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P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease  
STATE ☒ FREE ☐  
5. State Oil & Gas Lease No.  
L-6672

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐  
2. Name of Operator  
Ike Lovelady, Inc.  
3. Address of Operator  
P.O. Drawer 2666; Midland, Texas 79702  
4. Location of Well  
UNIT LETTER GP LOCATED 330 FEET FROM THE South LINE  
AND 660 FEET FROM THE east LINE OF SEC. 9 TWP. 17-S RGE. 37-E NEEDLE

7. Unit Agreement Name  
8. Farm or Lease Name  
Haas State  
9. Well No.  
1  
10. Field and Pool, or Wildcat  
Midway Abo  
11. County  
Lea

19. Proposed Depth 9200 19A. Formation Abo 19B. Rotary or C.T. rotary  
20. Rotary or C.T.  
21. Elevations (Show whether DF, RT, etc.) 3774.9 Ground 21A. Kind & Status Plug Bond Blanket Bond #104E5287 21B. Drilling Contractor Landis Drilg. Co. 22. Approx. Date Work will start July 30, 1981

23. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE  | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|---------------|----------------|-----------------|---------------|-----------------|----------|
| 17-1/2"       | 13-3/8"        | 48#             | 400'          | 400             | Surface  |
| 12-1/4" & 11" | 8-5/8"         | 24# & 32#       | 5000          | 300             | 4000'    |
| 7-7/8"        | 5-1/2"         | 17# & 15.5      | 9000          | 400             | 7000'    |

BOP 10" X 900 Series 3000# W/pipe & blind rams.

Cement on the intermediate casing must be brought from the top of the salt or anhydrite to the surface casing by either circulating the casing with cement, or a DV tool at the top of the salt

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 12/18/81  
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Paul J. Simon Title Mgr. of Drilg. & Production Date 6/16/81  
(This space for State Use)

APPROVED BY [Signature] TITLE DIRECTOR OF DISTRICT DATE JUN 17 1981  
CONDITIONS OF APPROVAL, IF ANY: