

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025-27803

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG-607

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☒

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Bass 32 State

2. Name of Operator

BASS ENTERPRISES PRODUCTION COMPANY

8. Well No.

1

3. Address of Operator

P O Box 2760 Midland, Texas 79702-2760

9. Pool name or Wildcat

Apache Ridge Bone Spn.
Quail Ridge Morrow

4. Well Location

Unit Letter C : 660 Feet From The North Line and 1980 Feet From The West Line

Section 32

Township 19S

Range 34E

NMPM

Lea

County

10. Proposed Depth

11. Formation

Bone Spring

12. Rotary or C.T.

13. Elevations (Show whether DF, RT, GR, etc.)

3658' GL, 3676' KB

14. Kind & Status Plug. Bond

15. Drilling Contractor

16. Approx. Date Work will start

Upon Approval

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	11-3/4"	42#	500'	400	Surface
11"	8-5/8"	24# & 28#	4598'	350	1290'
7-7/8"	5-1/2"	17#	13660'	350	12000'

Abandon current Morrow intervals 13,046'-13,499' as follows:

1. Set 5-1/2" CIBP @ 13,000'. Dump 35' class "H" cmt.

Recomplete to Bone Spring intervals 10,106'-10,126' and 9480'-9498', 9504'-9542' as follows:

1. Block squeeze Class "H" cmt behind 5-1/2" casing from 10,500'-9,000'.

2. Perf 10,106'-10,126' w/ casing gun. Acidize w/ 5000 gals 15% HCl.

3. Perf 9,480'-9,498' and 9,504'-9,542' w/ casing gun. Acidize w/ 2500 gals 7-1/2% HCl.

4. Frac perfs 9,480'-9,542'

5. Install completion equipment to produce perfs 9,480'-10,126'.

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.

SIGNATURE

G. S. Spencer

TITLE

Production Engineer

DATE

6-12-91

TYPE OR PRINT NAME

G. S. Spencer

TELEPHONE NO. (915) 683-2277

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 26 1991

RECEIVED

SEP 20 1991

CCO
HOBBS OFFICE