

5/17/00 6/6/00 MS NW NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

A. Phil Ryan
Print or Type Name

A. Phil Ryan
Signature

Commission Coordinator
Title

5/17/00
Date



Texaco North America Production
Denver Region - Permian Business Unit

500 North Loraine
Midland TX 79701

P O Box 3109
Midland TX 79702

May 16, 2000

GOV – STATE AND LOCAL GOVERNMENTS

Unorthodox Location

**Cotton Draw Unit Well No. 88
Paduca South, Wolfcamp Field
Lea 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. (2) by administrative approval is requested for the captioned well. The well is located 2210' FSL & 1360' FWL, Unit Letter "K", of Section 7, T-25-S, R-32-E.

This well must be drilled in this location due to geological conditions. It is believed the environment of deposition for Wolfcampian reservoirs in the Cotton Draw area represents detrital sediments. Lithologically theses are composed of spiculitic limestones with fair to good porosity, but low matrix permeability and productivity. Using attribute analysis on 3D seismic, Texaco believes it can find not only thicker zones of the Wolfcamp detrital, but; also, identify potentially fracture-enhanced reservoirs.

The attached map is a four mile square mile area (sections 1 & 12 from T-25-S, R-31-E and sections 6 & 7 from T-25-S, R-32-E) seismic attribute map identifying the Cotton Draw Unit well #88 as being the best opportunity for thicker and better reservoir rock in the Wolfcamp. To venture out of the thickest part of the Wolfcamp identified by seismic could reduce the reservoir quality considerably. Therefore, Texaco's reason for this location is seismically and geologically driven.

There are no other operators in this section.

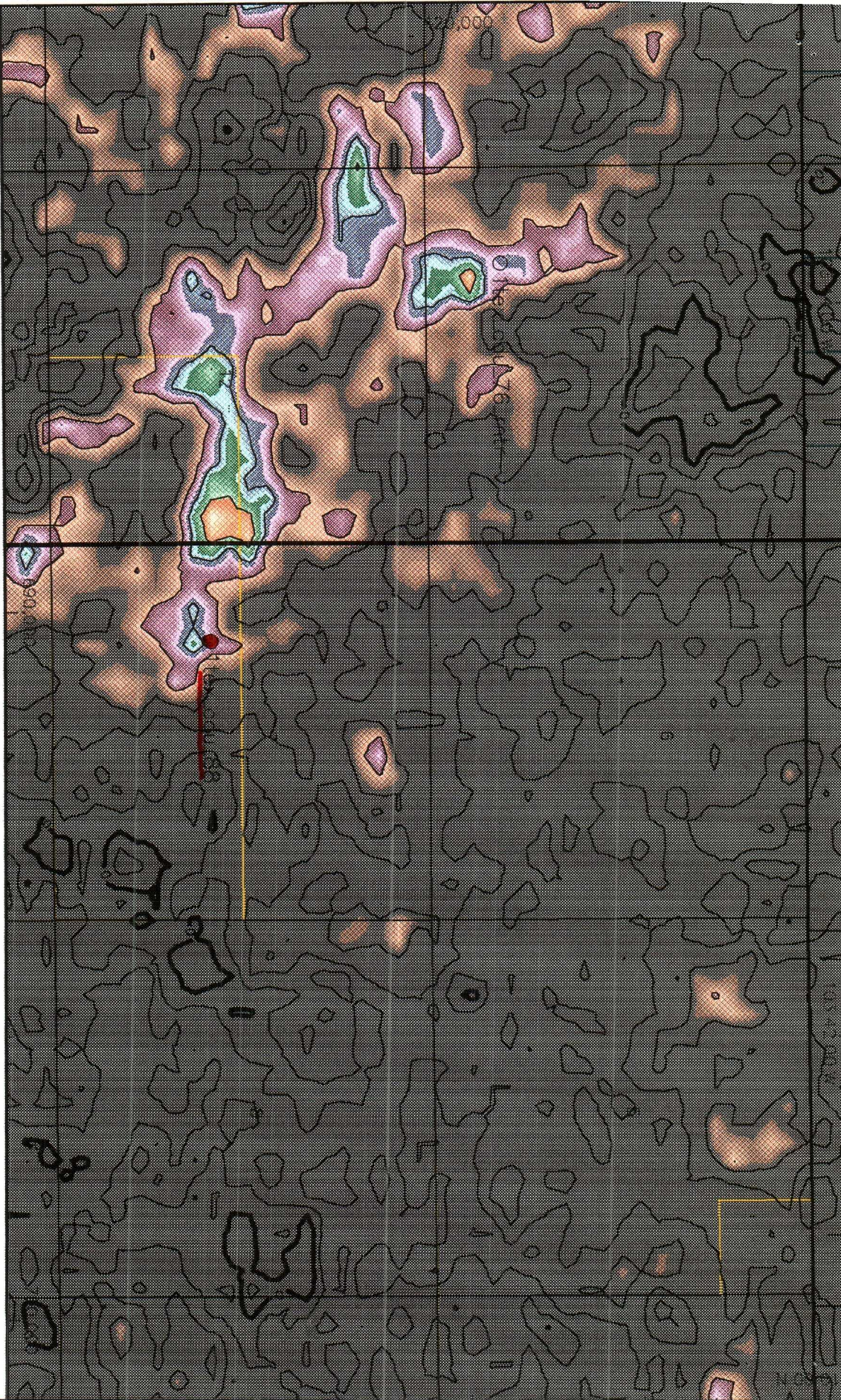
If there are any questions, please feel free to contact me at (915) 688-4606.

Sincerely,

A. Phil Ryan
Commission Coordinator
Attachments
CC: BLM, Roswell, NM

Texaco Exploration & Prod.
Cotton Draw Unit 88
Amplitude Map on wolfcamp marker

Sec 7 T-25-S R-32-E



Project name : cotton_ross_a

Map name : for_printing

Map type :

Surface name : None

Description :

Datum :

Projection : NAD27 New Mexico State Planes, Eastern Zone

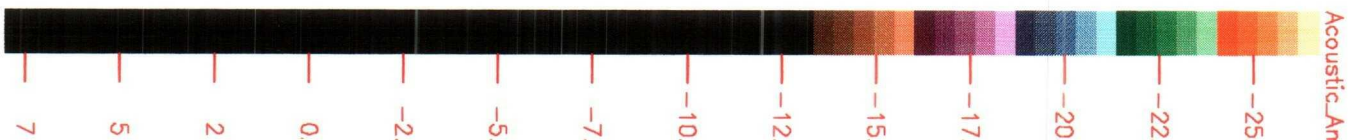
Zone : 3001

Spheroid : Clarke 1866

Units : Feet

Prepared by : Glenn Winters

Plot creation date : May 16, 2000 02:00 PM



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

¹ API Number		² Pool Code		³ Pool Name Paduca South, Wolfcamp, DELAWARE	
⁴ Property Code		⁵ Property Name Cotton Draw Unit			⁶ Well Number 88
⁷ OGRID No. 22351		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.			⁹ Elevation 3425'

¹⁰ Surface Location

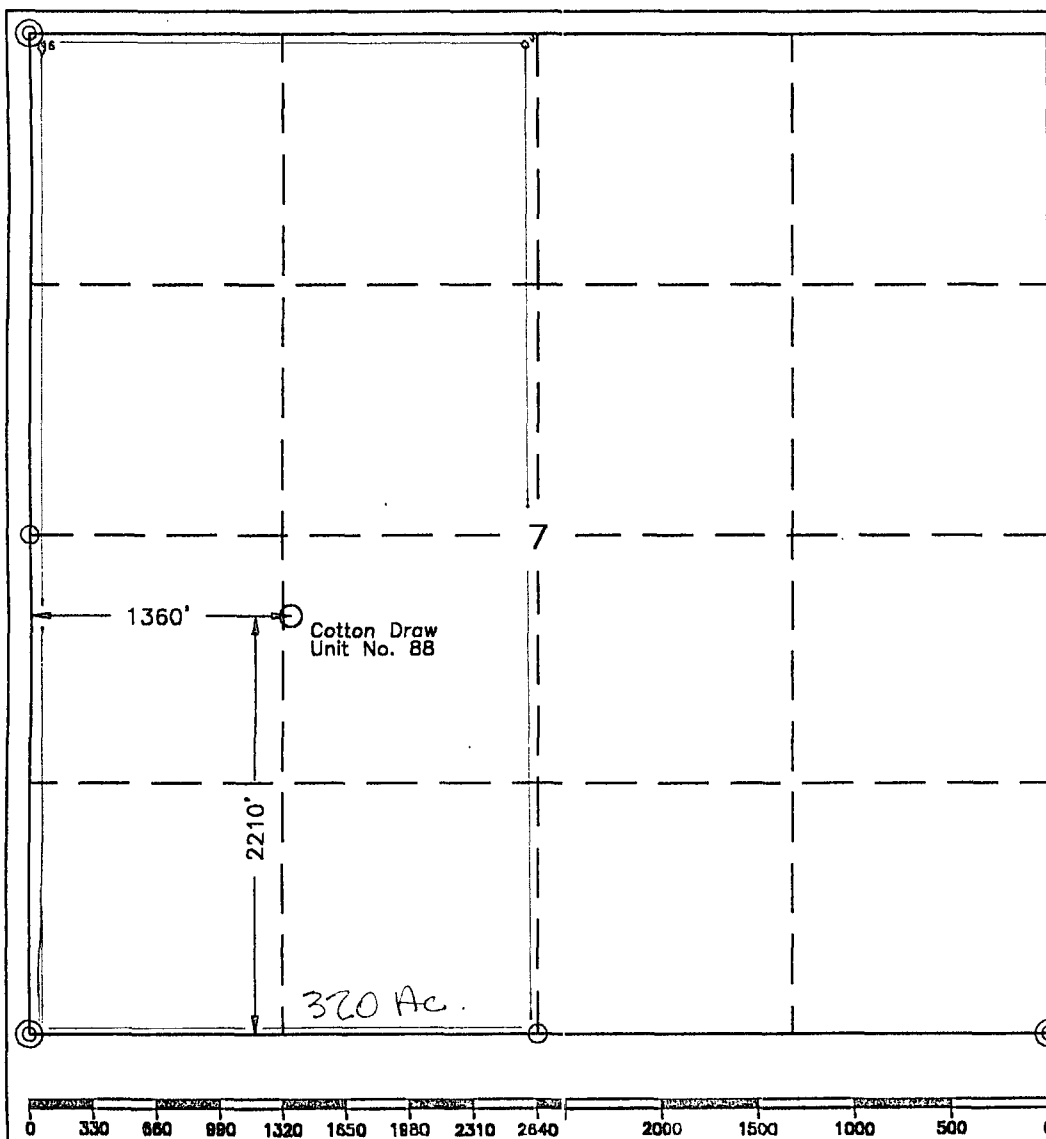
UL or lot no. K	Section 7	Township 25-S	Range 32-E	Lot Idn	Feet from the 2210'	North/South line South	Feet from the 1360'	East/West line West	⁷ County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

A. Phil Ryan

Position

Commissioner Coordinator

Company

Texaco Expl. & Prod. Inc.

Date

April 24, 2000

¹⁸ 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

April 20, 2000

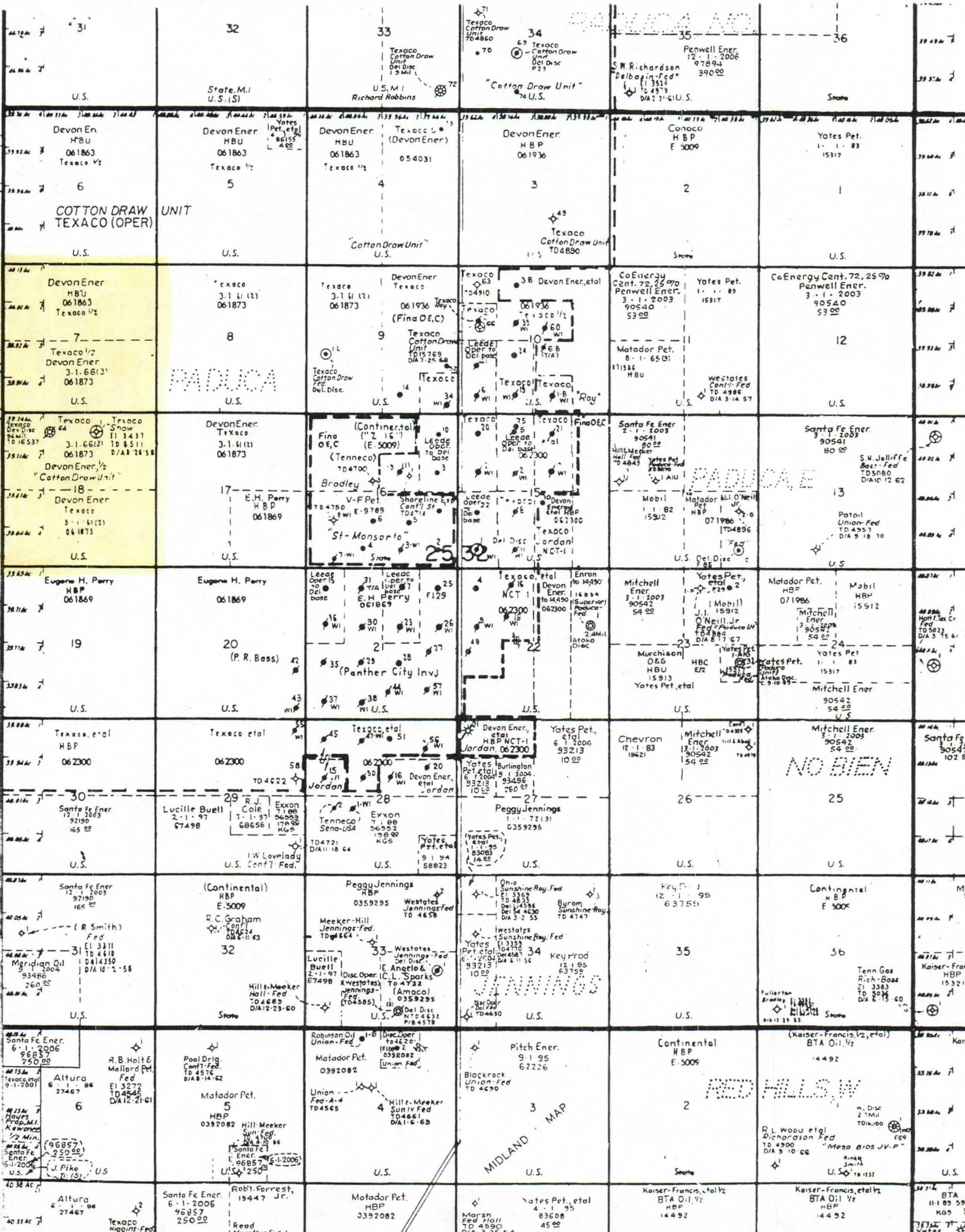
Signature & Seal of
Professional Surveyor

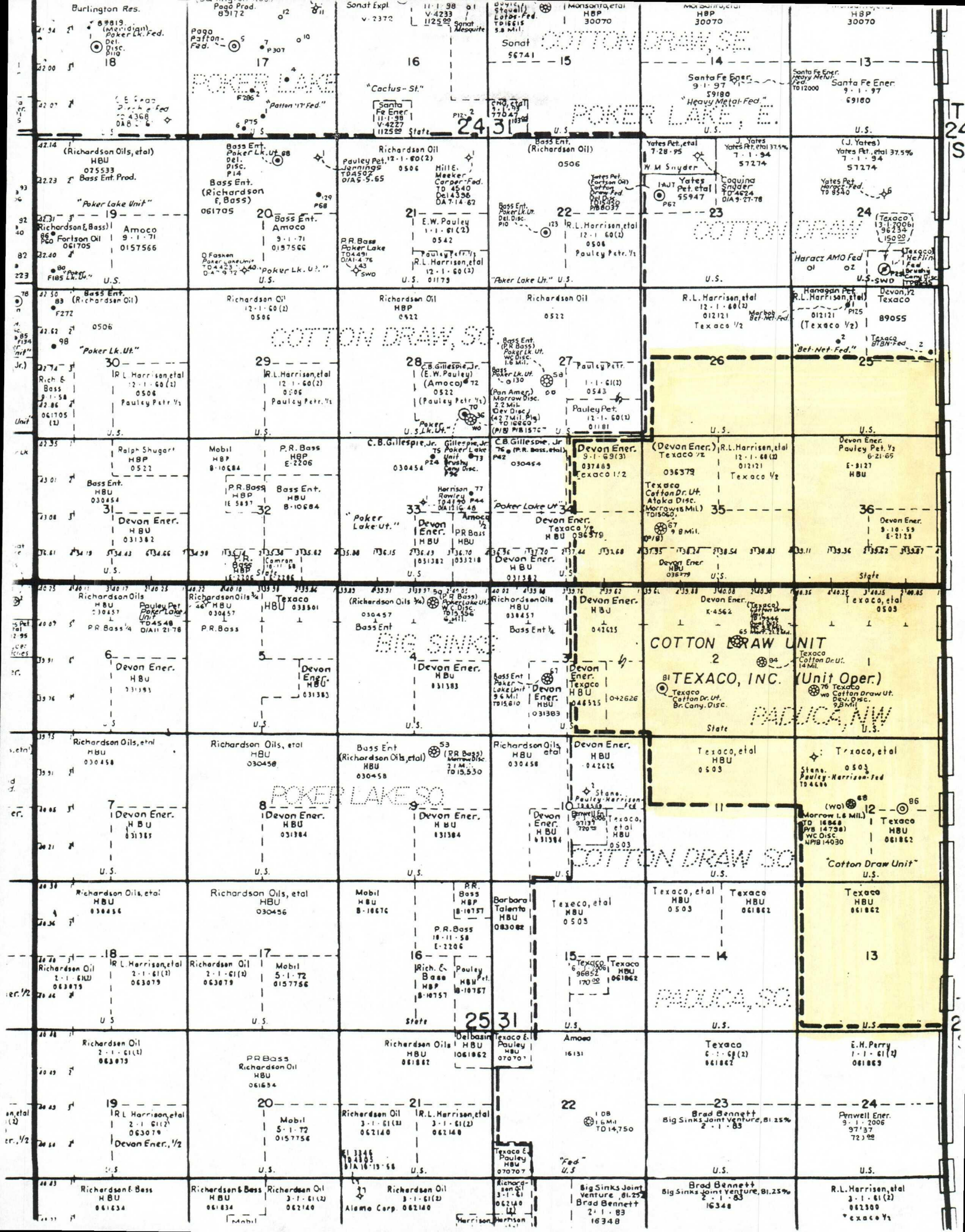
Certificate No.

7254 John S. Piper

Sheet 1 of 1

○ = Staked Location ● = Producing Well = Injection Well ◇ = Water Supply Well ⊗ = Plugged & Abandon Well





R-32-E



R-32-E

Contracted
LEGEND Unit

Area

8-19-70

UNIT BOUNDARY

STATE LAND --- 3,197.88 ACRES 8

FEDERAL LAND --- 31,866.38 ACRES

FEE LAND --- 80.00 ACRES

SCALE 1 MILE