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NEW MEXICO OIL CONSERVATION COMMISSION

AUG 27 1981

C. C. D.  
DISTRICT OFFICE

30-015-23107

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

K-4330-1

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work 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"/>		7. Unit Agreement Name Parkway West
2. Name of Operator The Petroleum Corporation		8. Farm or Lease Name Parkway West Unit
3. Address of Operator One Marienfeld Place, Suite 555, Midland, Texas 79701		9. Well No. 3
4. Location of Well UNIT LETTER <u>OK</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>29</u> TWP. <u>19S</u> RGE. <u>29E</u> NMPM		10. Field and Pool, or Wildcat Undesignated Parkway West (Morrow)
		12. County Eddy
		19. Proposed Depth 11,800'
		19A. Formation Morrow
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DT, RT, etc.) 3306.3'	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Undetermined at this time
		22. Approx. Date Work will start due to rig availability

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	350'	600	Circ.
12-1/4"	8-5/8"	24# & 32#	3100'	1400	Circ.
7-7/8"	4-1/2"	11.6# & 13.5#	11,000'	1000	850'

Set surface casing into T/salt estimated to be 350', circ. cement. Drill 12-1/4" hole with brine water to prevent washout to 3100', set 8-5/8" casing @ 3100', circ. cement. Drill 7-7/8" hole with fresh water to 9000'. Add brine water @ 9500' to raise mud weight. Drill to TD. Cement with sufficient cement to bring cement above all prospective zones. Estimated T/cement to be 8500'. Perforate and stimulate Morrow for production.

NOTE: Gas is not dedicated.

MUD PROGRAM: 0 - 350': spud mud; 350' - 3100': 10# brine water; 3100' - 9000': fresh water; 9000' - 10,800': cut brine water gel, MW 9.4, vis 35, 10,800' - TD: starch, salt gel and drispac Mud wt. 9.7, vis 36-40@ TD. WL 6 cc thru Morrow. Bottom hole pressure @ TD anticipated to be 4700 psi. No abnormal pressure expected.

BOP PROGRAM: BOP's to be installed on 13-3/8" and 8-5/8" casing. BOP to be tested daily. Test with yellow jacket prior to drilling Wolfcamp formation.

NOTE: Will drill this well after drilling the Parkway West Unit.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3-3-82

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 Claudia Field Title Engineering Assistant

(This space for State Use)

APPROVED BY W.A. Gussert TITLE SUPERVISOR, DISTRICT II

DATE SEP 3 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" casing

NE MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1  
Superseded Edition  
Effective 1-1-79

All distances must be from the outer boundaries of the Section

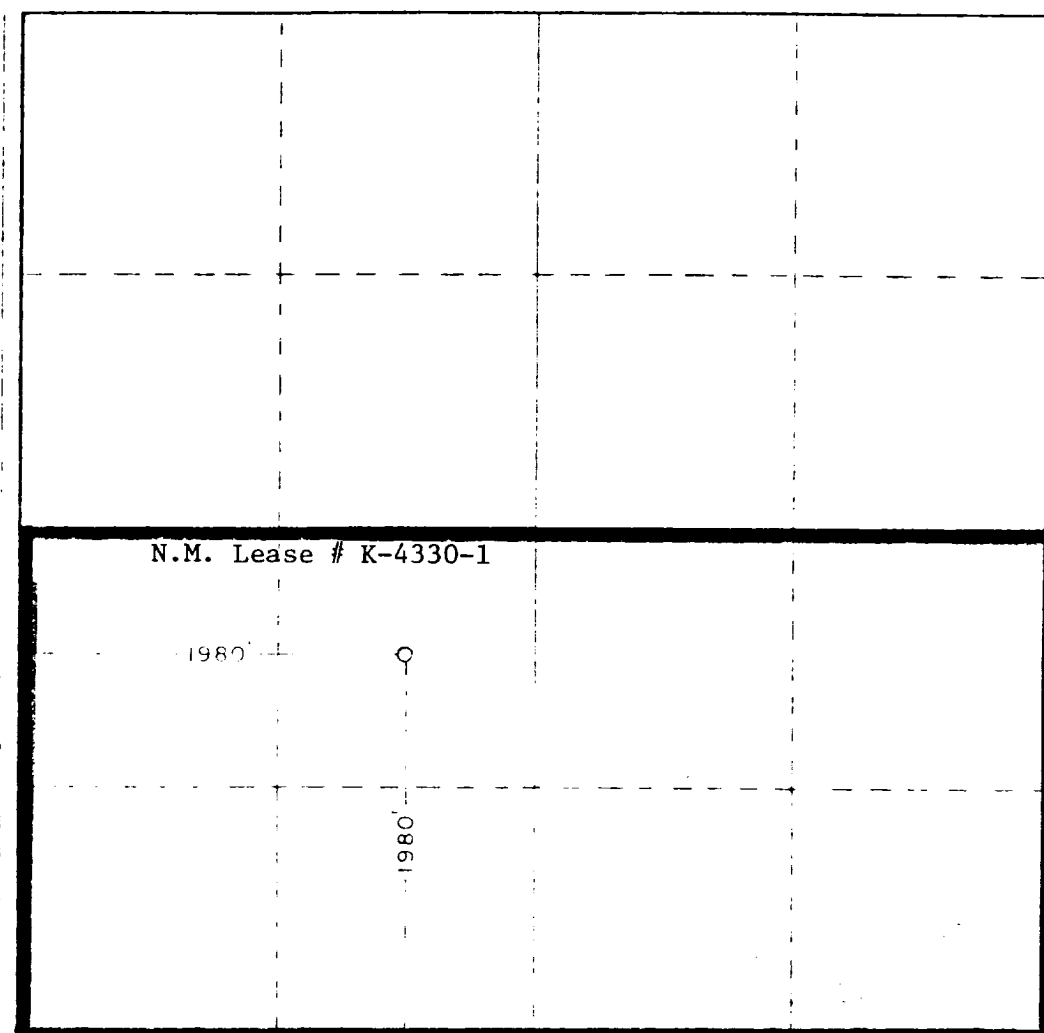
Operator <b>Petroleum Corporation</b>		Section <b>Parkway West Unit</b>		Page <b>3</b>	
Tract Letter <b>K</b>	Section <b>29</b>	Township <b>19 South</b>	Range <b>29 East</b>	County <b>Eddy</b>	
Actual Location of Well:					
1980		feet from the West		1980	
feet from the		feet from the		South	
Ground Level Elev. <b>3306.3'</b>	Producing Formation <b>Morrow</b>		Pool <b>Undesignated Parkway West (Morrow)</b>		Section <b>S/2 320</b>

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 Unitization

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

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



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

*Claudia Ofield*  
Claudia Ofield

Engineering Assistant

The Petroleum Corporation

August 10, 1981

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.

July 30, 1981

*John W. West*

Certified by: JOHN W. WEST 66  
PATRICK A. ROMERO 6662  
Ronald J. Edson 3239