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
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

APACHE CORPORATION 2000 POST OAK BLVD. SUITE 100. HOUSTON, TEXAS 77056-4400		1 OGRID Number 00873
		2 API Number 30-0 25-339/3
3 Property Code 16843	4 Property Name Skelly Penrose "A" Unit	
		5 Well No. 78

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L/4 U/D	3	23S	37E		100'	North	1320'	West	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
9 Proposed Pool 1 Langlie Mattix 7Rivers Queen Grayburg					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary ROTARY	14 Lease Type Code P	15 Ground Level Elevation 3314' GR.
16 Multiple NO	17 Proposed Depth 3800'	18 Formation PENROSE	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
12 1/4"	9 5/8"	32.3	1160'	555	Circ. to surface
8 3/4"	5 1/2"	17	3800'	1540	Circ. to 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 12 1/4" hole to 1160'. Run and set 1160' of 9 5/8" 32.3# H-40 ST&C casing. Cement with 555 Sx. Class "C" + 2% CaCl + 1/2# Celoflakes/Sx. Circulate cement to surface.
2. Drill 12 1/4" hole to 3800'. Run and set 3800' of 5 1/2" 17# K-55 LT&C casing. Cement with 490 Sx. Class "C" 35/65 POZ + 5% salt + 6% Gel + 1/2# Celoflakes per Sx. Tail in with 1050 Sx. Class "C" + 2% CaCl + 1/2# Celoflakes/Sx. Circulate cement to surface.

Approved for drilling only. NSL must be approved prior to production.

23 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: ORIGINAL SIGNATURE	
Title: Agent		Title: DISTRICT	
Date: 4-7-97		Approved: APR 08 1997	
Phone: 505-392-2112		Expiration Date:	
		Conditions of Approval: Attached <input type="checkbox"/>	



## DISTRICT I

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## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

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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	Pool Code 37240	Pool Name Langlie Mattix Seven Rivers Queen Grayburg
Property Code 16843	Property Name SPAU	Well Number 78
OGRID No. 000843	Operator Name APACHE CORPORATION	Elevation 3314

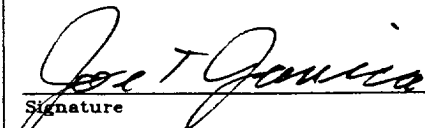
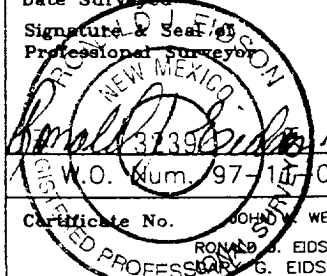
## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	3	23 S	37 E		100	NORTH	1320	WEST	LEA

## Bottom Hole Location If Different From Surface

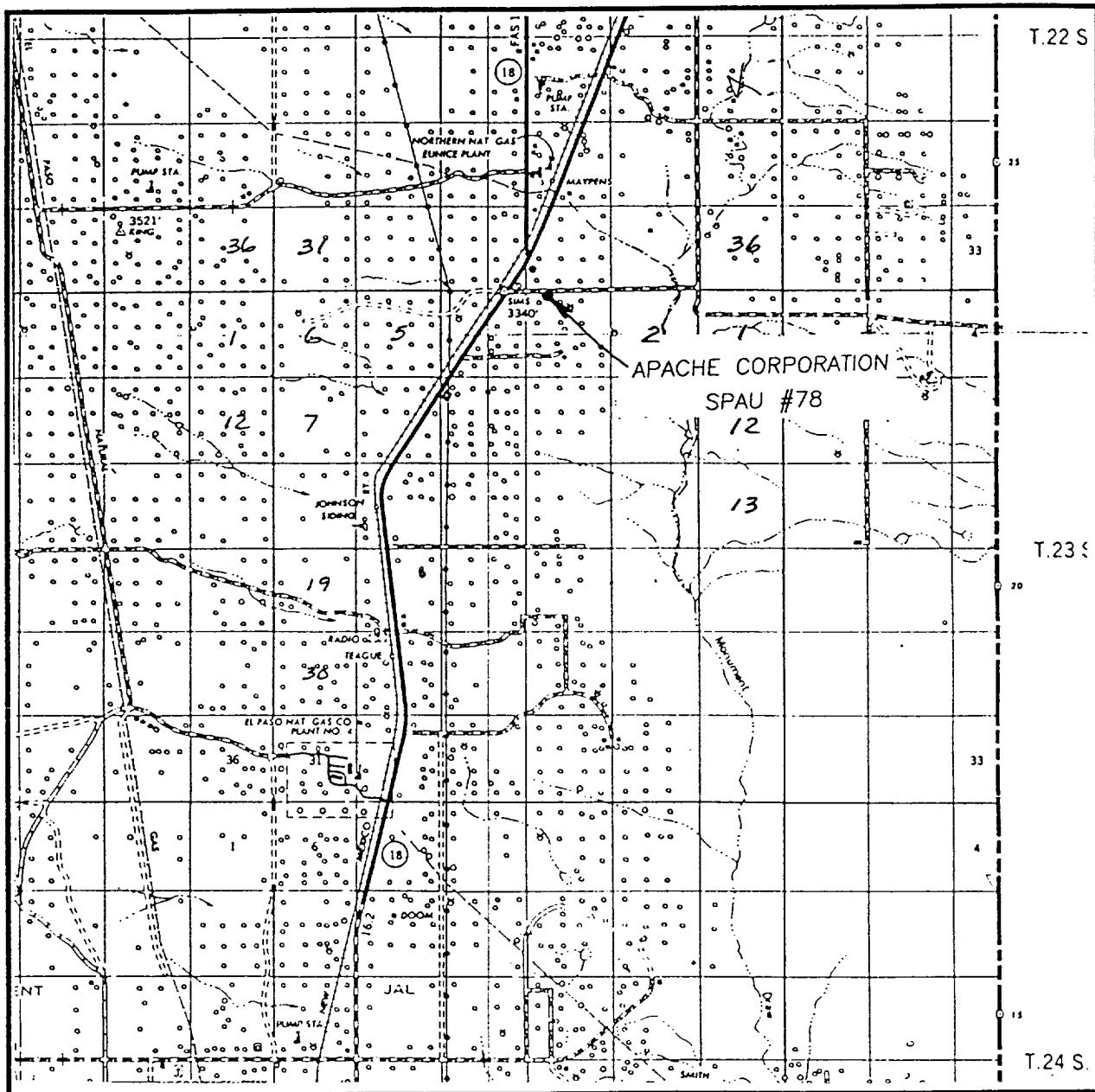
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

1320'	100'	LOT 3 44.63 AC.	LOT 2 44.69 AC.	LOT 1 44.77 AC.	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Joe T Janica Printed Name AGENT Title 4-7-97 Date
LOT 4 44.55 AC.					
<b>SURVEYOR CERTIFICATION</b>  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.  JANUARY 9, 1997 Date Surveyed Signature & Seal of Professional Surveyor  W.O. Num. 97-10-0032 Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 MARY G. EIDSON, 12841					



# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 3 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

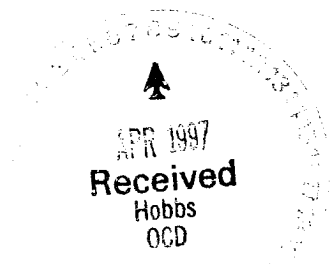
DESCRIPTION 100' FNL & 1320' FWL

ELEVATION 3314'

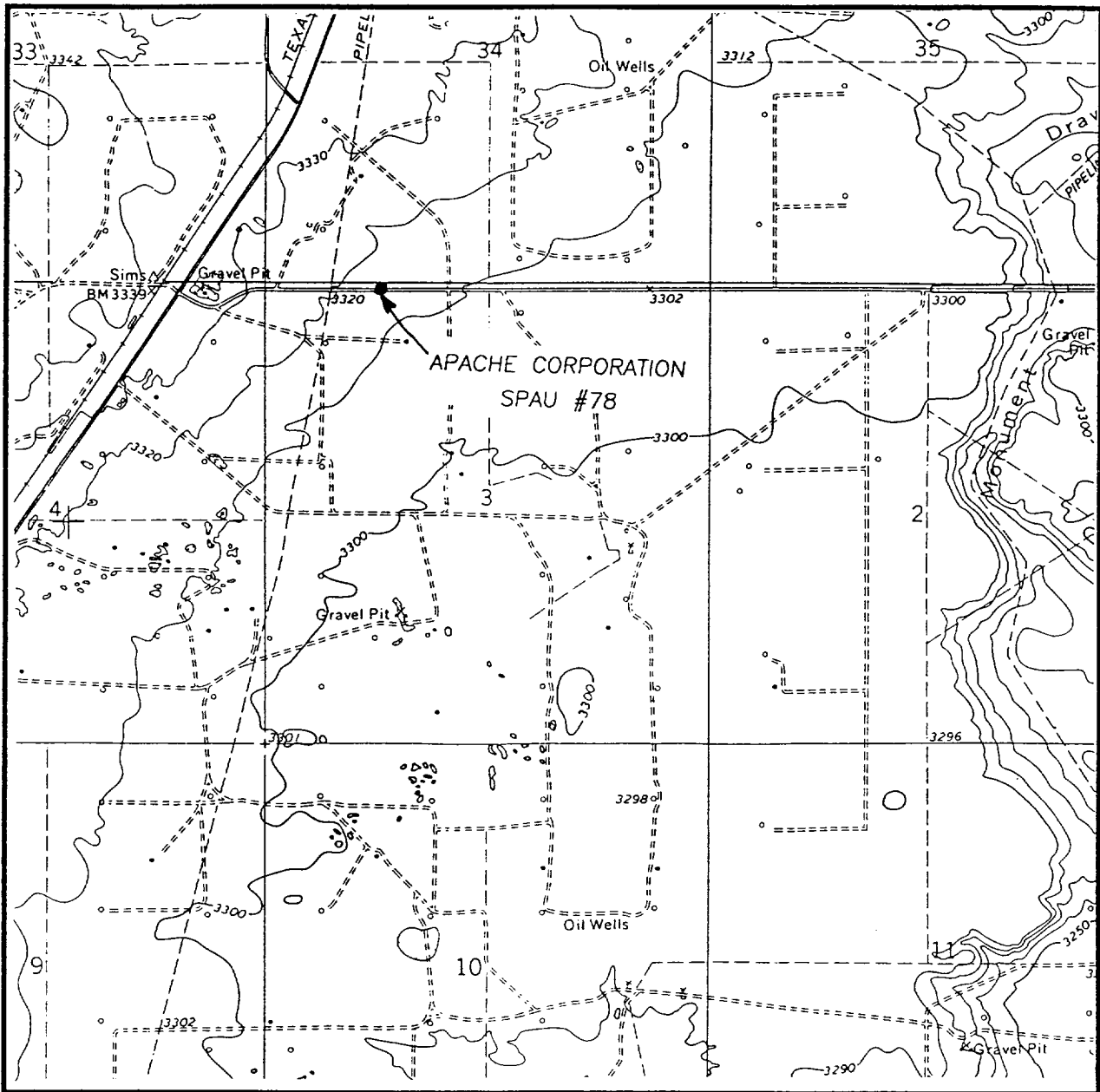
OPERATOR APACHE CORPORATION

LEASE SPAU

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



# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 3 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 100' FNL & 1320 FWL

ELEVATION 3314'

OPERATOR APACHE CORPORATION

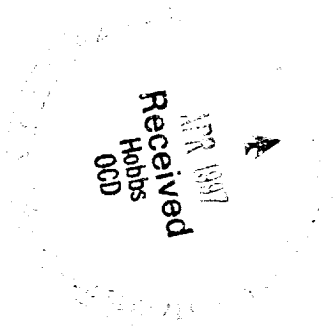
LEASE SPAU

U.S.G.S. TOPOGRAPHIC MAP

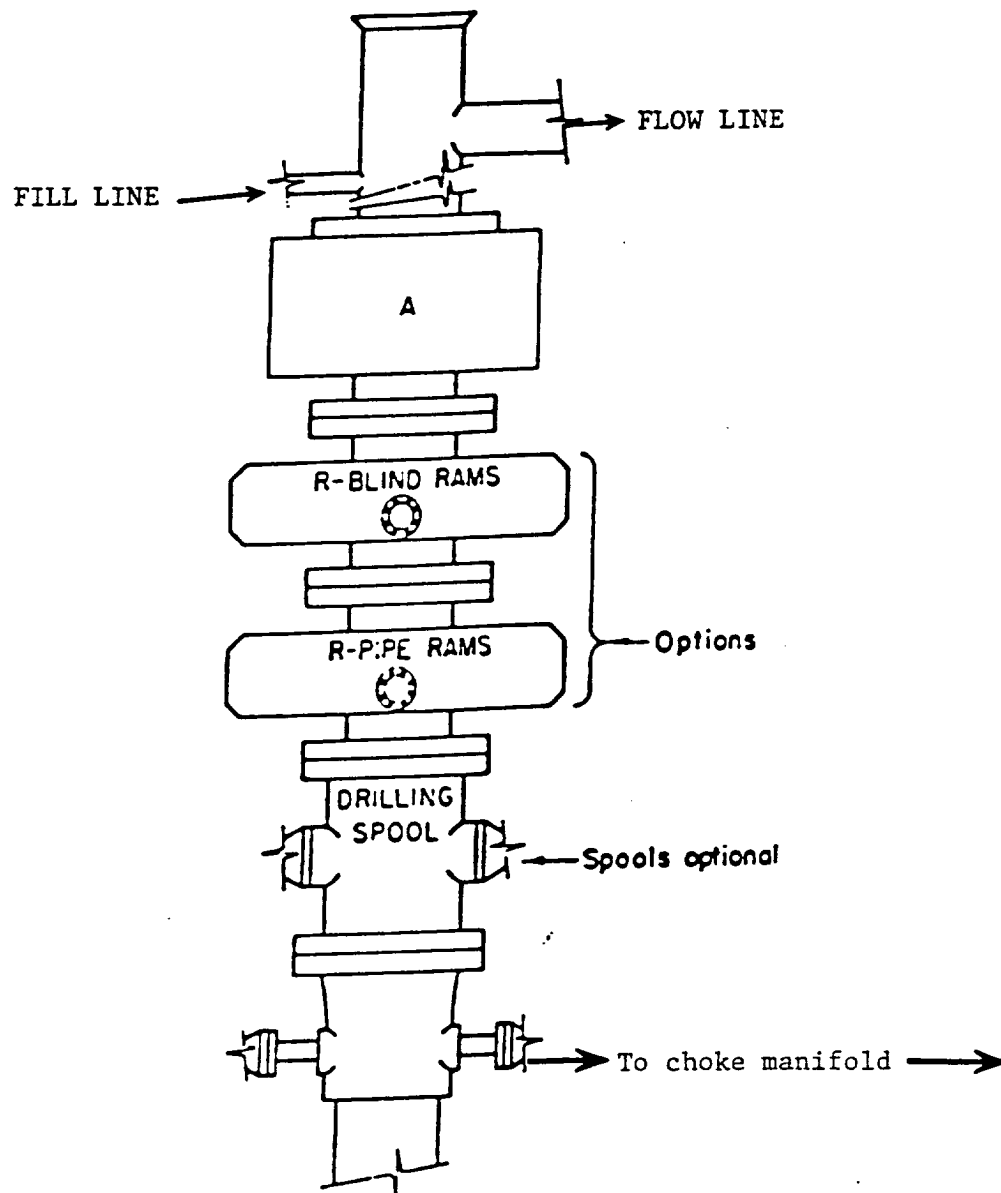
RATTLESNAKE CANYON, N.M.

**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO**

**(505) 393-3117**







# **ARRANGEMENT SRRA**

900 Series  
3000 PSI WP



8/20/97