APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

## SUBMIT IN TRIPLICATE.

(Other instruction reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNI- D STATES

|   | DEPARTMEN   | I OF THE INTE  | RIOR  |                              | 5. LEASE DESIGN                          | ATION AND BERIAL NO.                          |
|---|---|--|---|------------------------------|--|---|
|   | GEOLO   | GICAL SURVEY   |   | 2 ***                        |  |   |
| APPLICATIO                                    | N FOR PERMIT  | TO DRILL, DEEP   | EN. OR PLUG   | BACK                         | N. M. O                                  | LOTTEE OR TRIBE NAME                          |
| 1a. TYPE OF WORK                              | -   |  |   | Di TCIT                      | ·  |   |
| b. Type of well                               | RILL X  | DEEPEN 🗌   | PLUG BA   | CK 🗌                         | 7. UNIT AGREEM                           |   |
| on.   | WELL OTHER  |  | SINGLE X MULTI  | PLB []                       | 8. FARM OR LEAS                          | ro Ridge                                      |
| 2. NAME OF OPERATOR                           | WELL OTHER  |  | CONE A ZONE   |                              | - [                                      | <b>"</b> 20                                   |
| Ernest  | A. Hanson   |  |   |                              | Mescale                                  | ero Ridge Un                                  |
| 3. ADDRESS OF OPERATOR                        |   |  |   |                              | 8  |   |
| P. O. E                                       | 10, FIELD AND POOL, OR WILDCAT                      |  |   |                              |  |   |
| 4. LOCATION OF WELL (I                        | Pearl Queen   |  |   |                              |  |   |
|   |   | 5L & 990' FWL  |   |                              | 11. SEC., T., R., M<br>AND SURVEY        | L, OR BLK.                                    |
| At proposed prod. zo                          | ne <b>Sec. 2</b> 6                                  | , T-19-S, R-3  | 4-E, N.M.P.M  | •                            |  | OR AREA                                       |
| 14. DISTANCE IN MILES                         | Sec. 26   | - 19S - 34E  |   |                              |  |   |
|   | s West of Hol                                       |  |   |                              | 12. COUNTY OR P.                         | ARISH 13. STATE                               |
| <ol><li>DISTANCE FROM PROP</li></ol>          | OSED*   |  | CO<br>O. OF ACRES IN LEASE                              | 17 W                         | Lea                                      | N. Mex.                                       |
| LOCATION TO NEARES                            | LINE, FT.   | 6601   | 240   | 17. NO. C                    | OF ACRES ASSIGNED<br>HIS WELL            |   |
| (Also to nearest drl<br>18. DISTANCE FROM PRO | POSED LOCATION*                                     |  | ROPOSED DEPTH   | 20 2021                      |  | 40  |
| TO NEAREST WELL, I<br>OR APPLIED FOR, ON TE   | ORILLING, COMPLETED,                                | 9901   | 5200 <b>°</b>   | 20. ROTA                     | RY OR CABLE TOOLS                        |   |
| 21. ELEVATIONS (Show wh                       | ether DF, RT, GR, etc.)                             |  |   |                              | 22. APPROX. DA                           | otary   |
|   |   |  |   |                              | 1  | h 1, 1968                                     |
| 23.   | ]   | PROPOSED CASING AND                                      | D CEMENTING PROGR                                       | AM                           | Plate                                    | 1 19 1900                                     |
| SIZE OF HOLE                                  | SIZE OF CASING                                      | WEIGHT PER FOOT  |   | <del></del>                  | <del></del>                              | ·   |
| 12-1/4"                                       | 8-5/8H  |  |   |                              | QUANTITY OF CEMENT                       |   |
| 7-7/8"  | 5-1/2"  | 15-1/2#  | 200°<br>5200°   | Circulate to surface 250 sx. |  | suriace                                       |
|   |   |  |   |                              |  |   |
|   | 1   | 1  | 1   |                              |  |   |
| It is no                                      | roposed that  | the centions   | two11 be dead   | 11.4.                        |  | ***   |
| to a tot                                      | al depth of   | 5200 feet in   | the Oueen Fo  | TIEG 1                       | vith rotal                               | ry<br>-                                       |
| if comme                                      | orcial oil or                                       | gas is encor   | intered that  | the n                        | on which the                             | 2.U<br>:                                      |
| casing p                                      | program be fo                                       | llowed and th  | nat the well  | be per                       | rforated                                 |   |
| and frac                                      | tured with 1  | ease oil.  | ·   |                              |  | •<br>1  |
|   |   |  |   |                              | :  |   |
|   |   |  |   |                              | ٠. إ                                     |   |
|   |   |  |   |                              |  |   |
|   |   |  |   |                              |  |   |
|   |   |  |   |                              |  |   |
|   |   |  |   |                              |  |   |
|   |   |  |   |                              |  |   |
|   |   |  |   |                              |  |   |
| one. If proposal is to                        | E PROPOSED PROGRAM; If a drill or deepen directions | oroposal is to deepen or p<br>lly, give pertinent data o | olug back, give data on p<br>on subsurface locations ar | resent produ<br>id measured  | ictive zone and pro<br>and true vertical | oposed new productive<br>depths. Give blowout |
| preventer program, if an<br>14.               | y.  |  | · · · · · · · · · · · · · · · · · · ·                   |                              |  | · · · · · · · · · · · · · · · · · · ·         |
|   | 111   | , .  |   |                              |  |   |
| SIGNED AGAIN                                  | 1. Setres   | TITLE _  | Exploration M   | anager                       | DATE F                                   | <u>sb. 23, 1968</u>                           |
| (This space for Fede                          | ral or State office use)                            |  |   |                              |  |   |

A. R. BHOWN

DATE \_

\*See Instructions On Reverse Side

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All distances must be from the outer boundaries of the Section

| Operator                                     |  | L  | ease                                | res of the Section                |                                     | Well No.  |
|--|--|--|-------------------------------------|-----------------------------------|-------------------------------------|---|
| Ernes  | st A. Hanso                              | n  |                                     | ro Ridge                          | Unit "26"                           | 8 **ett No.                                       |
| Unit Letter                                  | Section                                  | Township   | Range                               | County                            |                                     | ,   |
| Actual Footage Lo                            | 26                                       | 19-South   | 34-Eas                              | t                                 | Lea                                 |   |
| 1980   |  | South line and   | 990                                 | feet from the                     | West                                | ltne  |
| Ground Level Elev                            | 1  | 1.   | lool                                |                                   |                                     | cated Acreage:                                    |
|  | <del></del>                              | n Formation  |                                     | Queen                             |                                     | 40 Acres  |
| 1. Outline t                                 | he acreage dedic                         | cated to the subject well                                | by colored per                      | icil or hachure                   | marks on the pl                     | at below.   |
| 2. If more tinterest a                       | than one lease i<br>and royalty).        | s dedicated to the well,                                 | outline each an                     | d identify the                    | ownership thered                    | of (hoth as to working                            |
|  |  | different ownership is de unitization, force-pooling     |                                     | vell, have the                    | interests of all                    | owners been consoli-                              |
| Yes  | No If                                    | answer is "yes;" type of                                 | consolidation _                     |                                   |                                     |   |
| this form                                    | if necessary.)                           | e owners and tract descri                                |                                     |                                   |                                     |   |
| No allowa<br>forced-po-<br>sion.             | able will be assig<br>oling, or otherwis | ned to the well until all i<br>e)or until a non-standard | nterests have b<br>unit, eliminatin | een consolidat<br>g such interest | ted (by communi<br>ts, has been app | tization, unitization, coved by the Commis-       |
|  |  |  | 1                                   |                                   | CE                                  | RTIFICATION                                       |
|  | į  |  | 1                                   |                                   | I hereby certify                    | that the information con-                         |
|  | į  |  | ;                                   |                                   |                                     | s true and complete to the                        |
|  | :  |  | ;<br> <br>                          |                                   | best of my know                     | wledge and belief.                                |
|  | +  |  | <del> </del>                        |                                   | Name                                | 7. Scham  |
|  | F  |  | 1                                   |                                   | Position                            | T. Resigna  |
|  | 1  |  | 1                                   |                                   | Explora                             | tion Manager                                      |
|  |  |  | )<br>                               |                                   | Company                             | •   |
|  |  |  | i                                   |                                   | Ernest                              | A. Hanson   |
|  |  |  | <br>                                |                                   | Į.                                  | y 23, 1968  |
| <i>∤                                    </i> | <del>//</del> /                          |  |                                     |                                   |                                     |   |
| λ  | 1.                                       |  | 1                                   |                                   | I hereby certi                      | fy that the well-location                         |
| 1  | 1  |  | 1                                   |                                   |                                     | olat was plotted from field                       |
| <del>/</del> 990 <b>'→</b>                   | <b>ጎ</b> /                               |  |                                     |                                   | i                                   | I surveys made by me or vision, and that the same |
| Ĵ  | 1  |  | į                                   |                                   |                                     | orrect to the best of my                          |
| 1  | 1, 1                                     |  | i                                   | -                                 | knowledge and                       | belief.   |
| <u> </u>                                     | 1-1                                      |  |                                     |                                   |                                     |   |
|  |  |  | <br>                                |                                   | Date Surveyed                       |   |
| 19   | 980•                                     |  |                                     |                                   | Februar                             | y 22, 1968  |
|  | ì  |  | i<br>I<br>k                         |                                   | Registered Profe                    | •   |
|  | Ψ  |  | <u>i</u>                            |                                   | Certificate No.                     | ornolly M K                                       |
|  | 1220 1270 1                              | 2210 2210 2200   | 1500                                | ****                              | 751                                 |   |