



NSL 8/19/97

Texaco Exploration  
and Production Inc

500 North Loraine  
Midland TX 79701

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. As 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.

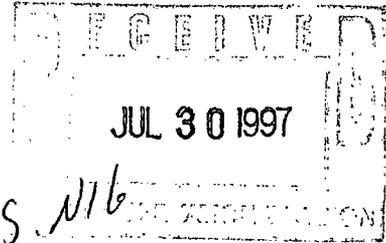
Texaco Exploration & Production, Inc. is the Lessee of Record of the affected adjoining and diagonal spacing units. Attached is Form C-102.

Yours very truly,

*C. Wade Howard*

C. W. Howard  
Engineer Assistant

CWH Attachments cc: BLM, Roswell



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

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

DISTRICT III  
1000 Rio Brazos 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  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

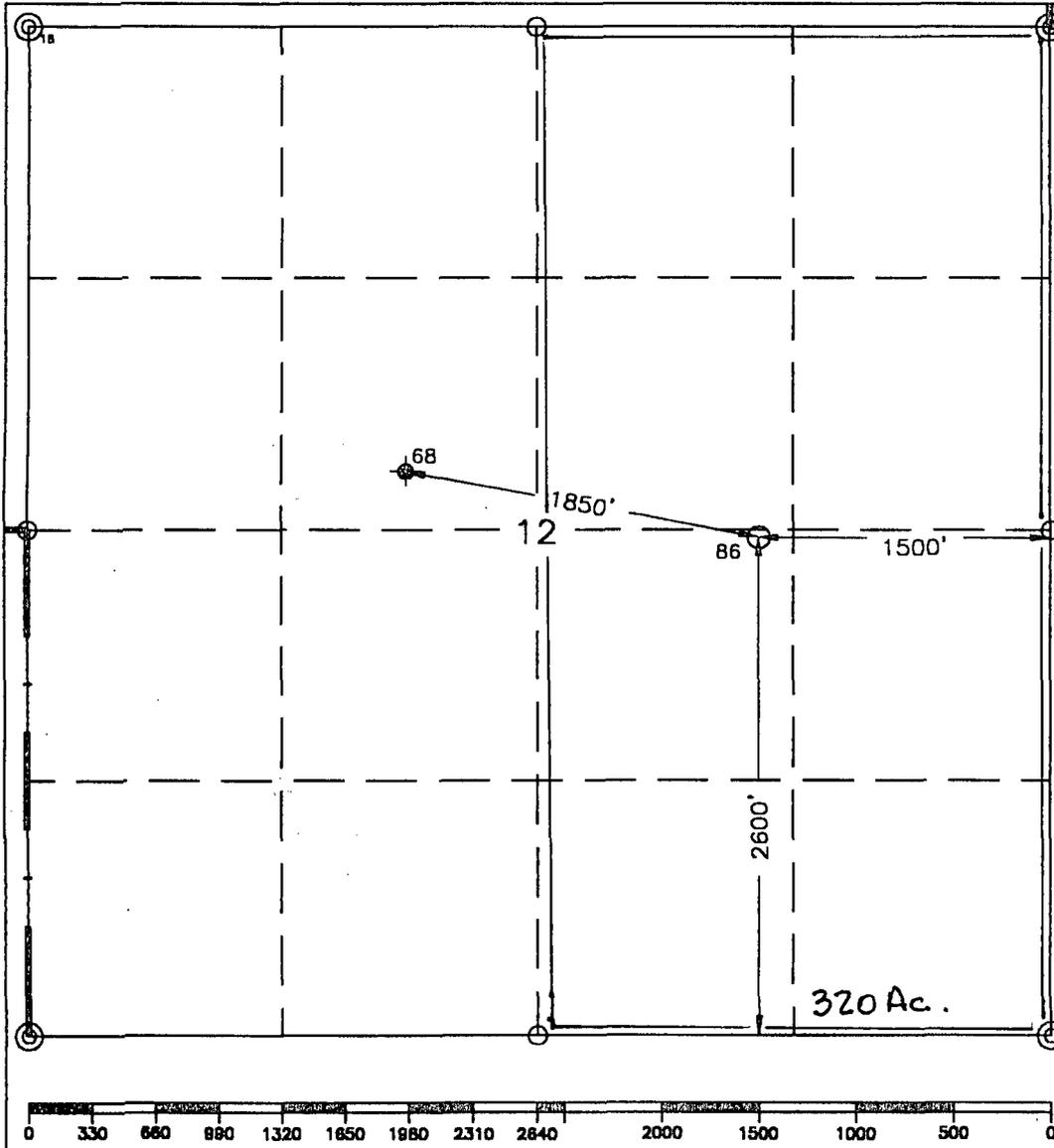
State Lease-4 copies  
Fee Lease-3 copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

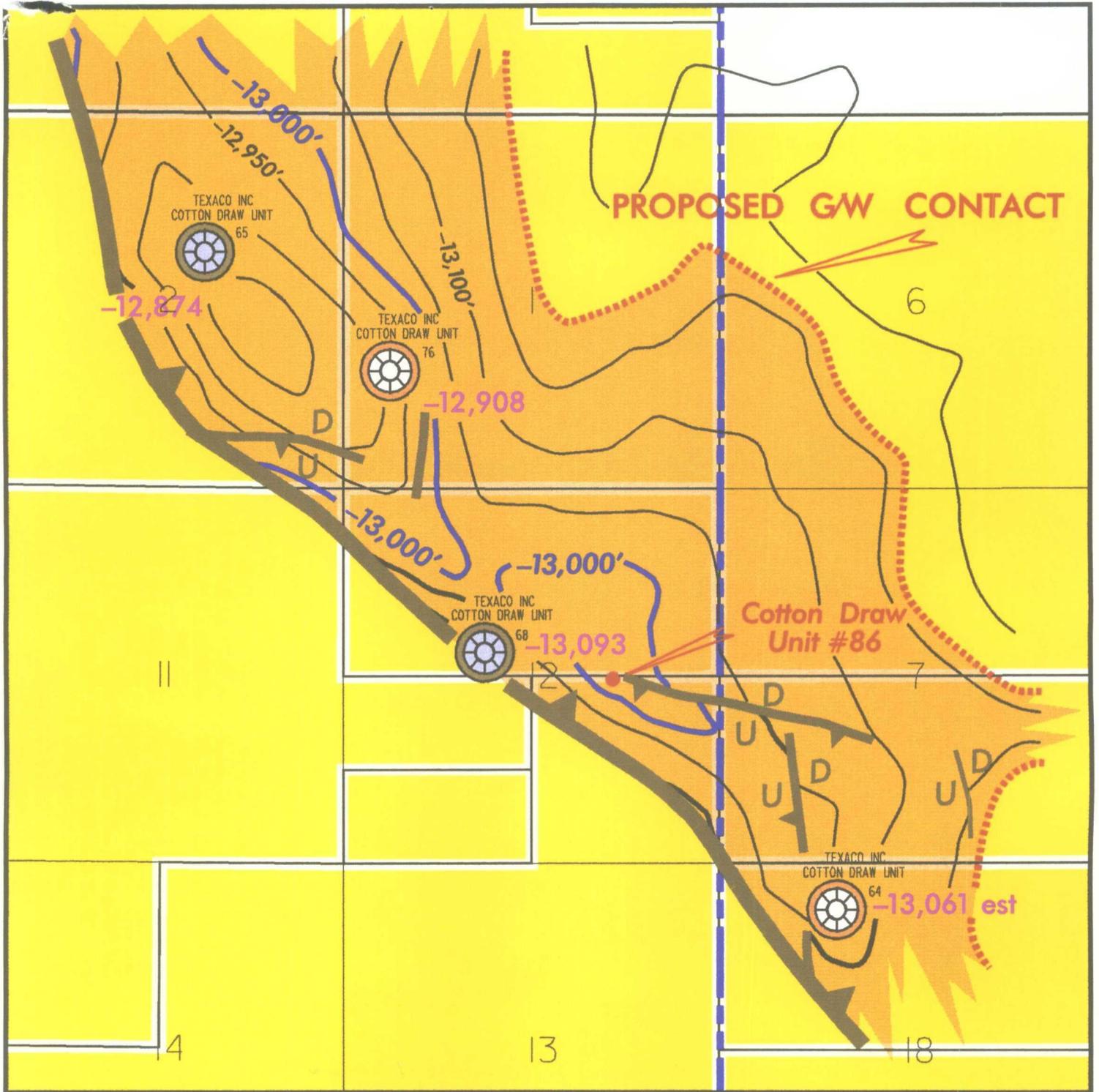
<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name Paduca, Devonian					
<sup>4</sup> Property Code 10920		<sup>5</sup> Property Name Cotton Draw Unit						<sup>6</sup> Well Number 86	
<sup>7</sup> GRID No. 22351		<sup>8</sup> Operator Name TEXACO EXPLORATION & PRODUCTION, INC.						<sup>9</sup> Elevation 3421'	
<sup>10</sup> Surface Location									
UL or lot no. J	Section 12	Township 25-S	Range 31-E	Lot Idn	Feet from the 2600'	North/South line South	Feet from the 1500'	East/West line East	<sup>7</sup> County Eddy
<sup>11</sup> 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	<sup>7</sup> County
<sup>12</sup> Dedicated Acres 320		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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.

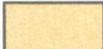


<sup>10</sup> OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Signature	<i>C. Wade Howard</i>
Printed Name	C. Wade Howard
Position	Engineer's Assistant
Company	Texaco Expl. & Prod. Inc.
Date	July 15, 1997
<sup>11</sup> 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 knowledge and belief.	
Date Surveyed	July 10, 1997
Signature & Seal of Professional Surveyor	<i>John S. Piper</i>
Certificate No.	7254 John S. Piper
Sheet 8 of 8	

○ = Staked Location   ● = Producing Well   ◐ = Injection Well   ⊕ = Water Supply Well   ⊖ = Plugged & Abandon Well



**LEGEND**

-  TEXACO LEASEHOLD
-  PROSPECT AREA
-  DEVONIAN PRODUCTION
-  DEVONIAN PENETRATION

	<b>TEXACO E &amp; P INC.</b> WESTERN E & P REGION AREA	
<b>COTTON DRAW DEVONIAN STRUCTURE MAP</b>		
EDDY AND LEA COUNTIES NEW MEXICO		
STRUCTURE BASE WOODFORD CONTOUR INTERVAL = 50'		
CONT. INT.: 50'	GEOLOGICIST: W. R. M. & T. M. S.	
DATUM: BASE WOODFORD	ENGINEER: J. R. D.	
DATE: JUNE 1994	LANDMAN: D. L. S.	
REV. DATE: JUNE 1997		



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and Production Inc

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Midland TX 79701

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Revised February 10, 1994

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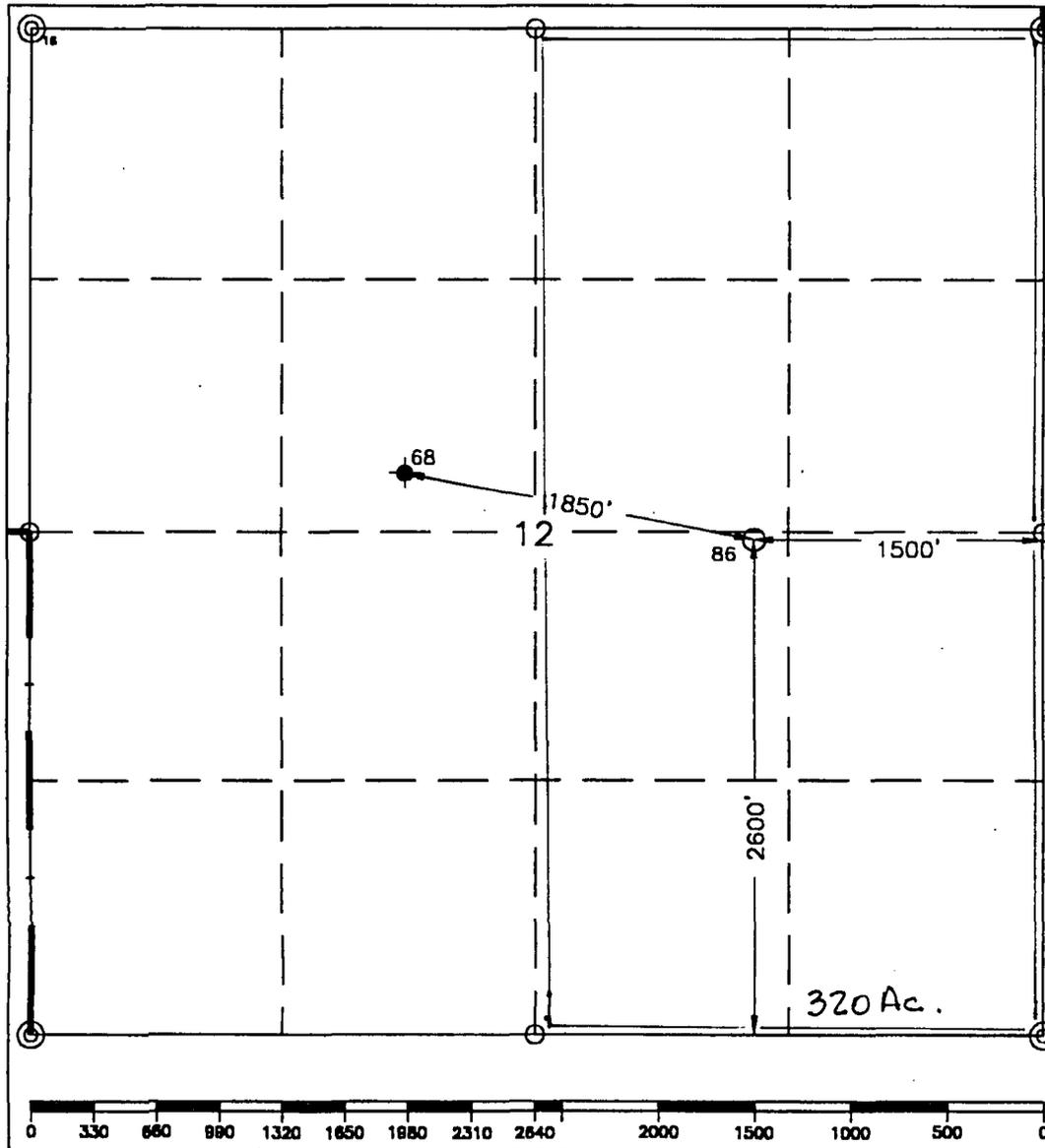
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Printed Name  
C. Wade Howard

Position  
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Company  
Texaco Expl. & Prod. Inc.

Date  
July 15, 1997

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**<sup>16</sup>SURVEYOR CERTIFICATION**

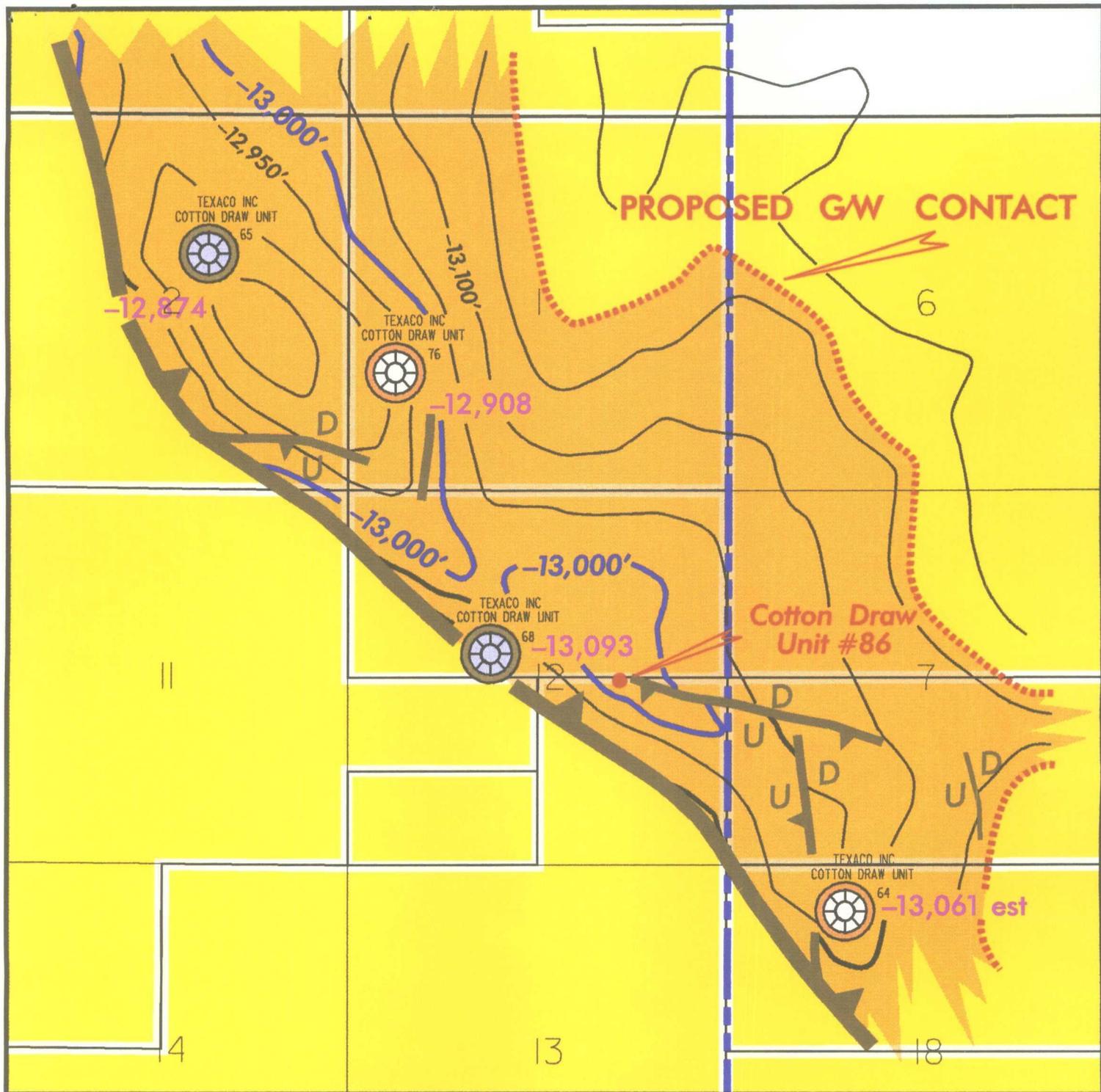
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Signature & Seal of Professional Surveyor  
*John S. Piper*

Certificate No.  
7254 John S. Piper

Sheet 8 of 8



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- PROSPECT AREA
- DEVONIAN PRODUCTION
- DEVONIAN PENETRATION

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WESTERN E & P REGION AREA	
<span style="font-weight: bold; font-size: 1.1em;">COTTON DRAW DEVONIAN STRUCTURE MAP</span>	
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