

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION FOR DISCOVERY ALLOWABLE AND CREAT 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 JACK L. MCCLELLAN		Address Box 848, ROSWELL, NEW MEXICO 88201	
Lease Name FEDERAL BAR-J		Well No. 1	County CHAVES
Well Location Unit Letter <u>E</u> ; <u>1980</u> Feet from The <u>NORTH</u> Line and <u>660</u> Feet From the <u>WEST</u> Line of Section <u>15</u> , Township <u>6-SOUTH</u> , Range <u>27 EAST</u> , NMPM			
Suggested Pool Names (List in order of preference) 1. <u>BAR-J DEVONIAN</u> 2. 3.			
Name of Producing Formation DEVONIAN (MONTOKA)?		Perforations 6460-6468	Date of Filing Form C-104 7/28/71
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No		If Yes, Give Date of Filing	Date Well was Spudded 6/21/71
Total Depth 6480'		Plugged Back Depth 6472'	Depth Casing Shoe 6476'
Tubing Depth 6430'		Elevation (Gr., DF, RKB, RT, etc.) 4109G.L. - 4121K.B.	
Oil Well Potential (Test to be taken only after all load oil has been recovered) <u>360</u> Bbls, Oil Per Day Based On <u>195</u> Bbls In <u>13</u> Hours; <u>240</u> Bbls Water Per Day Based On <u>130</u> Bbls In <u>13</u> Hours; Gas Production During Test: <u>200</u> MCF; Gas-Oil Ratio: <u>555</u> Method Of Producing: <u>PUMPING</u> Chk. Size <u>2"</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 UNDESIGNATED	Name of Producing Formation CISCO	Top of Pay 5800	Bottom of Pay 5930	Currently Producing? YES
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 3/4TH MILES SOUTHWEST		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 540'		

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

Pool Name TWINLAKES DEVONIAN	Top of Pay 7180	Bottom of Pay 7205	Currently Producing? YES
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 14 MILES SOUTHEAST			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well?	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?	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
SHERANDOAH OIL CORP.	1018 COMMERCE BLDG., FT. WORTH, TEXAS
FOREST OIL CORP.	1300 NAT'L BANK OF COMMERCE, TEXAS
UNION TEXAS PETROLEUM DIVISION	1300 WILCO BLDG., MIDLAND, TEXAS
EL PASO NATURAL GAS CO.	Box 2185, HOUSTON, TEXAS
SOUTHERN MINERALS CORP.	Box 716, CORPUS CHRISTI, 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: MAY DUAL THIS WELL IN CISCO GAS ZONE AT A LATER DATE.
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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 J. L. McClellan	OPERATOR Position	9/10/71 Date
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