

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.

Operator REFINERS PETROLEUM CORP.		Address 900 Bank of New Mexico Building, Albuquerque, NM	
Lease Name Cuba Union		Well No. 1	County Sandoval County, New Mexico
Well Location Unit Letter A ; 990 Feet from The North Line and 990 Feet From the East Line of Section 25 , Township 22 North , Range 3 West , NMPM			
Suggested Pool Names (List in order of preference) 1. Cuba Dakota 2. Cuba Graneros 3.			
Name of Producing Formation Graneros Dakota		Perforations 6878' - 6914'	Date of Filing Form C-104 October 9, 1970
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No		If Yes, Give Date of Filing	Date Well was Spudded August 28, 1970 Date Compl. Ready to Prod. October 8, 1970
Total Depth 7189'	Plugged Back Depth 7040'	Depth Casing Shoe 7186'	Tubing Depth 6904' Elevation (Gr., DF, RKB, RT, etc.) 7349' Gr
Oil Well Potential (Test to be taken only after all load oil has been recovered) 387 Bbls, Oil Per Day Based On 387 Bbls In 24 Hours; 54 Bbls Water Per Day Based On 54 Bbls In 24 Hours; Gas Production During Test: TSTM MCF; Gas-Oil Ratio: Swab & Method Of Producing: Flow Chk. Size 2"			

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 Ballard Pictured Cliffs	Name of Producing Formation Pictured Cliffs	Top of Pay 2729'	Bottom of Pay 2753'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 3½ miles		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 4125'		

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

Pool Name Basin Dakota Gas Field	Top of Pay 6906'	Bottom of Pay 7136'	Currently Producing? Yes - Gas Well
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 4 miles northwest			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? Yes	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County Skelly #1 Jicarilla E, 990' fnl, 990' fel Sec 8-T22N-R5W - 5823'
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Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)?	If Yes, Name all Such Formations
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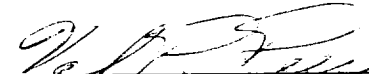
LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
Union Oil Company of California	P. O. Box 3372, Durango, Colorado 81301
Pan American Petroleum Corporation	Security Life Building, Denver, Colorado 80202

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: No Cross Section Attached due to lack of nearby wells. Electric Log on No. 1 Cuba Union and map attached.
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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.

 Signature	Consulting Geologist Position	October 20, 1970 Date
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