Form 9-331 C (May 1963)

N. M. OIL CONS MINISSIUM P. O. BOX 198. HOBBS, NEW MERKING SPAT

SUBMIT IN TR ATE* (Other instructions on

| | | approved | | | | |
|---------|----------|----------|-----|------|-----|----------|
| | Budget | Bureau | No. | 42-R | 142 | 5. |
| 1 | 1 | 7 ~ | 1 | 11 | 11 | |
| 20 | -02 | / | 2. | XI | 40 | 1 |
| 5 LICAS | TE DESIG | NATION | - V | | | <i>L</i> |

| | PARIMENI | OF THE IN | I I EK | IOR | | ı' | | 2001/ | |
|--|-----------------------------------|-------------------------------|----------|-----------------------|--------------------|-----------|--|----------------|--|
| | GEOLO | GICAL SURVE | * | <u>പ്പാനവര</u> ന | = | ļ | 5. LEASE DESIGNATION | AND SERIAL NO. | |
| | | | SIC | 5 1 | <u> </u> | | NM-19625 6. IF INDIAN, ALLOTTEE | | |
| APPLICATION | N FOR PERMIT | O DRILLEY D | EEKK | HY OR PL | UG B | 4CK | O. IF INDIAN, ALLOTTER | OR TRIBE NAME | |
| 1a. TYPE OF WORK | 1.1 (37) | | - - | B. 11. | ~ ~ . L . | | 7. UNIT AGREEMENT N | | |
| | LL X | DEEPEN | امدم | | G BAC | 、 | T. ONLI AGREEMENT N | ME | |
| b. Type of Well. | AS TT | | DĘÇ | _{gle} 9 1983 | MULTIPLE | ,, | P. William | | |
| WELL W 2. NAME OF OPERATOR | ELL X OTHER | | ZON | | ZONE | | 8. FARM OR LEASE NAM | | |
| | | | Of | L & GAS | | ŀ | Longway Dray | V Fed. Con | |
| MYCO Indust | ries, Inc. | | | | | | 9. WELL NO. | | |
| 3. address of operator ROSWELL, NEW MEXICO | | | | | | | 1_{ρ} | | |
| 207 S. 4th, | Artesia, Nev | <i>M</i> exico | 8821 | . 0 | | | 10. FIRNO AND POOL OR WILDCAN | | |
| At surrace | eport location clearly and | | any St | ate requirement | s.*) | | Undes. Morrow | | |
| 1980' FSL and 1980' FEL | | | | | | l | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA | | |
| At proposed prod. zon | e | | | | | | | | |
| same | | | | | | ŀ | Sec. 8-T25S-R34E | | |
| 14. DISTANCE IN MILES A | AND DIRECTION FROM NEAD | REST TOWN OR POST | office* | • | | | 12. COUNTY OR PARISH | 13. STATE | |
| 24 miles SE | of Loving, 1 | New Mexico | | | | ŀ | Lea | NM | |
| 15. DISTANCE FROM PROPE LOCATION TO NEAREST | OSED* | | | OF ACRES IN L | EASE | | F ACRES ASSIGNED IS WELL | | |
| PROPERTY OR LEASE L (Also to nearest drig | INE, FT. g. unit line, if any) | 980' | | 320 | 1 | 320 | 15 4 200 | | |
| 18. DISTANCE FROM PROP | | - | 19. PRO | POSED DEPTH | | 20. ROTAR | Y OR CABLE TOOLS | | |
| TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 15,500' | | | | Rot | otary | | | | |
| 21. ELEVATIONS (Show whe | ether DF, RT, GR, etc.) | | | | <u>.</u> _ | | 22. APPROX. DATE WOL | RE WILL START* | |
| 3348' GL | | | | | | | ASAP | | |
| 23 | Г | ROPOSED CASING | GAND | CEMENTING 1 | PROGRAM | [| | | |
| SIZE OF EOLF | SIZE OF CASING | WEIGHT PER FOOT SETTING DEPTH | | | QUANTITY OF CEMENT | | | | |
| 24" | 20" | conductor | pip | eP.S. 81 | 0 ' | 3 vds | s redi-mix | | |
| 17 1/2" | 13 3/8" | 48# H-40 | | 450 381 | | _ | sx circulate | | |
| 12 1/4" | 10 3/4" | 40.5-51# | K-5 | | | | stage - circulate | | |
| 9 5/8" | 7 5/8" | 39-33.7# | S-9 | 5 11700 | | 1200 | | | |
| 6 1/2" | 5" liner | 18# P-11 | 0 | TI | D | 550 s | X | | |
| | | | | | | | | | |

We propose to drill, and test the Morrow and intermediate formations. Approximately 380'48f surface casing will be set and cement circulated to shut off gravel and caving. If commercial, production casing will be run and cemented with adequate cover, perforate and stimulate as needed for production.

MUD PROGRAM:

Surf. to 380' FW gel/LCM, 380' to 4700' Brine water, 4700' to 11700' cut brine, 11700' to 14000' brine/soda ash, 14000'

to 14700' wtd, brine polymer, 14700' to TD wtd. brine

polymer/KCL.

BOP's will be installed at 380' and tested daily. BOP PROGRAM:

GAS NOT DEDICATED.

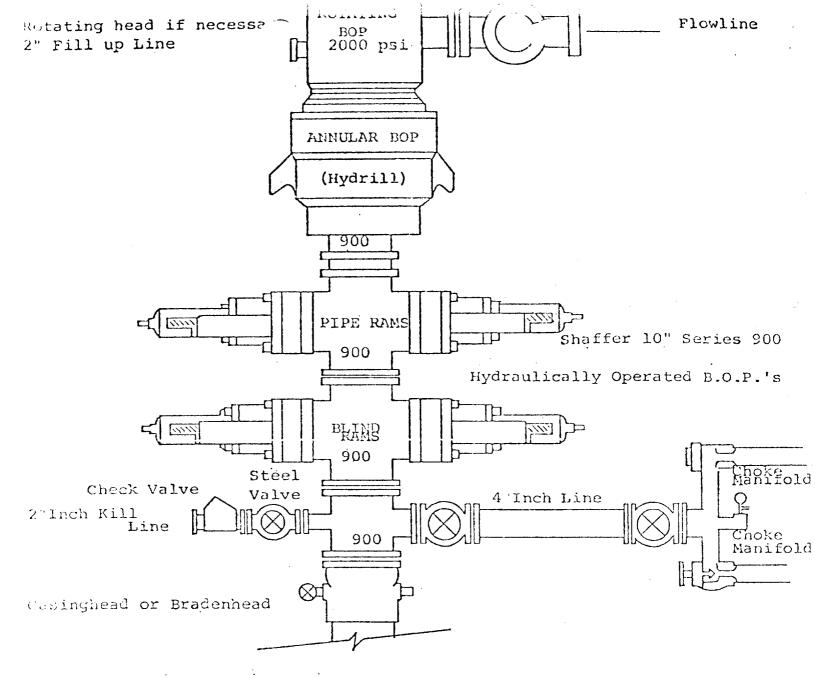
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout pre

| venter program, if any. | | | | |
|--|---------|------------------|--------|--------------|
| Debois X Ellebaur | TITLE _ | Regulatory Agent | DATE _ | 12/9/83 |
| (This space for Federal or State office use) | | | | |
| PERMIT NO. | | APPROVAL DATE | | |
| Orig. Sgd.' Earl R. Cunningham | TITLE | District Manager | DATE _ | DEC 2 0 1983 |
| CONDITIONS OF APPROVAL, IF AND | | | | |

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

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DEC 21 1983



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- 1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
- 2. Choke outlet to be a minimum of 4" diameter.
- 3. Kill line to be of all steel construction of 2" minimum diameter.
- 4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
- 5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- 6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- 7. Inside blowout preventer to be available on rig floor.
- 8. Operating controls located a safe distance from the rig floor
- 9. Hole must be kept filled on trips below intermediate casing.
- 10. D. P. float must be installed and used below zone of first gas intrusion.

DEC 21 1983
HOBES OFFICE