5. LEASE

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

18. I hereby certify that the foregoing is true and correct

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

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Division, Case #6350, Order #R-5840 - Reference the unorthodox gas well location for the Mesaverde formation. Thereby Petro-Lewis Corporation files this letter of intent and proposes to recomplete in the Mesaverde formation in the following manner: 1. Perforate w/4" casing gun w/1 SPF each of the following: 5984'86,88,90,92,94,96,6004,06,07,08,6034,36,38,6046,48,50,6066,68,70,72,74,76,78,80,82,84,86,88,90,92,94,96,98,6100,02,6166,68,70. 39 holes. (CONTINUED ON BACK)	State of New Mexico, Energy and Minerals Department	artment Oil Conservation
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_____ TITLE ._____ DATE _

TITLE Dist. Drlg. Form. DATE 11/21/78

*See Instructions on Reverse Side

(This space for Federal or State office use)

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

State or Federal office for specific instructions. Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO: 1976 O - 214-149

- 2 Set RTTS @ 5950' non-emulsifier. and breakdown perfs. $w/3000~\mathrm{gal}$. $7\frac{1}{2}\%$ HCL, inhibited, iron sequestering agent and Dropping 1 ball sealer every 1½ bb1. after injection rate is established.
- ندا Flow or swab back.

4

@ 45-50 BPM.

Frac down 5½" casing w/81,000 gal. Tital III-20 and 117,500#, 20-40 sand and 30,000# 10-20 sand

- 5 Flush w/6050 gal. of 2% KCL water w/18# FR-4 friction reducer.
- Shut well in for 2 hr. gel breaking period.
- PU and RIH 6000' 2-3/8" tbg. Swab well to clean up.
- Run potential test and prep to put well on production.

Anticipated starting date 12-11-78

Obtained verbal approval from U.S.G.S., Durango, Colo.