|                      |                 |                   | •                  | ·-                                      |   |            |               |               |                        |
|----------------------|-----------------|-------------------|--------------------|---|---|------------|---------------|---------------|------------------------|
| NO. OF COPIES REC    | CEIVED          |                   |                    |   |   |            |               |               |                        |
| DISTRIBUTI           | ON              |                   | NEW                | MEXICO OUL CO                           |   |            | M - 0 0       |               |                        |
| SANTA FE             | i               |                   |                    |   | DNSERVATION CO                          |            | ., -          | Revised inte  | 65 ·                   |
| FILE                 |                 |                   |                    |   |   |            |               | 5A. Indicat   | e Type of Lease        |
| U.S.G.S.             |                 |                   |                    |   | lar"                                    | 5 11 1     | 12 AM O       | STATE         | Type of Lease          |
| LAND OFFICE          |                 |                   |                    |   | UCL                                     |            |               | .5. State Oil | & Gas Lease No.        |
| OPERATOR             |                 |                   |                    |   |   |            |               | K-27          |                        |
|                      | · · ·           |                   |                    |   |   |            |               | hillin        |                        |
| AP                   | PLICATIC        | N FOR P           | ERMIT TO           | DRILL DEEP                              | EN, OR PLUG B                           | ACK        | ·             | -///////      |                        |
| 1a. Type of Work     |                 |                   |                    | 0                                       |   |            |               | 7. Unit Agr   | sement Name            |
|                      |                 | 1                 |                    |   |   |            | _             |               |                        |
| b. Type of Well      | DRILL 🗶         |                   |                    | DEEPEN                                  |   | PLUG       | ВАСК          | 8, Farm or L  | erse Name              |
| OIL<br>WELL          | GAS<br>WELL     |                   |                    |   | SINGLE                                  | ми         |               | State         |                        |
| 2. Name of Operator  |                 |                   | HER<br>AMP         |   | ZONE                                    |            | ZONE          | 9. Well No.   | 23                     |
| Union Texa           | as Peti         |                   |                    | ision of                                | Allied Cher                             | miaal      | Corn          | 9. Well No:   |                        |
| 3. Address of Opera  | itor            | A                 | A DIV              | ISTON OF                                | ATTER CHE                               | uitcat     | corp.         |               |                        |
| 1300 Wilco           |                 | Mic               | ll and             | Towas                                   |   |            |               |               | nd Pool, or Wildcat    |
| 4. Location of Well  |                 |                   |                    |   | ······································  |            |               | Wildc         | ac                     |
|                      | UNIT LETTE      | ER <u>H</u>       | LOC                | ATED <u>1980</u>                        | FEET FROM THE _                         | No         | rth LINE      |               |                        |
| AND 660              |                 | ម                 | ist <sub>LIN</sub> | 22                                      | 12 0                                    | 2          | 2 11          |               |                        |
|                      | FEET FROM       |                   |                    | E OF SEC. 23                            | <u>13-s</u>                             | RGE. J     | J-E NMPM      |               | MANNIN V               |
|                      | illillill.      |                   |                    |   |   | //////     |               | 12. County    |                        |
| <i>+++++++++</i> ++  | HHHH            | HHH               | HHHH               | <i>HHHHHH</i>                           | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | <i>HHH</i> | 111111        | Lea           |                        |
|                      |                 | //////            |                    |   |   | /////      |               |               |                        |
| <i>+++++++++</i> +   | <i>++++++</i> + | <i>\\\\\\</i>     | ///////            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | <u> Thinnin</u>                         | 777777     | 711111        |               |                        |
|                      | 1111111         |                   | ///////            |   | 19. Proposed De                         |            | 19A. Formatio |               | 20. Rotary or C.T.     |
| 21. Elevations (Shou |                 |                   | mm                 |   | 10,500                                  |            | Pennsy.       |               | Rotary                 |
| 4250 GL e            |                 | п <i>1, etc.)</i> |                    | & Status Plug. Boi                      |   |            |               | 22. Approx    | . Date Work will start |
|                      | <u> </u>        | ·                 | ртапке             | t-Permaner                              | nt Marcum                               | Dril       | ling Co       | July          | 8, 1966                |
| 23.                  |                 |                   | Di                 |   | AND CEMENT PRO                          |            |               |               |                        |
|                      |                 |                   | F                  | COLOSED CASING                          | AND CEMENT PRO                          | JGRAM      |               |               |                        |

| SIZE OF HOLE          | SIZE UF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP  |
|-----------------------|----------------|-----------------|---------------|-----------------|-----------|
| 15"                   | 11-3/4"        | 42#             | 350'          | 300             | circulate |
| <u>11" or 10-3/4"</u> | 8-5/8"         | 24 & 32#        | 4150'         | 950             | 1100'     |
| 7-7/8"                | 5-1/2"         | 17#             | 10,500'       | 200             | 9000'     |

Drill an exploratory well to a depth of 10,500' to test the Lower Wolfcamp, Lazy J and Ranger Lake zones of the Permo-Pennsylvanian. API 3M RdSA blowout preventer program will be used.

| APPROVAL VALID<br>FOR 90 DAYS UNLESS | Dr 1 |
|--------------------------------------|------|
| FOR 90 DAYS UNLIG                    |      |
| DRILLING                             |      |
| EXPIRES                              |      |

| hereby certify that the information above is true and | complete to the best of my knowledge and belief. |            |
|---|--|------------|
| igned furmanup  | Title Asst. Dist. Prod. Supt.                    | Date7-5-66 |
| (This space for State Use)                            |  |            |
| PPROVED BY  | TITLE  | DATE       |

CONDITIONS OF APPROVAL, IF ANY: