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NEW MEXICO OIL CONSERVATION COMMISSION

AUG 27 1981

30-015-23108

Form C-101
Revised 1-1-75

5A. In. Header Type of Lease	STATE <input checked="" type="checkbox"/> FILE <input type="checkbox"/>
5. State Oil & Gas Lease No.	K-6949-2

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. Well Agreement Name Parkway West
2. Name of Operator The Petroleum Corporation	3. Address of Operator One Marienfeld Place, Suite 555, Midland, Texas 79701			8. Farm or Lease Name Parkway West Unit
4. Location of Well UNIT LETTER G LOCATED 1980 FEET FROM THE East LINE AND 1980 FEET FROM THE North LINE OF SEC. 27 TWP. 19S RGE. 29E NMPM	10. Field and Loc. or Well Unit Undesignated Parkway West (Morrow)			9. Well No. 10
11. County Eddy				12. County Eddy
13. Proposed Depth 11,800'		14. Formation Morrow		15. Rotary or C.T. Rotary
16. Elevations (show whether DF, RL, etc.) 3327.8'	17. Kind & Status Plug. Bond Blanket	18. Drilling Contractor Undesignated at this time	19. Approx. Date Work will start due to rig availability	

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	8500'

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 of 11,800' to test Morrow and intermediate horizons. If commercial, will run casing to TD. Cement with sufficient cement to bind 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' to TD: starch, salt gel, & drispac MW 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.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-3-82
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED APPROPRIATE ZONE. GIVE BLOW-OUT 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 Spind Title Engineering Assistant Date August 26, 1981

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 8 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" & 8 5/8" casing

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-112
Supersedes C-112A
Effective 1-1-85

All distances must be from the outer boundaries of the Section

Owner: THE PETROLEUM CORP.			Lease: PARKWAY WEST UNIT		Acres: 10.0
Section: G	Section: 27	Township: 19 SOUTH	Range: 29 EAST	County: EDDY	

Actual Well Location of Wells:

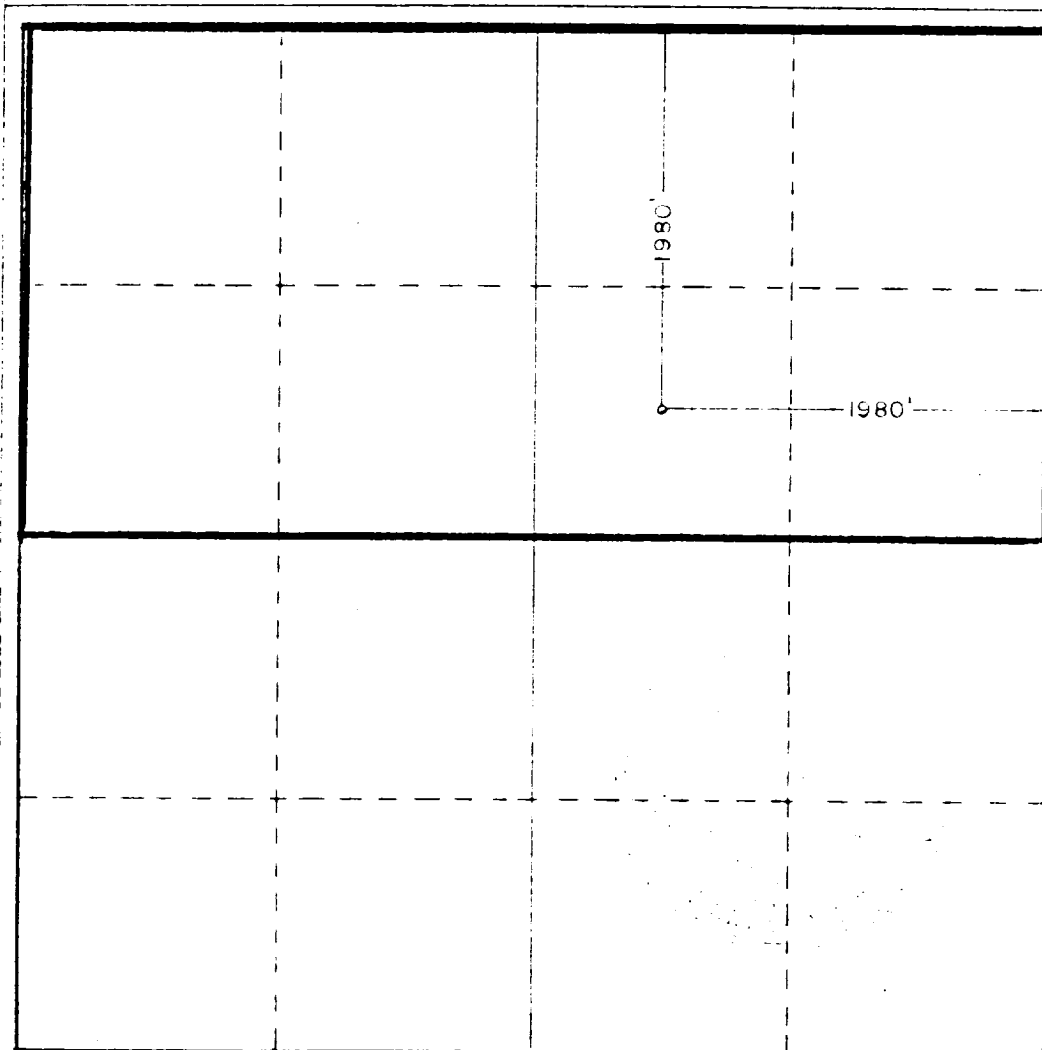
1980	feet from the	EAST	line and	1980	feet from the	NORTH
Well Level Elev.: 3327.8	Producing Formation: Morrow		Pool: Undesignated Parkway West (Morrow)		Estimated Acreage: N/2 320	

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 (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, force-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.

Claudia Ofield
Name: **Claudia Ofield**

Position: **Engineering assistant**

Company: **Petroleum Corporation**

Date: **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.

Date Surveyed: **7-28-81**

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Fiddan 3230

