

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.

RECEIVED

MAY 6 1974

Operator Dan L. Hannifin & Joe Don Cook		Address P.O. Box 945, Roswell, N.M.		O.C.C.
Lease Name Merland		Well No. I	County Eddy	ARTESIA, OFFICE
Well Location Unit Letter J, 2030 Feet from The South Line and 1846 Feet From the East Line of Section 24, Township 22 South, Range 26 East, NMPM				
Suggested Pool Names (List in order of preference) 1. Jo. Carlsbad Delaware 2. Merchant Delaware 3.				
Name of Producing Formation Delaware		Perforations 4454, 4455, 4458 to 4464		Date of Filing Form C-104 2 - 28 - 1974
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool?		If Yes, Give Date of Filing	Date Well was Spudded 1 - 24 - 1974	Date Compl. Ready to Prod. 2 - 25 - 1974
Total Depth 4518	Plugged Back Depth	Depth Casing Shoe	Tubing Depth 4375	Elevation (Gr., DF, RKB, RT, etc.) 3174 Gr
Oil Well Potential (Test to be taken only after all load oil has been recovered) 182.4 Bbls, Oil Per Day Based On 38 Bbls In 5 Hours; None Bbls Water Per Day Based On Bbls In Hours; Gas Production During Test: 145 MCF; Gas-Oil Ratio: 3815 Method Of Producing: Flowing Chk. Size 16/64"				

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 So. Carlsbad Morrow	Name of Producing Formation Morrow	Top of Pay 11424	Bottom of Pay 11444	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 144 feet S.W.		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 6960 ft.		

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

Pool Name Wye - Delaware	Top of Pay 5160	Bottom of Pay 5230	Currently Producing? No
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 1 1/2 miles S.E.			

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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Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)? No	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
Michael P. Grace	P.O.Box 1418, Carlsbad, N.M.
Cities Service Oil Company	P.O. Box 4906, Midland, Texas 79701
Pennzoil United	
Texas Oil & Gas Company	
Gulf Oil Company	
Union Oil Company	

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.

Joe Don Cook
Signature

Co-Owner

Position

May 3, 1974

Date