

District I
P.O. Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 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

1 Operator Name and Address Apache Corporation attn: Dennis Bickford; 3rd floor 2000 Post Oak Blvd. Ste. 100 Houston, Texas 77056-4400		2 OGRID Number 873
		3 API Number 30-025- 35765
4 Property Code 26483	5 Property Name State "DA"	6 Well No. 8

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
J	16	21-S	37-E		1980	South	2200	East	Lea

8 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

9 Proposed Pool 1

Penrose Skelly: Grayburg (50350)

10 Proposed Pool 2

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 3456' KB
16 Multiple	17 Proposed Depth 4250	18 formation Grayburg	19 Contractor ASAP	20 Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	1250	435 sxs	Circulate to Surf
7 7/8"	5 1/2"	15.5#	4250	760 sxs	Circulate to Surf

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.

Propose to drill 12 1/4" hole to 1250' or 50' into Anhydrite Formation, run & set 1250' of 8 5/8" and cement.

Lead: 300 sxs Class "C" + additives

Tail: 135 sxs Class "C" + additives

Drill 7 7/8" hole to 4250', run & set 4250' of 5 1/2" casing and cement.

Lead: 510 sxs 35:65 POZ: Class "C" + additives

Tail: 250 sxs Class "C" + additives

Blow Out Prevention: See attached copy

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: <i>Harold Swain</i>	OIL CONSERVATION DIVISION	
Printed Name: Harold Swain	Approved by: ORIGINAL SIGNED BY	
Title: Engineering Technician	Title: PAUL E. KAITZ	
Date: 11/13/2001	Approval Date: NOV 1 2001	Expiration Date: 11/13/2002
Phone: 915-631-3733	Conditions of Approval	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

J
C
A

B
M
P

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 Ed., 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

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
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 30-025-35765	Pool Code 50350	Pool Name Penrose Skelly; Grayburg
Property Code 26483	Property Name STATE "DA"	Well Number 8
OGED No. 873	Operator Name APACHE CORPORATION	Elevation 3456

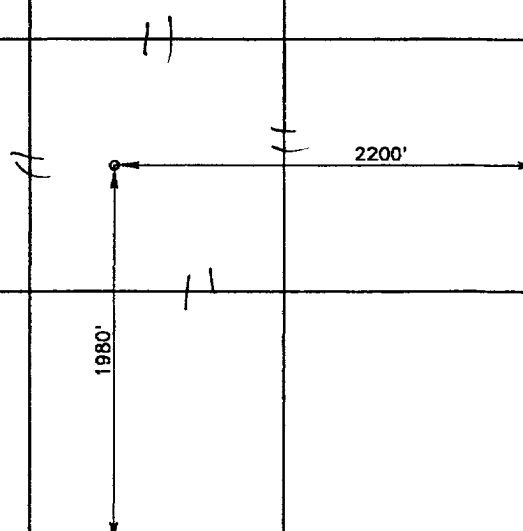
Surface Location

UL or lot No. J	Section 16	Township 21 S	Range 37 E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 2200	East/West line EAST	County LEA
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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

				OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Harold Swain Printed Name Engineering Tech Title 11/13/01 Date	
				SURVEYOR CERTIFICATION <i>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.</i> NOVEMBER 5, 2001 Date Surveyed Signature & Seal of Professional Surveyor RONALD J. EIDSON Certificate No. 3239 GARY EIDSON 12641	
GEODETIC COORDINATES SPC NMEZ NAD 1927 Y=539212.5 X=859950.1 LAT= 32°28'37.18"N LONG= 103°09'58.08"W					

WELL LOCATION AND ACREAGE DEDICATION PLAT

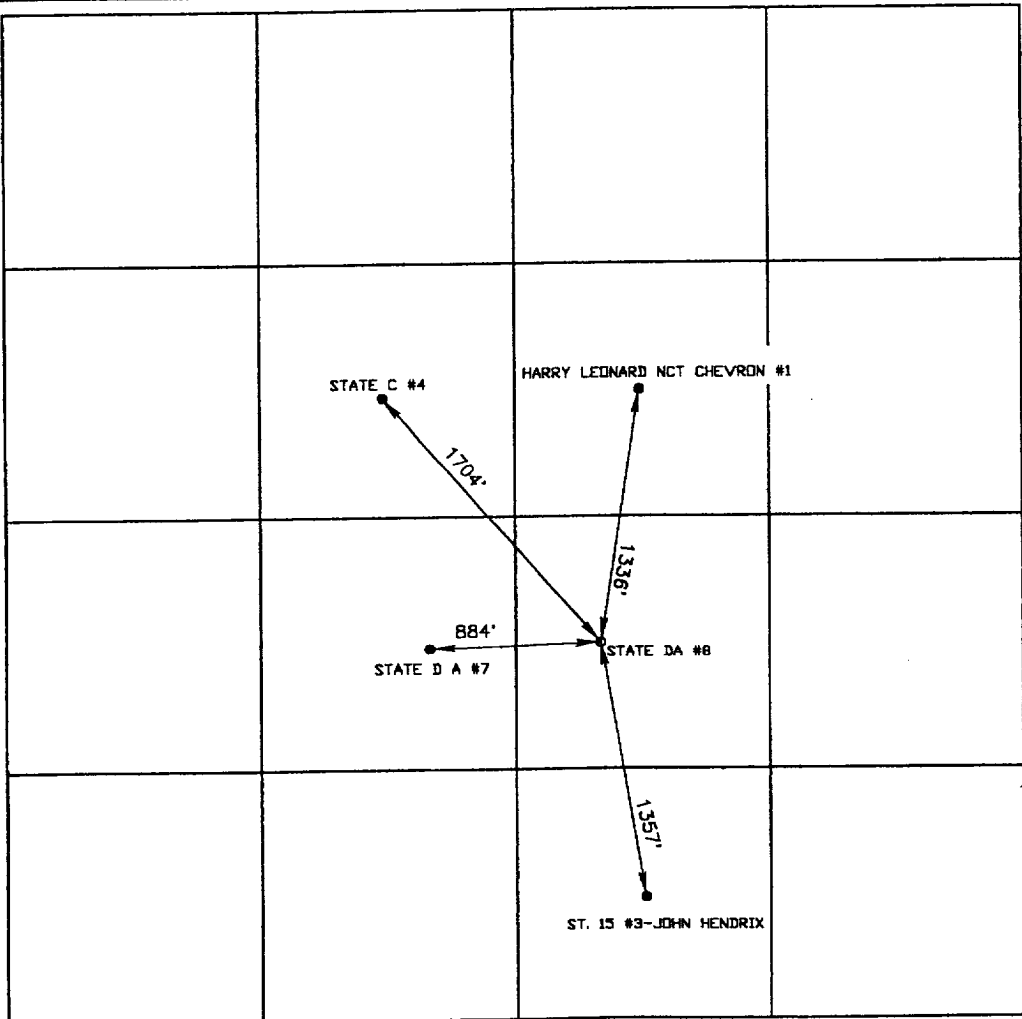
API Number 30-025- 35765	Pool Code 50350	Pool Name Penrose Skelly; Grayburg
Property Code 26483	Property Name STATE "DA"	Well Number 8
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3456

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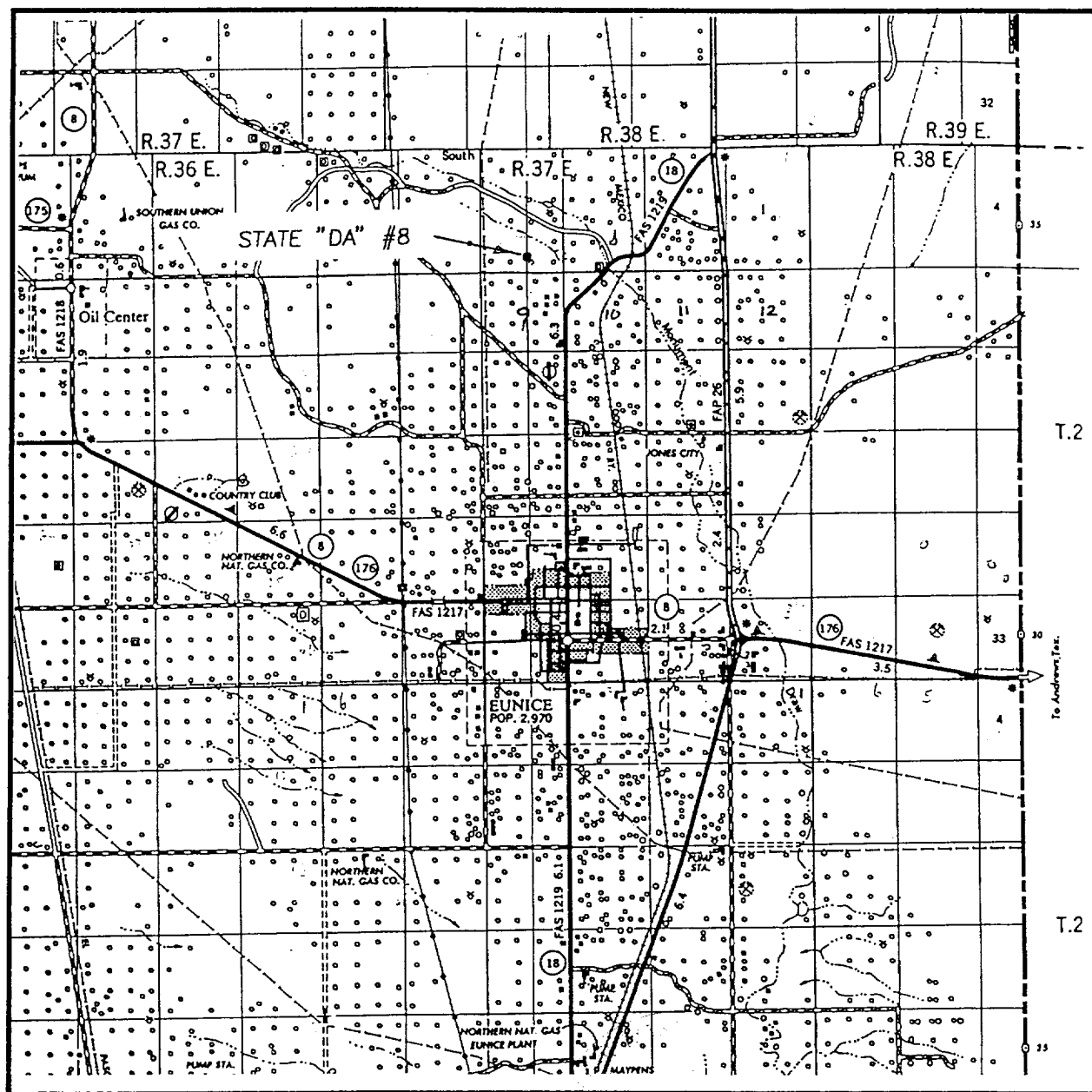
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> NOVEMBER 5, 2001 Date Surveyed Signature & Seal of Professional Surveyor WKT 01-11-1169 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 16 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

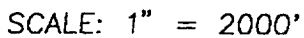
DESCRIPTION 1980' FSL & 2200' FEL

ELEVATION 3456

OPERATOR APACHE CORPORATION

LEASE STATE "DA"

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



CONTOUR INTERVAL: 10'
EUNICE, N.M.

SEC. 16 TWP. 21-S RGE. 37-E

SURVEY _____ N.M.P.M. _____

COUNTY _____ LEA _____

DESCRIPTION 1980' FSL & 2200' FEL

ELEVATION 3456

OPERATOR APACHE CORPORATION

PLEASE _____ STATE "DA"

U.S.G.S. TOPOGRAPHIC MAP

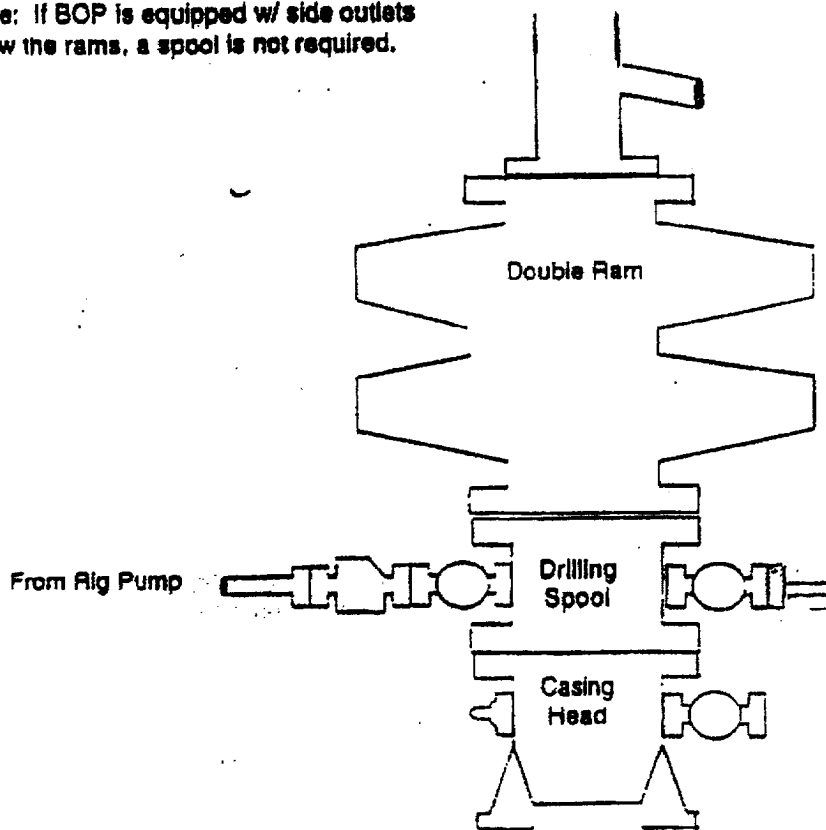
EUNICE, N.M.

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

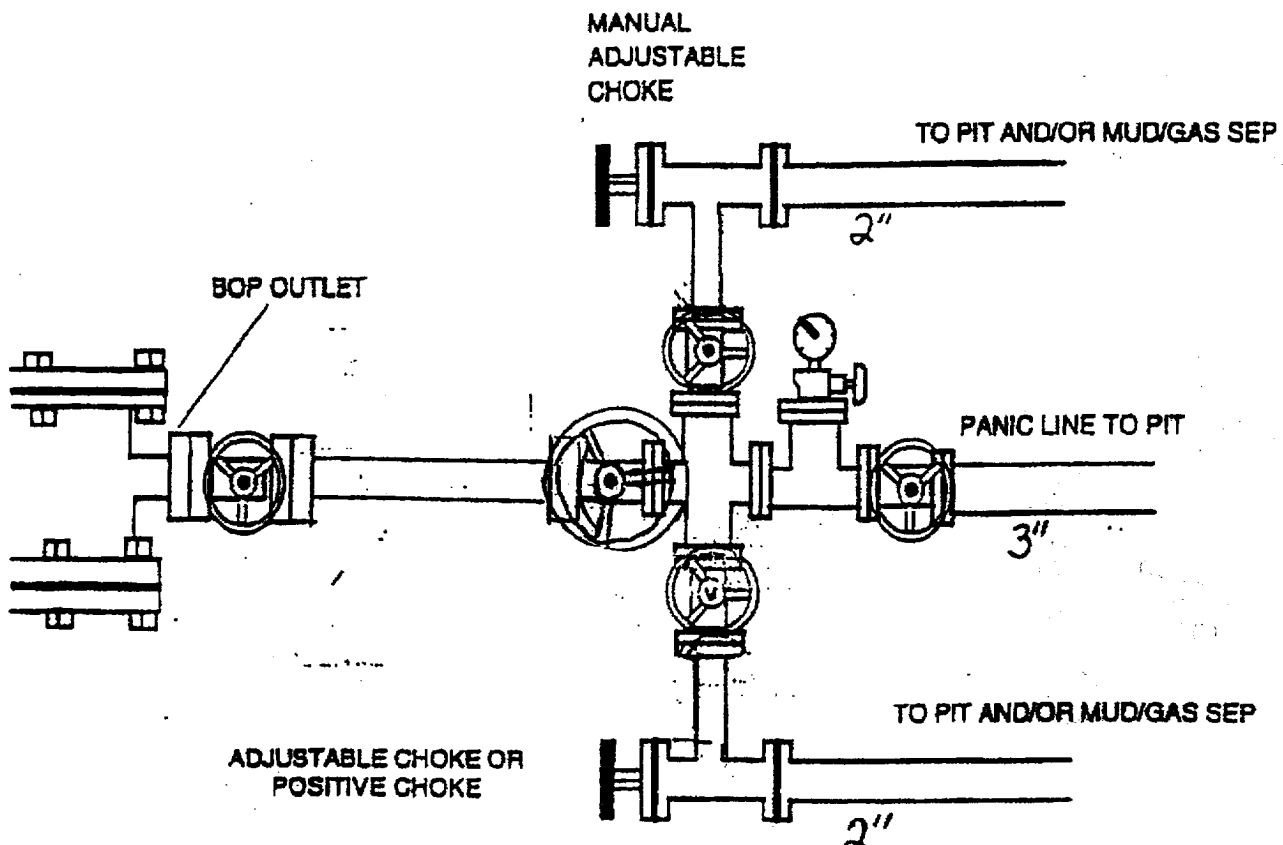
BOP Schematic

*Note: If BOP is equipped w/ side outlets below the rams, a spool is not required.

2000 psi WP Double Ram
Blow-out Preventor. Must be tested
to 1000 psi prior to drilling out
8-5/8" surface casing.



Choke Manifold Schematic



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

1/11/02