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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG 696	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Seay-State	
2. Name of Operator Petroleum Exploration & Development Funds, Inc.		9. Well No. 1	
3. Address of Operator P. O. Box 2412, Midland, Texas 79701		10. Field and Pool, or Wildcat Hightower East	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 30 TWP. 12S RGE. 34E NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) 4216.7 GL		22. Approx. Date Work will start December 3, 1976	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Robinson Bros.	
19. Proposed Depth 10,400		19A. Formation Ranger Lake	
		20. Rotary or C.T. Rotary	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	12 3/4"	35#	300'	450	Circ. to Surface
11 "	8 5/8"	24# & 32#	4,100'	800	1500'
7 7/8"	5 1/2"	15.5# & 17#	10,400'	525	7000'

Drill 17 1/2" hole to 300', set 300' 12 3/4" 35#, H-40, ST&C casing. Cement 12 3/4" casing with 450 sxs Class "C" cement and circulate cement to surface. W.O.C. 18 hrs; Drill out 12 3/4" casing and test to 500 psi. Drill 11" hole to 4100' and run 1700' 8 5/8", 32#, K-55, LT&C casing and 2400' 8 5/8", 24#, K-55, ST&C casing; cement 8 5/8" casing with 500 sx Lite Weight and tail in with 300 sx Class C cement. Run temperature survey 8 hrs after plug is down. Nipple up and install BOP and Hydril. WOC 18 hrs. Drill out and test 8 5/8" casing to 2000 psi. Drill 7 7/8" hole to PTD of 10,400'. Log and evaluate for 5 1/2" casing feasibility.

***Cement on the intermediate casing must be brought from the top of the salt or anhydrite to the surface casing. You can do this by either circulating the intermediate casing with cement or a DV tool at the top of the salt.

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 J. R. Hutterland Title Vice President Date Dec. 1, 1976

(This space for State Use)

PROVED BY [Signature] TITLE DATE
CONDITIONS OF APPROVAL, IF ANY: *****SEE ABOVE**

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1976
OIL CONSERVATION COMM.
HOBBS, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL**

Form 7-70
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

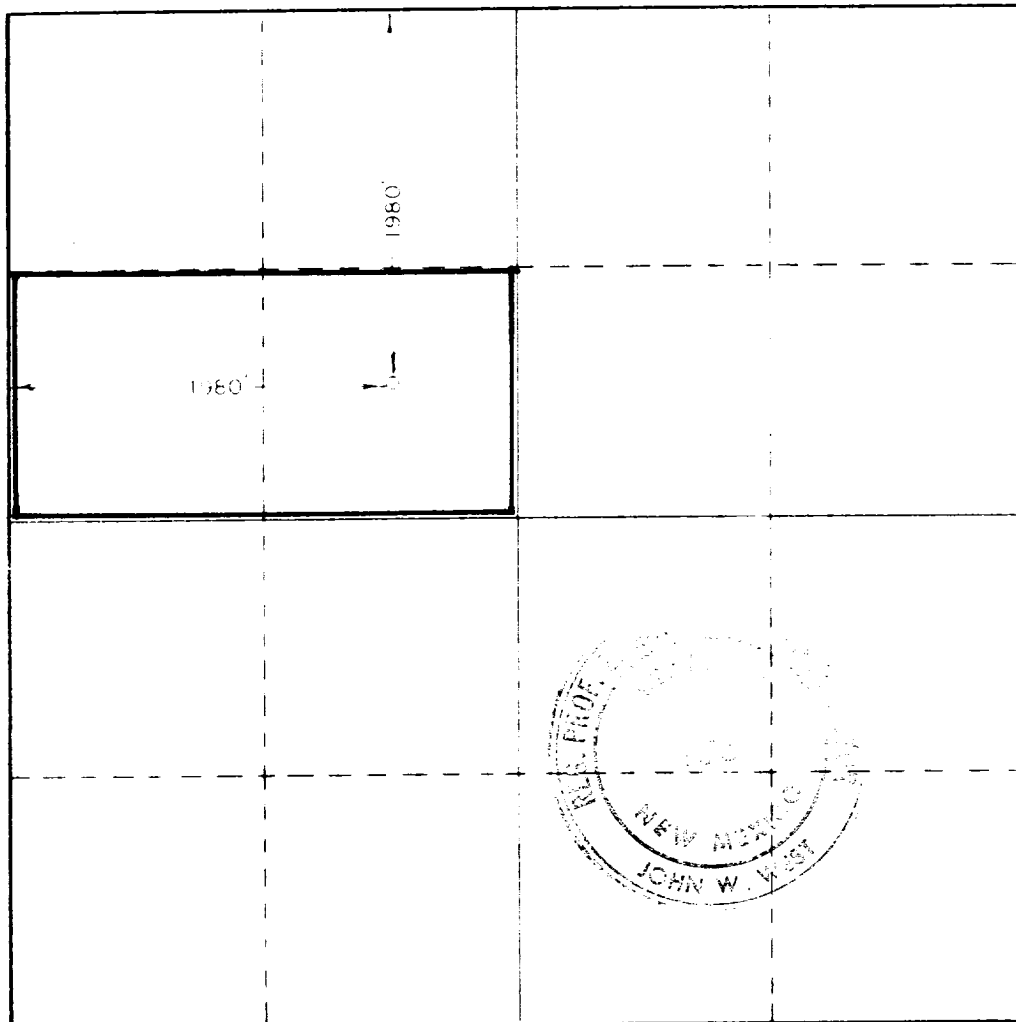
Operator PETROLEUM EXPLORATION & Dev. Funds, Inc.		Lease Seay - State		Acres 1
Section Letter F	Section 30	Township 12 South	Range 34 East	County Lea
Approximate Location of Well:				
1980	feet from the	north	line and	1980
				feet from the
				west
Ground Level Elev. 4216.7	Producing Formation Ranger Lake		Pool Hightower East	Dedicated Acreage 80

- 1 Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Commission.



CERTIFICATION

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

J. R. Sutherland

J. R. Sutherland

Signature

Vice President

Petroleum Expl. & Dev. Funds, Inc.

December 1, 1976

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

Nov. 27, 1976

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No.

676

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

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HOBBS, N. M.

11/11/76