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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 1-1-65 3/1/75-20119

AMENDED

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|  |  |   |  |                              |  |
|--|--|---|--|------------------------------|--|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/><br>SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 2. Name of Operator<br>Amerada Hess Corporation, Att: Drilling Services |  | 7. Unit Agreement Name       |  |
| 3. Address of Operator<br>P.O. Box 2040, Tulsa, Oklahoma 74102   |  | 8. Firm or Lease Name<br>Gill Deep                                      |  | 9. Well No.<br>3             |  |
| 4. Location of Well<br>UNIT LETTER N LOCATED 700 FEET FROM THE South LINE<br>AND 1889 FEET FROM THE West LINE OF SEC. 31 TWP. 21S RGL. 37E NMPM  |  | 10. Field and Pool, or Wellcat<br>Bunice - Drinkard                     |  | 11. County<br>Lea            |  |
| 12. Elevations (Show whether DF, RT, etc.)<br>Gr. 3464'  |  | 13. Proposed Depth<br>6,700'  |  | 14. Formation<br>Drinkard    |  |
| 21A. Find & Status Plug. Bond<br>Blanket   |  | 21B. Drilling Contractor<br>Cactus Drilling Co.                         |  | 20. Rotary or C.T.<br>Rotary |  |
| 22. Approx. Date Work will start<br>Oct. 10, 1975  |  |   |  |                              |  |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12-1/4"      | 8-5/8"OD       | 32#             | 1200'         | 500             | Circ.    |
| 7-7/8"       | 5-1/2"OD       | 14 & 15.5#      | 6700'         | 1900            | 3000'    |

Plan to drill a 12 1/4" hole to 1200' +/-, set and cement 8-5/8"OD csg. at 1200' W/500 sx., WOC and drill a 7-7/8" hole out under 8-5/8"OD csg. to proposed TD of 6700' or a sufficient depth to test the Drinkard zone, log well, evaluate logs and if productive, set and cement 5 1/2" csg. at 6700' and complete as a development well. (No drill stem test or cores anticipated)

BLOWOUT EQUIPMENT CONSIST OF:

10" Cameron Type F Series 900, double hydraulic W/Payne closing unit. Gas separator and degasser complete with automatic choke.

All blowout equipment will be check periodically by Cactus driller and Amerada Hess well site drilling supervisor.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES Dec 19, 1975

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION 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 E. Higgins Title Supv. Tech/Drlg. Adm. Services Date 9/16/75

(This space for State Use)

APPROVED BY John W. Penyan TITLE Geologist DATE 9/16/75

CONDITIONS OF APPROVAL, IF ANY: