

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

10470

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Hat Mesa

8. FARM OR LEASE NAME

Hat Mesa

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Hat Mesa Morrow Field

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 10, T-21-S, R-32-E

12. COUNTY OR PARISH

Lea County

13. STATE

N. Mex.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Bass Enterprises Production Co.

4. ADDRESS OF OPERATOR

P. O. Box 2760 Midland, Texas 79702

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FNL & 660' FWL, Sec 10, T-21-S, R-32-E
Lea County, N. M.

At proposed prod. zone

same as above

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

approx 30 miles NE of Carlsbad, New Mexico

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

8. NO. OF ACRES IN LEASE

9. PROPOSED DEPTH

14,600'

10. NO. OF ACRES ASSIGNED
TO THIS WELL

320

11. ROTARY OR CABLE TOOLS

Rotary

12. ELEVATIONS (Show whether DP, RT, GR, etc.)

3755 GL

13. APPROX. DATE WORK WILL START*

upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
20	16		40
15	11-3/4	42	450
11	8-5/8	24 & 32	5800
7-7/8	5-1/2	17	14600

QUANTITY OF CEMENT

Ready Mix

320 sx

1250 sx

1000 sx

RECEIVED

AUG 22 1978

Drilling procedure, BOPE diagrams, anticipated formation tops, and surface
use plans are attached.

RECEIVED

AUG 22 1978

SEE ATTACHED FOR
CONDITIONS OF APPROVALU. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO"APPROVAL TO PLUG BACK
WHILE DRILLING AND TESTING."

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 preventer program, if any.

24.

SIGNED

Gene Young

TITLE

Engineer Assistant

DATE

Aug. 17, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: