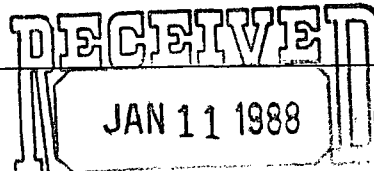


FRED POOL DRILLING, INC.



P.O. Box 1393
Roswell, New Mexico 88201

January 4, 1988

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504-2088

Attention: David R. Catanach, Engineer

RE: Unorthodox Location, Camel State #4 Well

Dear Mr. Catanach,

Enclosed please find APD for our proposed Camel State #4 well. We hereby apply for an unorthodox location for this well for geologic reasons explained in the attached geologic discussion and illustrated on the map.

The offsetting operators, Yates Petroleum and Carl A. Schellinger have been notified of this application by certified mail.

If I may be of assistance in this matter, please advise.

Sincerely

Fred F. Pool III
Agent for
Plains Radio Broadcasting

Enclosures

FFP/deb

Release 2/1/88
NSL-2466
Plains Radio Broadcasting
c/o Fred Pool Drilling, Inc.
P.O. Box 1393
Roswell, New Mexico 88201
Attn: Fred F. Pool III
Agent
Undesignated North Foot
Ranch - Pennsylvanian Gas Pool
E/z delineation

1250' FNTL
(Unit A)

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
L 5441

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Camel	
2. Name of Operator Plains Radio Broadcasting		9. Well No. 4	
3. Address of Operator P. O. Box 9354, Amarillo, TX 79105		10. Field and Pool, or Wildcat Foor Ranch PENN	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>1250</u> FEET FROM THE <u>North</u> LINE <u>1250</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>6</u> TWP. <u>9S</u> RGE. <u>27E</u> NMPM		12. County Chaves	
19. Proposed Depth 6500'		19A. Formation PENN	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3921	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor L & M	22. Approx. Date Work will start 2-1-88

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP surface
12 1/4	8 5/8	24#	1000'	600 sx	
7 7/8	5 1/2	15.5#	6500'	700 sx	3500'

1) Double Shafer hydraulic BOP will be used.

2) Unorthodox location.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Fred F. Bolger Title Agent Date 1-4-88

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

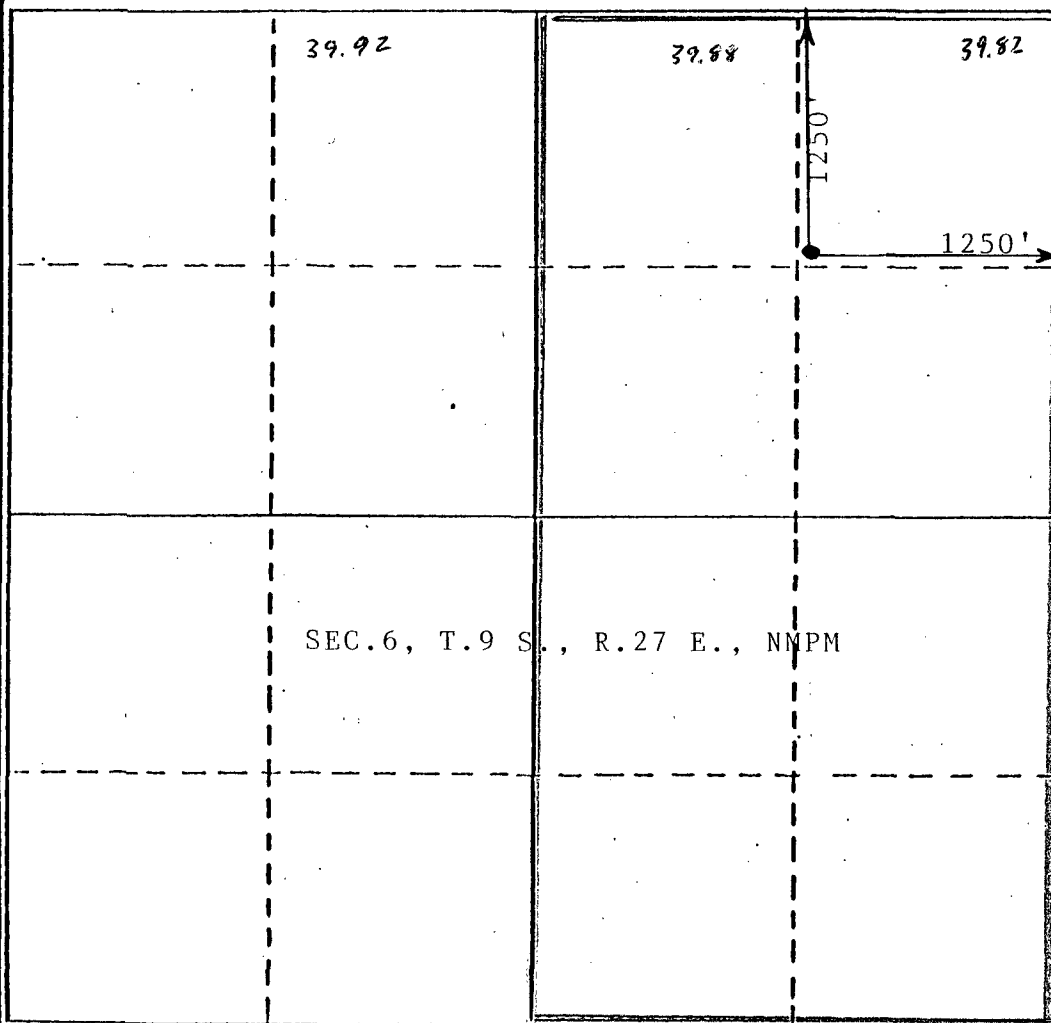
Operator PLAINS RADIO & BROADCASTING			Lease CAMEL STATE		Well No. #4
Unit Letter A	Section 6	Township 9 SOUTH	Range 27 EAST	County CHAVES	
Actual Footage Location of Well: 1250 feet from the NORTH line and 1250 feet from the EAST line					
Ground Level Elev. 3921	Producing Formation Pennsylvanian		Pool ✓ Foer Ranch		Dedicated Acreage 320 Acres

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 working 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.



CERTIFICATION

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

Fred F. Pool, III

Name
Fred F. Pool, III

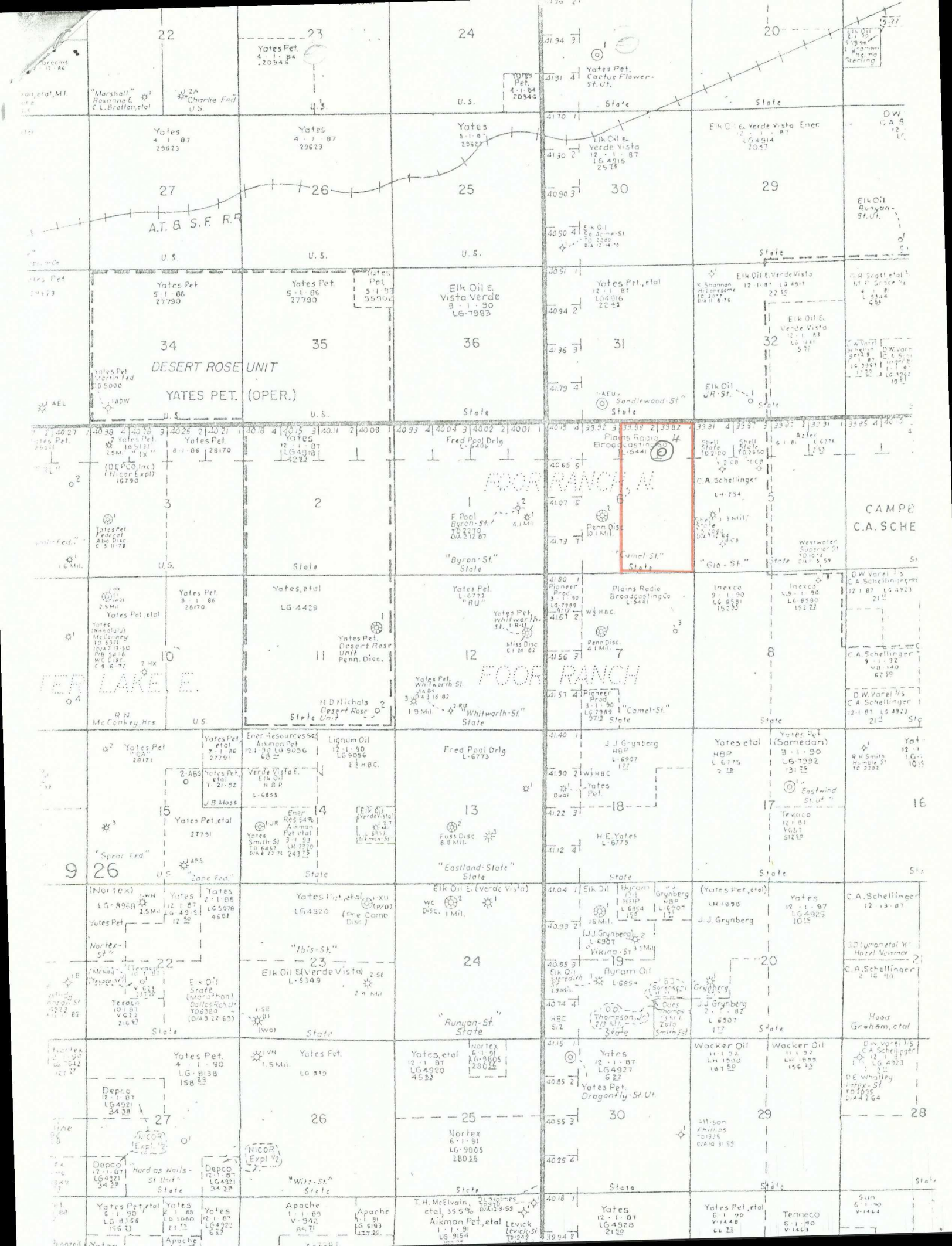
Position
Agent

Company
Plains Radio Broadcasting

Date
January 4, 1988

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.

JOHN D. JACQUES
NEW MEXICO
DECEMBER 30, 1987
Registered Professional Engineer
and/or Land Surveyor
JOHN D. JACQUES
P.E. & L.S.
Certificate No. 100560



Jack Ahlen

CONSULTING GEOLOGIST
533 PETROLEUM BUILDING
ROSWELL, NEW MEXICO 88201

28 Dec. 1987

Mr. Fred Pool Jr.
604 N. Richardson
Roswell, N.M. 88201

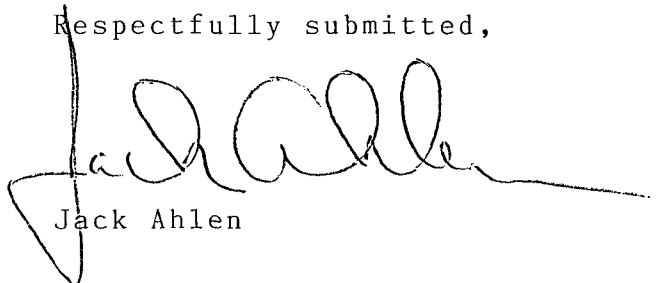
Re: Camel State #4
1250' FN&EL
Sec. 6 T9S R27E
Chaves Co. N.M.

Dear Mr. Pool,

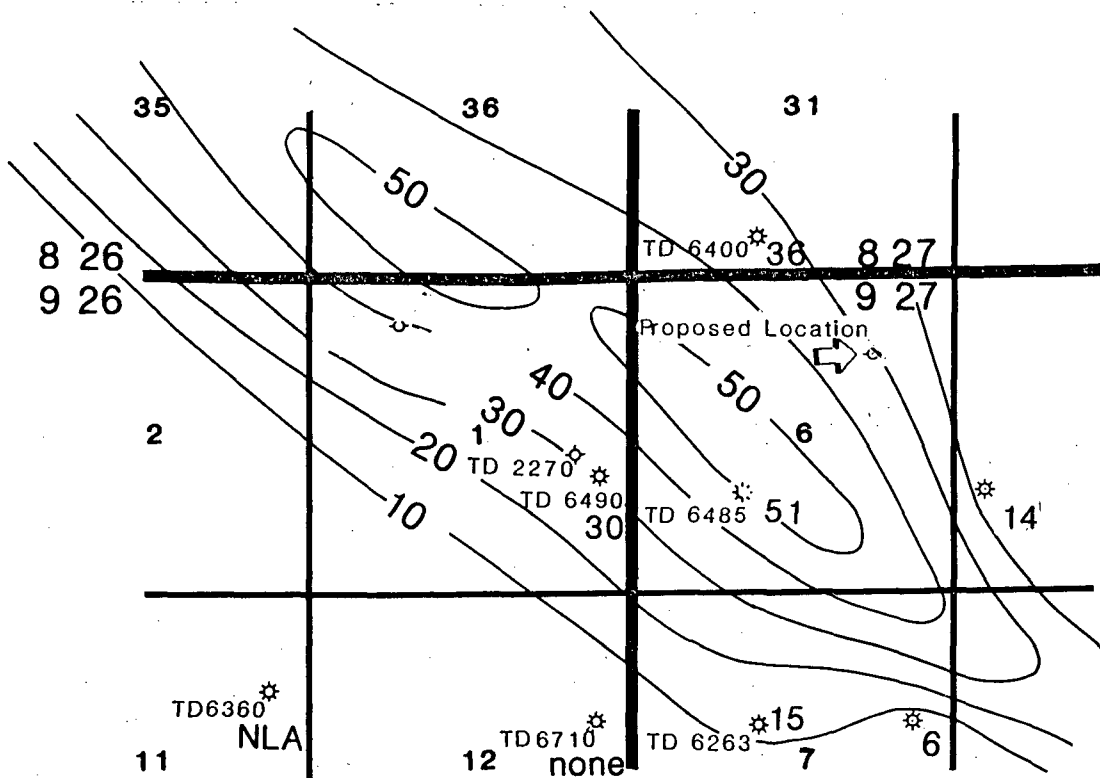
I recommend that you drill a Pennsylvanian Sand test to approximately 6500 feet at the location indicated above and on the attached subsurface geological map. The Pennsylvanian Sands produce from stream channel systems of the Pedernal Uplift to the northwest. In this area of Chaves Co. the channels are oriented northwest to southeast. Regional dip closely parallels this orientation. The proposed location is chosen to maximize drainage of the lease as well as to limit interference between offset wells.

A well at the proposed location will provide for a maximum efficient rate of production.

Respectfully submitted,



Jack Ahlen



Proposed Location, Camel State # 4

Pennsylvanian Sand

Net pay Isolith

Porosity $\geq 6\%$ and a resistivity profile

December 1987

Jack Ahlen

Dawn Ahlen