APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 19.15.20.16 NMAC.

If discovery is claimed for more than one zone, separate forms must be filed for each.

<table>
<thead>
<tr>
<th>Operator</th>
<th>Address</th>
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<tbody>
<tr>
<td>Lease Name</td>
<td>Well No.</td>
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Well Location

- Unit Letter: ____________________________ Feet from The ____________________ Line and ________ Feet From the ____________________ Line of Section
- Township Range NMPM

Suggested Pool Names (List in order of Preference)
1. ____________________________ 2. ____________________________ 3. ____________________________

Name of Producing Formation Perforations Depth of Top Perf from GL Date of Filing Form C-104

Was "Affidavit of Discovery" Previously Filed For This Well in this Pool?
- If yes, Give Date of Filing
- Date Well was Spudded
- Date Compl. Ready to Prod.

Total Depth Plugged Back Depth Depth Casing Shoe Tubing Depth Elevation (Gr., DF, RKB, RT, etc.)

Oil Well Potential (Test to be taken only after all load oil has been recovered)

_______ Bbls, Oil Per Day Based On ________ Bbls In ________ Hours; ________ Bbls Water Per Day Based on ________ Bbls In ________ Hours; Gas Production During Test: MCF; Choke Method Of Producing Size

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):

<table>
<thead>
<tr>
<th>Pool Name</th>
<th>Name of Producing Formation</th>
<th>Top of Pay</th>
<th>Bottom of Pay</th>
<th>Currently Producing?</th>
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Horizontal Distance and Direction from Subject Discovery Well to the Nearest well in this Pool

Vertical Distance from Subject Discovery Zone to Producing Interval this Pool

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

<table>
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<tr>
<th>Pool Name</th>
<th>Top of Pay</th>
<th>Bottom of Pay</th>
<th>Currently Producing</th>
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Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool

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

Is the Subject Well Multiple Completion?
- Is Discovery Allowable Requested for Other Zone(s)?
- If Yes, Name all Such Formations

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

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<tr>
<th>NAME</th>
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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 Division of such intent in writing within ten days after receiving a copy of this application.

Remarks:

OPERATOR CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Division 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                                                               Title                                                               Date

__________________________________   ______________________________________________________
Printed Name                                                        Telephone No.

E-mail Address

INSTRUCTIONS: File one copy of Form C-109 with attachments with appropriate district office and one copy with attachments with the Santa Fe Office.

Attachments: (See Rule 19.15.20.16 NMAC for details)
1) Map showing all wells within a two-mile radius of discovery well.
2) Electrical log with tops and bottoms of producing formations marked.
3) A sub-surface structure map if application is based on horizontal separation.
4) Geological cross-section.
5) Summary of reservoir data.
6) Evidence that all operators (listed above) owning leases within one mile of this well have been furnished a copy of this application.