

NM OIL CONS. COMMISSION
DRAWER 10
ARTESIA, NM 88210
UNITED STATES

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

30-015-2743
Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

| | | | | | |
|---|--|--|---|--|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> | | | 5. LEASE DESIGNATION AND SERIAL NO. NM-0509 | | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | |
| 2. NAME OF OPERATOR Bass Enterprises Production Co | | | 7. UNIT AGREEMENT NAME Big Eddy Unit | | |
| 3. ADDRESS AND TELEPHONE NO. P.O. Box 2760, Midland, Texas 79702 915-683-2277 | | | 8. FARM OR LEASE NAME, WELL NO. Golden "D" Federal #3 | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2310' FEL & 1650' FSL Section 8, T21S, R29E At proposed prod. zone | | | 9. API WELL NO. | | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles E/Carlsbad, NM | | | 10. FIELD AND POOL, OR WILDCAT Golden Lane, South (Delaware) | | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 790' | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8, T21S, R29E | | |
| 16. NO. OF ACRES IN LEASE 640 | | | 12. COUNTY OR PARISH Eddy | | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | | | 13. STATE NM | | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 809' | | | 19. PROPOSED DEPTH 5200' | | |
| 20. ROTARY OR CABLE TOOLS Rotary | | | 21. APPROX. DATE WORK WILL START* Upon Approval | | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3384.8' GR Carlsbad Contention Water Basin | | | 22. APPROX. DATE WORK WILL START* Upon Approval | | |

| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
|---|----------------------|-----------------|---------------|--------------------------|
| SIZE OF HOLE | GRADE SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| * 14-3/4" | 11-3/4" | 42# | 1250' | 900 sx circ to surface |
| ** 11" | 8-5/8" | 32# | 3050' | 930 sx circ to surface |
| 7-7/8" | 5-1/2" | 15.5# | 5200' | 440 sx tie back to 2550' |

* Surface to be set 50' above Salts in the Rustler Anhydrite.
** Intermediate to be set @ 3050' or in the top of Lamar Lime.

Note: If returns are not lost, and severe seepage does not occur from 2350' to 3050', the hole size will be reduced to 7-7/8", and 8-5/8" intermediate casing will not be run.

Drilling procedure, BOPE diagram, anticipated tops and surface use plans attached.

CERTIFIED P-546-958-303
8-20-93

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 preventer program, if any.

24. SIGNED W.R. Dannels W.R. Dannels TITLE Sr Drilling Engr DATE 8/20/93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) RICHARD L. MANUS

AREA MANAGER

APPROVED BY _____ TITLE _____ DATE SEP 24 1993

*See Instructions On Reverse Side