

57

RECEIVED

FRED POOL DRILLING, INC.

MAY 8 '89

P.O. Box 1393  
Roswell, New Mexico 88201

O. C. D.  
ARTESIA, OFFICE

May 4, 1989

State of New Mexico  
Energy and Minerals Dept.  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

RE: Application for Unorthodox Location.  
Application for Multiple Completion.  
Fred Pool Drilling, Inc.  
Eastland State #4 Well  
660' FNL & 660' FWL, Sec. 13, T.9S, R.26E,  
Chaves County, New Mexico.

Gentlemen:

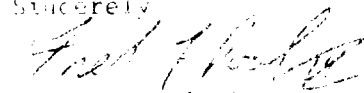
Fred Pool Drilling, Inc. simultaneously submits herewith an application for Multiple Completion and Unorthodox Location for the above captioned well. If application for mutiple completion is approved as filed, it will result in an unorthodox location for the wolfcamp formation, the lower zone in the proposed multiple completion.

We therefore request approval of an Unorthodox Location and Multiple Completion for the referenced well, The Eastland State #4, 660' FNL & 660' FWL Section 13 Township 9 South, Range 26 East of Chaves County, New Mexico.

The necessity for this request resulted from our penetration of the wolfcamp zone in the course of drilling the subject well. Since we encountered both ABO and Wolfcamp gas zones in the well, we would like to produce from both zones as outlined in our request for a multiple completion.

Thank you for your consideration in this matter. If I may be of any assistance, please advise.

Sincerely,



Fred A. Pool, III  
Engineer

FFP/ceb

Enclosures

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MAY 10 1989

OIL CONSERVATION DIV.  
SANTA FE

**RECEIVED**  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO  
 APPLICATION FOR MULTIPLE COMPLETION  
**MAY 7 8 '89**

Fbrm C-107  
 5-1-61

**O. C. D.**

Fred Pool Drilling, Inc.	County <b>ARTESIA OFFICE</b> Chaves	Date 5/4/89
P.O. Box 1393, Roswell, NM 88202	Lease Eastland State	Well No. 4
D	Township 9S	Range 26E

Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO XX

If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator Lease, and Well No.: \_\_\_\_\_

The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Foor Ranch abo		Foor Ranch wolfcamp
b. Top and Bottom of Pay Section (Perforations)	4854-4873		5280-5290
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

The following are attached. (Please check YES or NO)

- Yes  No
- a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
  - b. Plot showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
  - c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*
  - d. A certified log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

List all offset operators to the lease on which this well is located together with their correct mailing address.

Yates Petroleum Corporation 207 S. Fourth St., Artesia, NM 88210

Philo Basic Broadcasting, P.O. Box 2526, Amarillo, TX 79105

Elk Oil Company, P.O. Box 310, Roswell, NM 88202

Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO \_\_\_\_\_ If answer is yes, give date of such notification: 5/4/89

CERTIFICATE: I, the undersigned, state that I am the Petroleum Engineer of the Fred Pool Drilling, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

  
 \_\_\_\_\_  
 Sign

*Should notices from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest or request for hearing is received by the Santa Fe office, the application will then be processed.*

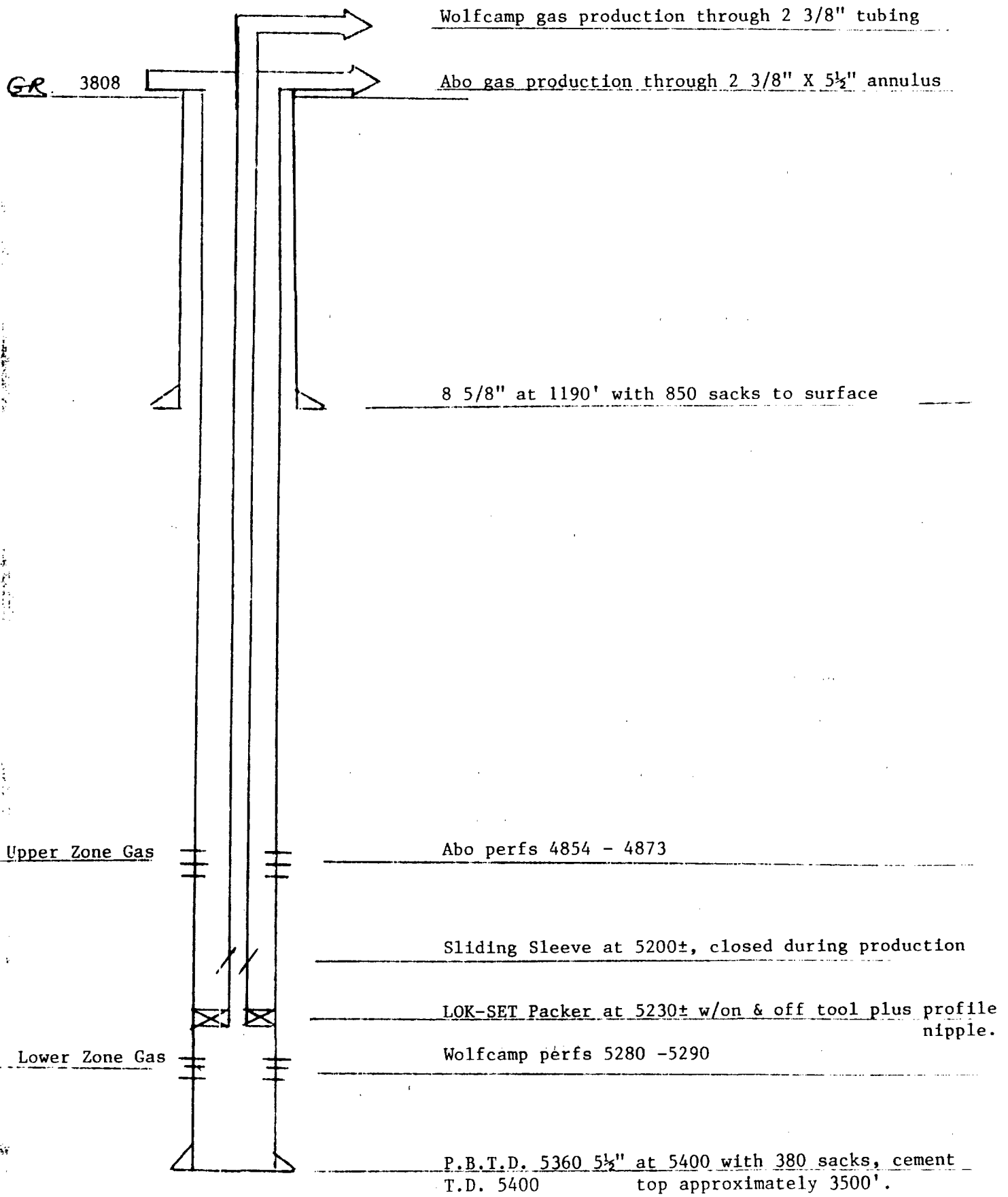
NOTE: If the proposed multiple completion is in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

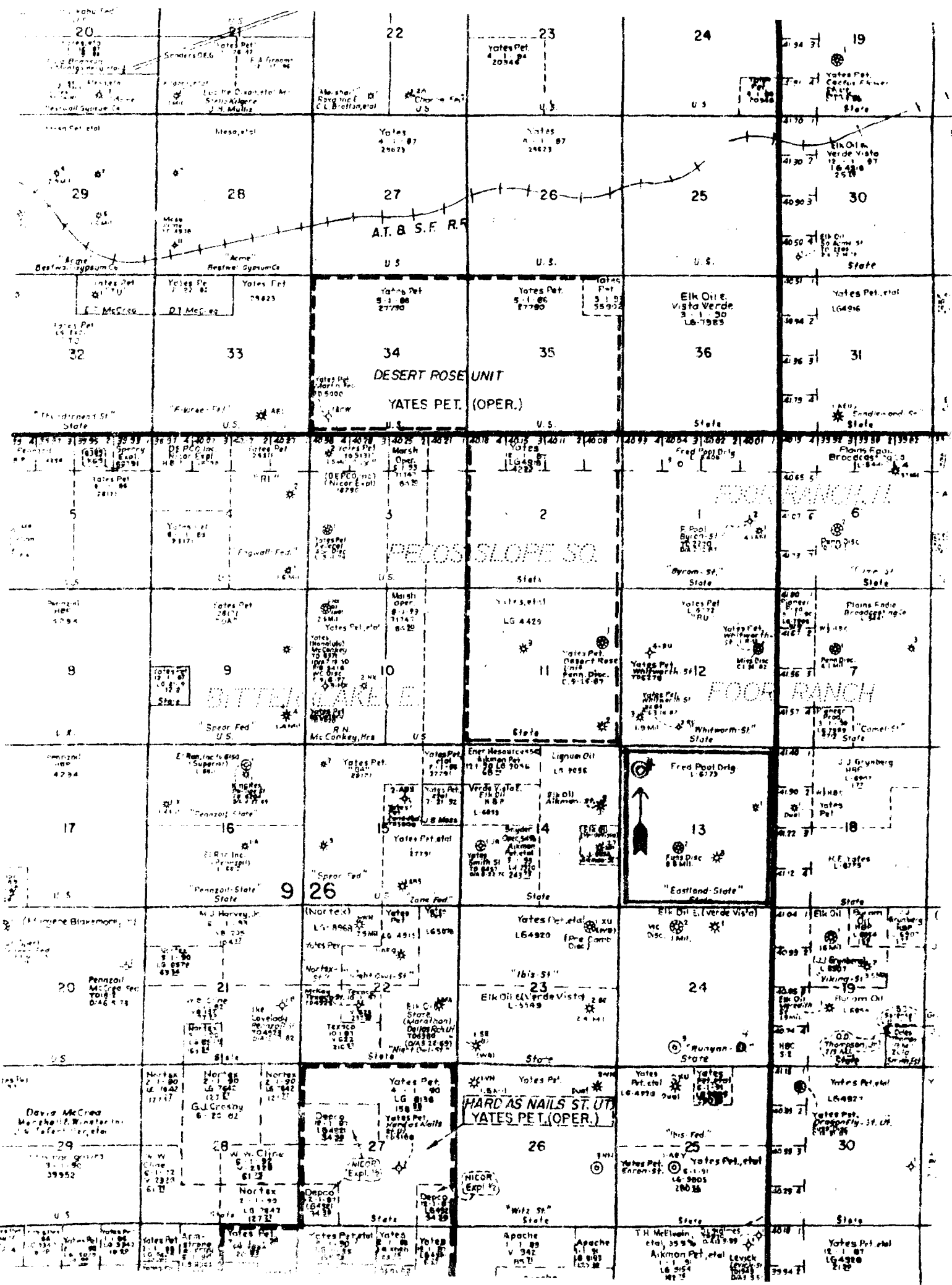
Fred Pool Drilling, Inc.

Eastland State #4

660' FNL & 660 FWL, Sec. 13, T.9S, R.26E, Chaves County

Schematic of Proposed Multiple Competition





A.T. & S.F. R.R.

DESERT ROSE UNIT  
YATES PET. (OPER.)

PECOS SLOPE SQ.

BITTEN LAKE E.

FOOR RANCH

HARD AS NAILS ST. UT.  
YATES PET. (OPER.)

20 Yates Pet. 4.1.84 20442	22 Yates Pet. 4.1.84 20442	23 Yates Pet. 4.1.84 20442	24 U.S.	19 Yates Pet. Cochran State
29 Bestway Yates Pet. 5.1.80 27790	28 Yates Pet. 5.1.80 27790	27 Yates Pet. 5.1.80 27790	26 U.S.	30 Eik Oil & Verde Vista 12.1.87 16-498 2538
32 Yates Pet. 5.1.80 27790	33 Yates Pet. 5.1.80 27790	34 Yates Pet. 5.1.80 27790	35 Yates Pet. 5.1.80 27790	31 Yates Pet. et al 16496
5 Yates Pet. 8.1.83 28171	4 Yates Pet. 8.1.83 28171	3 Yates Pet. 8.1.83 28171	2 Yates Pet. 8.1.83 28171	6 E Pool Burr St 12.1.87 16-498 2538
9 Yates Pet. 8.1.83 28171	9 Yates Pet. 8.1.83 28171	10 Yates Pet. 8.1.83 28171	11 Yates Pet. 8.1.83 28171	7 Yates Pet. 8.1.83 28171
17 Yates Pet. 8.1.83 28171	16 Yates Pet. 8.1.83 28171	15 Yates Pet. 8.1.83 28171	14 Yates Pet. 8.1.83 28171	18 Yates Pet. 8.1.83 28171
20 Yates Pet. 8.1.83 28171	21 Yates Pet. 8.1.83 28171	22 Yates Pet. 8.1.83 28171	23 Yates Pet. 8.1.83 28171	19 Yates Pet. 8.1.83 28171
29 Yates Pet. 8.1.83 28171	28 Yates Pet. 8.1.83 28171	27 Yates Pet. 8.1.83 28171	26 Yates Pet. 8.1.83 28171	30 Yates Pet. 8.1.83 28171
24 Yates Pet. 8.1.83 28171	25 Yates Pet. 8.1.83 28171	26 Yates Pet. 8.1.83 28171	25 Yates Pet. 8.1.83 28171	30 Yates Pet. 8.1.83 28171
24 Yates Pet. 8.1.83 28171	25 Yates Pet. 8.1.83 28171	26 Yates Pet. 8.1.83 28171	25 Yates Pet. 8.1.83 28171	30 Yates Pet. 8.1.83 28171

LITHO-DENSITY COMPENSATED NEUTRO

CSU

COMPANY: FRED POOL DRILLING, INC.  
WELL: EASTLAND STATE NO. 4  
FIELD: FOUR RANCH  
COUNTY: CHAVES  
STATE: NEW MEXICO  
NATION: USA  
LOCATION: 660' FNL & 660' FWL

RECEIVED

MAY 8 '89

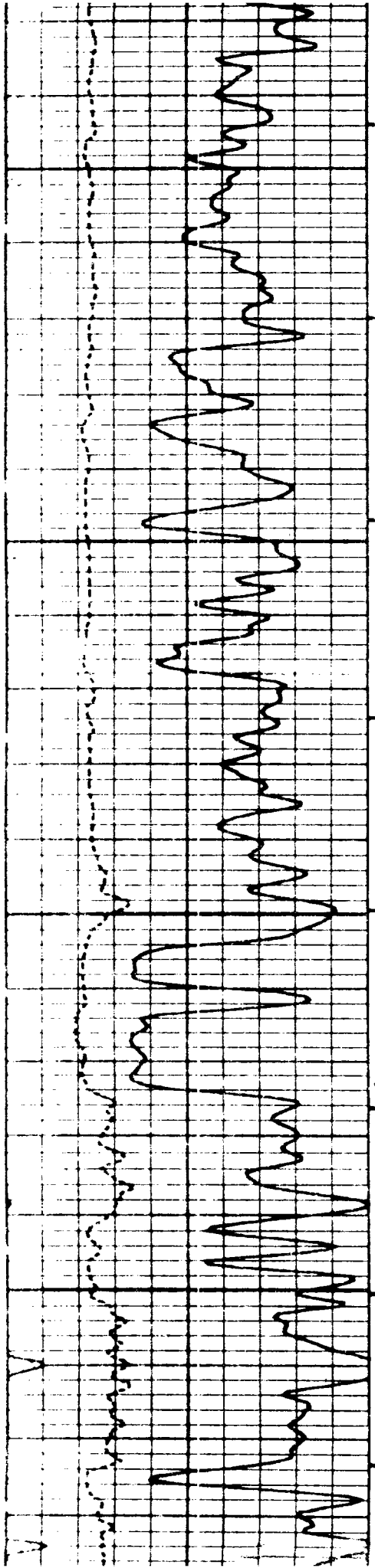
O. C. D.  
ARTESIA, OFFICE

SEC: 13                      TWP: 9S                      RGE: 26E

PERMANENT DATUM:                      GL                      ELEVATIONS-  
ELEV. OF PERM. DATUM: 3808.0 F                      KB: 3816.0 F  
LOG MEASURED FROM:                      KB                      DF: 3815.0 F  
                    8.0 F                      ABOVE PERM. DATUM                      GL: 3808.0 F  
DRLG. MEASURED FROM:                      KB

DATE:                      24 APR 89  
RUN NO:                      1

DEPTH-DRILLER:                      5400.0 F  
DEPTH-LOGGER:                      5400.0 F  
BTH. LOG INTERVAL:                      5367.0 F  
TOP LOG INTERVAL:                      50.0 F  
  
CASING-DRILLER:                      1185.0 F  
CASING-LOGGER:                      1185.0 F  
CASING:                      8 5/8  
                    HEIGHT:                      24.0000 LB/F  
BIT SIZE:                      7 7/8  
                    DEPTH:                      5400.0 F



4800

4854

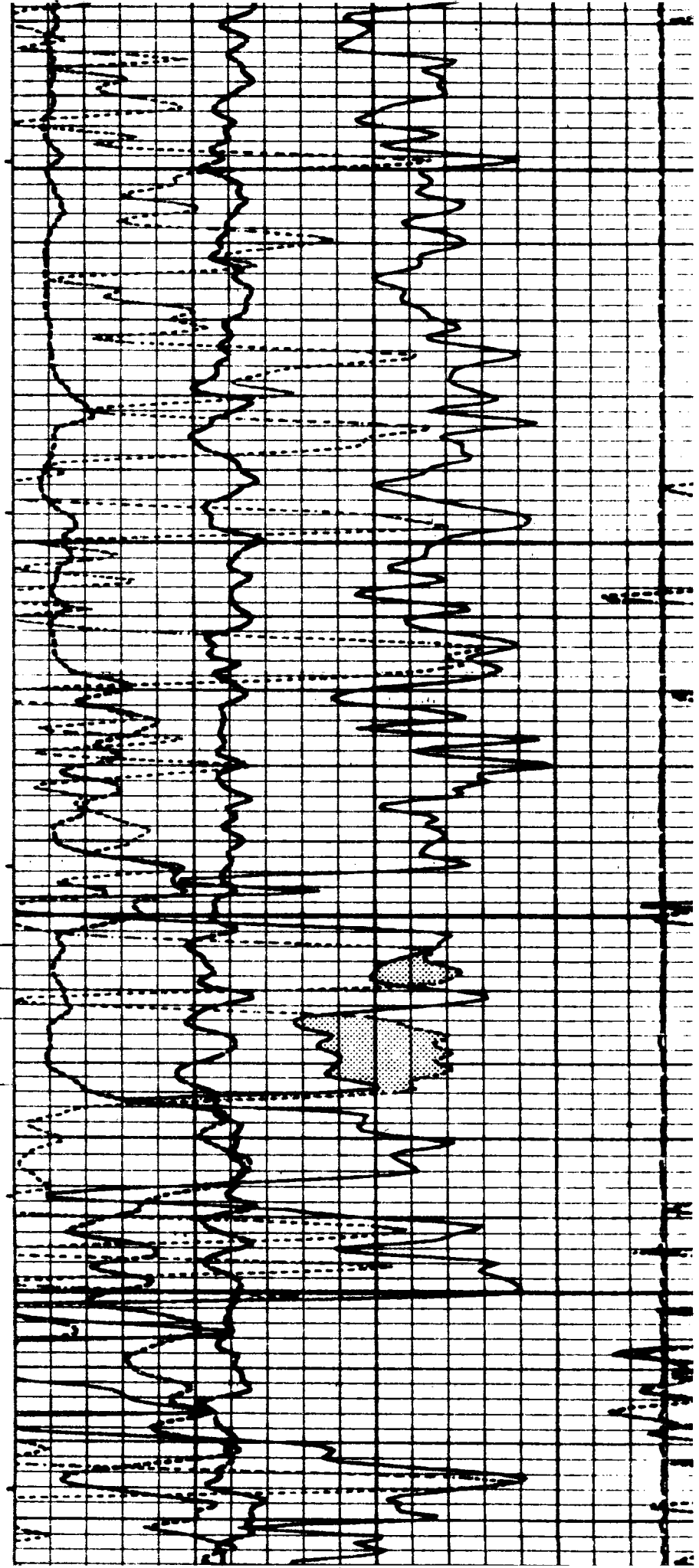
4860

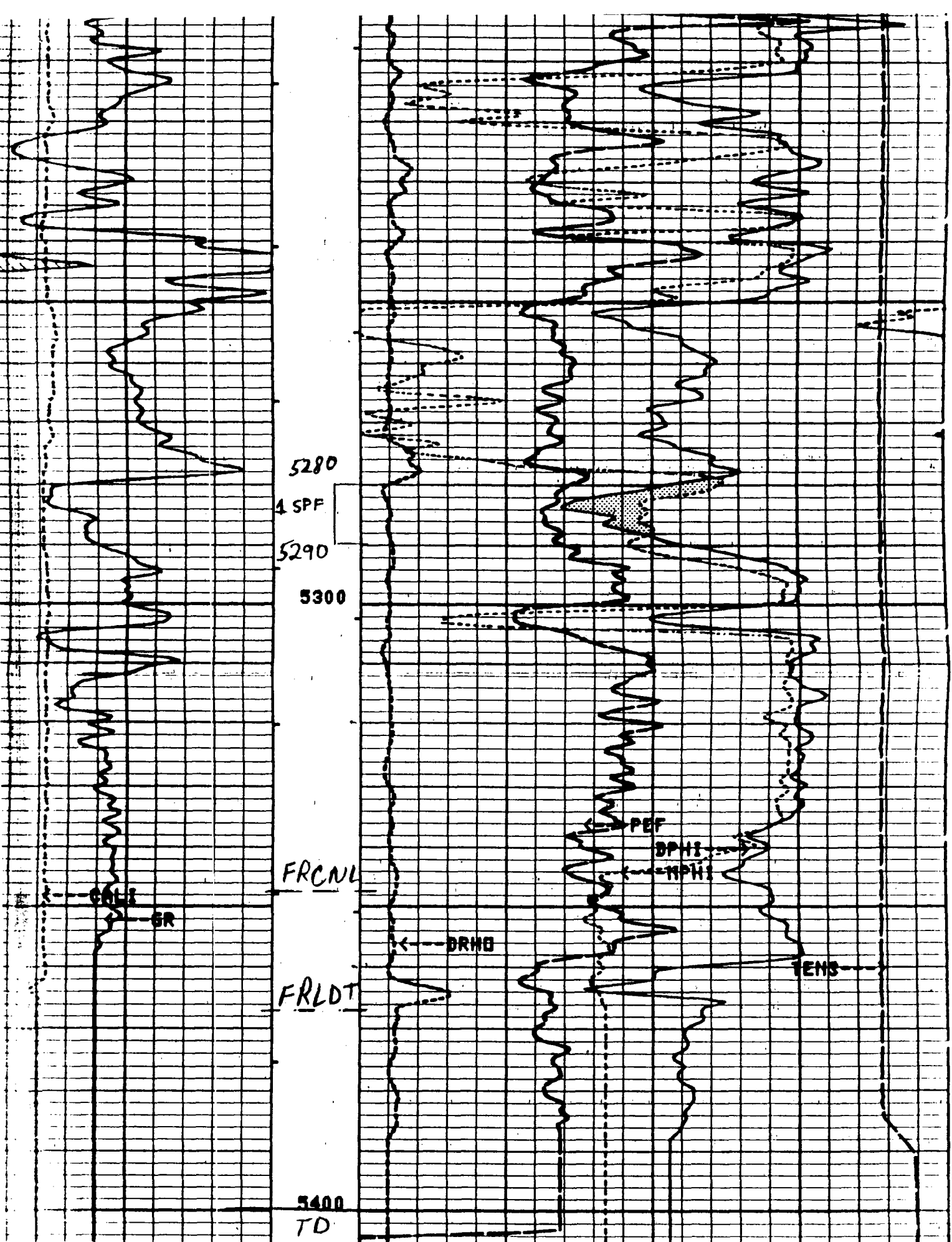
4864

4873

1 SPF

4900





5"/100'

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-7

All distances must be from the outer boundaries of the Section.

Operator <b>Fred Pool Drilling, Inc.</b>			Lease <b>Eastland State</b>		Well No. <b>42</b>
Unit Letter <b>K</b>	Section <b>13</b>	Township <b>9 South</b>	Range <b>26 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3820</b>	Producing Formation <b>Wolfcamp</b>	Pool <b>Foor Ranch W.C.</b>		Dedicated Acres: <b>0.20</b> Ac	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

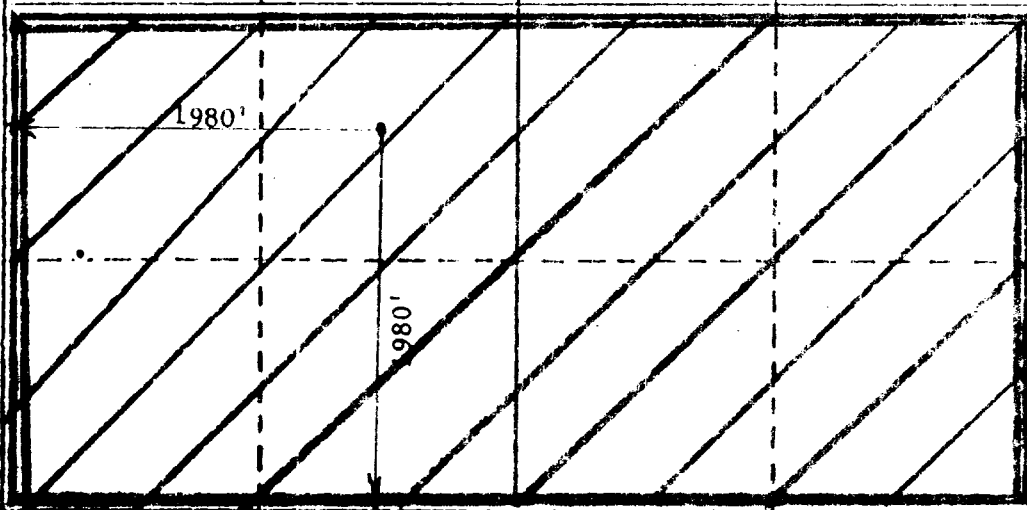
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

Sec. 13, T. 9 S., R. 26 E., N.M.P.M.

**RECEIVED**

**MAY - 5 1989**

**OIL CONSERVATION DIV.  
SANTA FE**



CERTIFICATION

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

Name  
**Fred F. Pool, III**

Position  
**Engineer**

Company  
**Fred Pool Drilling, Inc.**

Date  
**5/3/89**

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  
**December 7, 1981**

Registered Professional Engineer and/or Land Surveyor  
**6290**

**JOHN D. JAQUES**  
REGISTERED PROFESSIONAL ENGINEER  
6290

John D. Jaques  
Certificate No. **6290**



All distances must be from the outer boundaries of the Section.

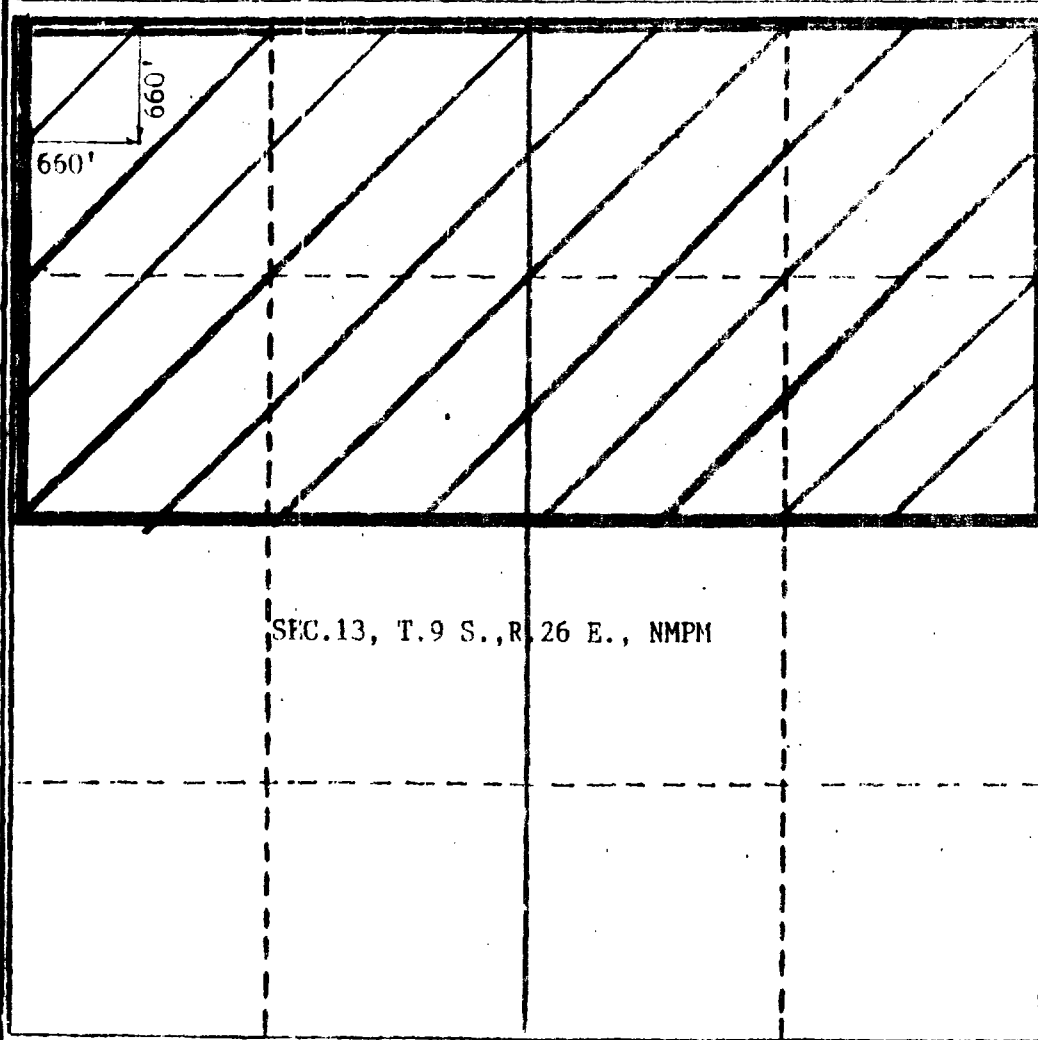
Operator <b>FRED POOL Drilling, Inc.</b>			Lease <b>EASTLAND STATE</b>			Well No. <b>#4</b>
Unit Letter <b>D</b>	Section <b>13</b>	Township <b>9 SOUTH</b>	Range <b>26 EAST</b>	County <b>CHAVES</b>		
Actual Footage Location of Wells <b>660</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>WEST</b> line						
Ground Level Elev. <b>3808</b>	Producing Formation <b>Wolfcamp</b>		Pool <b>Foor Ranch W.C.</b>		Dedicated Acreage <b>3.21</b> Ac	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



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**Fred F. Pool, III**

Position  
**Engineer**

Company  
**Fred Pool Drilling, Inc.**

Date  
**5/3/89**

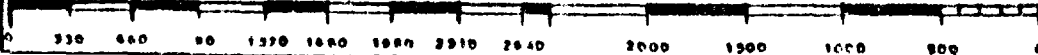
I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**JULY 14 1988**

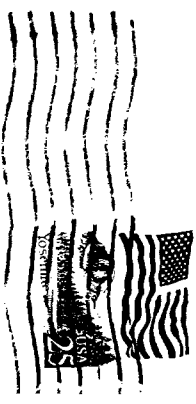
Registered Professional Engineer  
No. / Exp. Term / Cor. No. **6240**

Job Title  
**Professional Engineer**

Certification No. **PROFESSIONAL ENGINEER**



FRED POOL, JR.  
P.O. Box 1393  
Roswell, NM 88202



Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501  
Attention: Mike Stogner

1911

