

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

Form C-109  
Adopted 9-1-66

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 509.  
If discovery is claimed for more than one zone, separate forms must be filed for each.

*well file*

Operator The Petroleum Corporation		Address 3303 Lee Parkway, Dallas, Texas 75219	
Lease Name Petco State		Well No. 2	County Eddy
Well Location Unit Letter <u>N</u> ; <u>660</u> Feet from The <u>south</u> Line and <u>1980</u> Feet From the <u>West</u> Line of Section <u>26</u> , Township <u>19S</u> , Range <u>29E</u> , NMPM			
Suggested Pool Names (List in order of preference) 1. <u>Parkway (Wolfcamp)</u> 2. 3.			
Name of Producing Formation Wolfcamp		Perforations 9622-9646	Date of Filing Form C-104 July 19, 1971
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No		If Yes, Give Date of Filing ---	Date Well was Spudded 5/24/71
Date Compl. Ready to Prod. 7/5/71			
Total Depth 10,685	Plugged Back Depth 9,651	Depth Casing Shoe 9,779	Tubing Depth 9,493
Elevation (Gr., DF, RKB, RT, etc.) GL-3340			
Oil Well Potential (Test to be taken only after all load oil has been recovered) <u>810</u> Bbls, Oil Per Day Based On <u>810</u> Bbls In <u>24</u> Hours; <u>No</u> Bbls Water Per Day Based On <u>no</u> Bbls In <u>24</u> Hours; Gas Production During Test: <u>1,200</u> MCF; Gas-Oil Ratio: <u>1,485</u> Method Of Producing: <u>flow</u> Chk. Size <u>24/64</u>			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name Parkway	Name of Producing Formation Strawn	Top of Pay 10,650	Bottom of Pay 10,675	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 2640		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 1077 feet		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name	Top of Pay	Bottom of Pay	Currently Producing?
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool No comparable production within four miles.			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? No.	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
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AUG 11 1971

Is the Subject Well Multiple Completion? no	Is Discovery Allowable Requested for other Zone(s)? no	If Yes, Name all Such Formations O. C. C.
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ARTESIA, OFFICE

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
Sun Oil Company	Southland Center, Dallas, Texas
Allied Chemical (Union Texas Petroleum)	1300 Wilco Bldg., Midland, Texas
Union Oil Company	619 W. Texas, Midland, Texas
Southland Royalty Company	Wilco Building, Midland, Texas

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks:

CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

*Samy C. Sham*  
Signature

Petroleum Engineer  
Position

August 6, 1971  
Date