

Texaco Exploration and Production Inc

500 North Loraine Midland TX 79701

NSL-GAS. NIL

P O Box 3109 Midland TX 79702

July 28, 1997

GOV - STATE AND LOCAL GOVERNMENTS Unorthodox Location Cotton Draw Unit Well No. 86 Paduca (Devonian) Field

Eddy County, New Mexico

State of New Mexico Energy and Minerals Department Oil Conservation Division 2040 South Pacheco Santa Fe, New Mexico 87505

Attention: Mr. Michael E. Stogner

Gentlemen:

An Exception to Rule 104 F. III, by administrative approval, is requested for the captioned well. This well is located 2600' FSL & 1500' FEL, Unit Letter "J", of Section 12, T-25-S, R-31-E.

This well must be drilled in this location due to geological conditions. seen on the attached map, structural closure on the Devonian horizon is centered in the NW/4 of Section 12. The proposed location is positioned to drill near the top of the structural closure, and as close as possible to the small east-west fault which runs through sections 12 and 7, while taking maximum advantage of indicated karst reservoir as interpreted from seismic data. Production from similar Devonian fields, Chapman Deep and Vermejo Moore Hooper, demonstrate the need to encounter the Devonian structurally high and in a location of good reservoir development to improve reservoir conditions.

Texaco Exploration & Production, Inc. is the Lessee of Record of the affected adjoining and diagonal spacing units. Attached is Form C-102.

Yours very truly,

c. Wase Howard

C. W. Howard Engineer Assistant

Attachments cc: BLM, Roswell CWH

DISTRICT 1 P. O. Box 1980, Hobbs, NM 88240

DISTRICT II P. O. Drawer DD. Artesia, NM 88210

DISTRICT III

1000 Rio Brazes Rd., Aztec, NM 87410 DISTRICT IV

P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088

PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies Fee Lease-3 copies

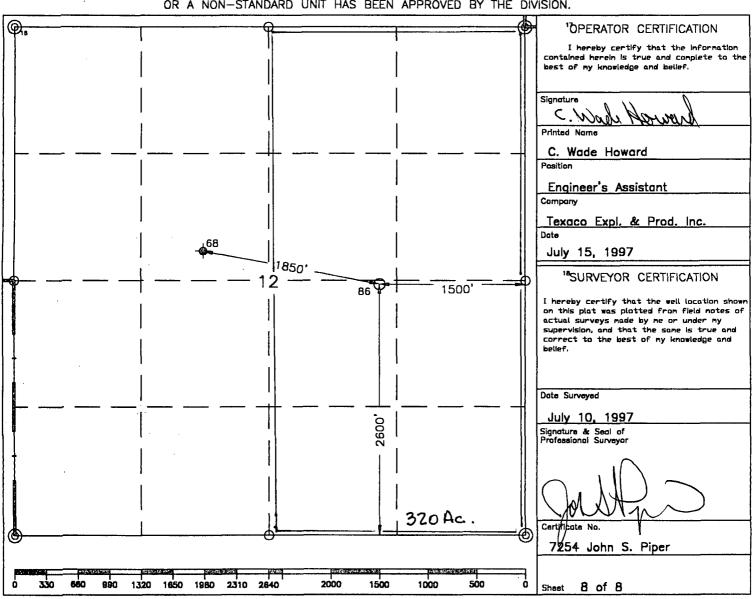
MENDED REPORT

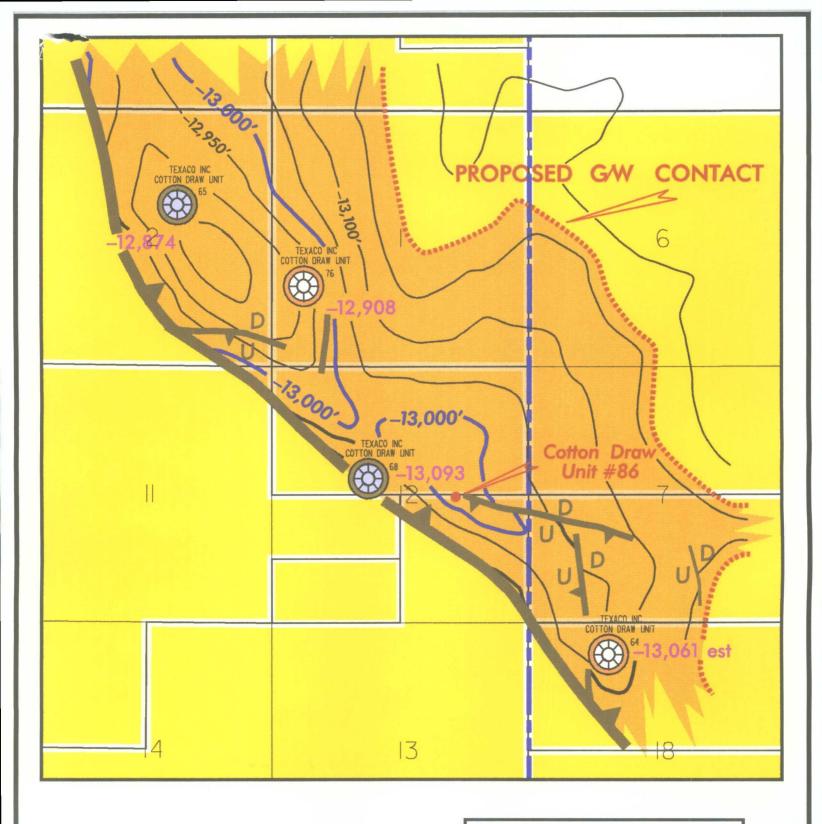
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	² Pool Code	3 Pool Name
	Paduca, Devonian	
Property Code	⁵ Property Name	⁸ Well Number
10930	Cotton Draw Unit	86
OGRID No.	BOparator Name	g Elevation
22351	TEXACO EXPLORATION & PRODUCTION, I	NC. 3421°

Surface Location North/South line UL or lot no. Section Range Lot Ida East/West line Township Feet from the Feet from the ⁷County 31-E 25-S 2600' 12 South 1500 East Eddy Bottom Hole Location If Different From Surface UL or lot no. 7County Section Range Lot idn Feet from the North/South line Feet from the East/West line Township 12Dedicated Acres 13 Joint or Infill 1*Consolidation Code ¹⁵Order No. 320

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.









TEXACO LEASEHOLD



PROSPECT AREA



DEVONIAN PRODUCTION





TEXACO E & P INC.

WESTERN E & P REGION AREA



COTTON DRAW DEVONIAN STRUCTURE MAP

EDDY AND LEA COUNTIES NEW MEXICO

STRUCTURE BASE WOODFORD CONTOUR INTERVAL = 50'

CONT. INT.: 50'
DATUM: BASE WOODFORD
DATE: JUNE 1994
REV. DATE: JUNE 1997

GEOSCIENTIST: W. R. M. & T. M. & ENGINEER: J. R. D. LANDMAN: D. L. S.

Texaco Exploration and Production Inc.

500 North Loraina Midland TX 79701 PIO Box 3109 Midland TX 79721

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DISTRICT II P. O. Drawer DD, Artesia, NM 8B210

DISTRICT III 1000 Rie Brezoe Rd., Aztec, NM 87410

660

990

1320 1650

1950 2310

2640

330

DISTRICT M

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994

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O. Box 2088, Sa	nto Fe, NM	87504 2088							r	ee rease-2 cobie			
			WELL	LOCATIO	ON AND ACF	REAGE DEDICA	ATION PLA	.T .	AME	NDED REPOR			
1 A	Name												
						uca, Devonian							
, ,	Property Code Sproperty Name												
10030		Cotton Draw Unit 86											
OGRID No. 22351			INO		⁸ Elevation 3421								
22351				TEXACO		& PRODUCTION,	INC.			3421			
UL or lot no.	Section	Township	Range	Lot Idn	10 Surface L	OCCITION North/South line	Feet from the	Eggt/Wes	t line	County			
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¹² Dedicated Acres 320	13.Jo	int or Infill	¹ Consolid	lation Code	¹⁵ Order No.				•				
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	·	 	68			 .		Engineer's Ascompany Texaco Expl. July 15, 199	& Pro				

18SURVEYOR CERTIFICATION 1500 86 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 knowledge and Date Surveyed July 10, 1997 Signature & Seal of Professional Surveyor 320 Ac.

2000

1500

500

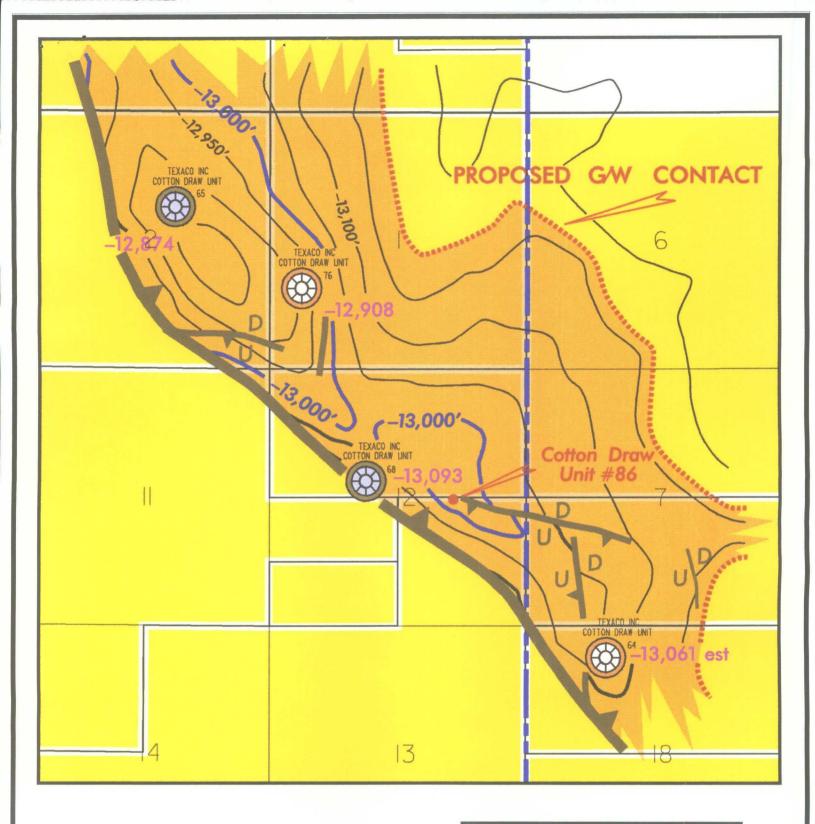
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1000

Certificate No.

7254 John S. Piper

8 of 8 Sheat







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DEVONIAN PENETRATION



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Description - 4 Sec. 18 (R-3/95 3-1-67)

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