

Form 9-331C
(May 1963)
RECEIVED

SUBMIT IN 1 LOCATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☒ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Bass Enterprises Production Company

3. ADDRESS OF OPERATOR
P. O. Box 2760 Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
Unit K, 1980' FSL, 1980' FWL
At proposed prod. zone
Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
25 miles ESE from Malaga, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
1980'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
320

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3493' GL 3519' KB

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 1/2"	7 5/8" liner	39#	14,440'	400 sx
6 1/2"	4 1/2" liner	15.1 #	TD	200 sx

1. Pull Production string. Mill out permanent pkr.
2. Squeeze Wolfcamp perms 12,108 - 12,147 OA as necessary.
3. Drill out cmt. Test wellbore to 15.5 bpg equivalent.

Subsequent to this work, a drilling rig will be moved in to deepen the well to a proposed TD of 15,350'. Drilling procedure, BOP diagram, and anticipated formation tops are attached.

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 G. S. Spencer TITLE Production Engineer DATE 12-3-90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 12/4/91
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
NM -05022- A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Poker Lake
9. WELL NO.
58
10. FIELD AND POOL, OR WILDCAT
Big Sinks (Wolfcamp) Gas
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 27, T24S, R31E
12. COUNTY OR PARISH
Eddy
13. STATE
NM

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

DRILLING PROCEDURE

POKER LAKE #58
EDDY COUNTY, NEW MEXICO

LOCATION:

1980' FSL and 1980' FWL, Section 27, T24S, R31E

PROTECTIVE INTERMEDIATE:

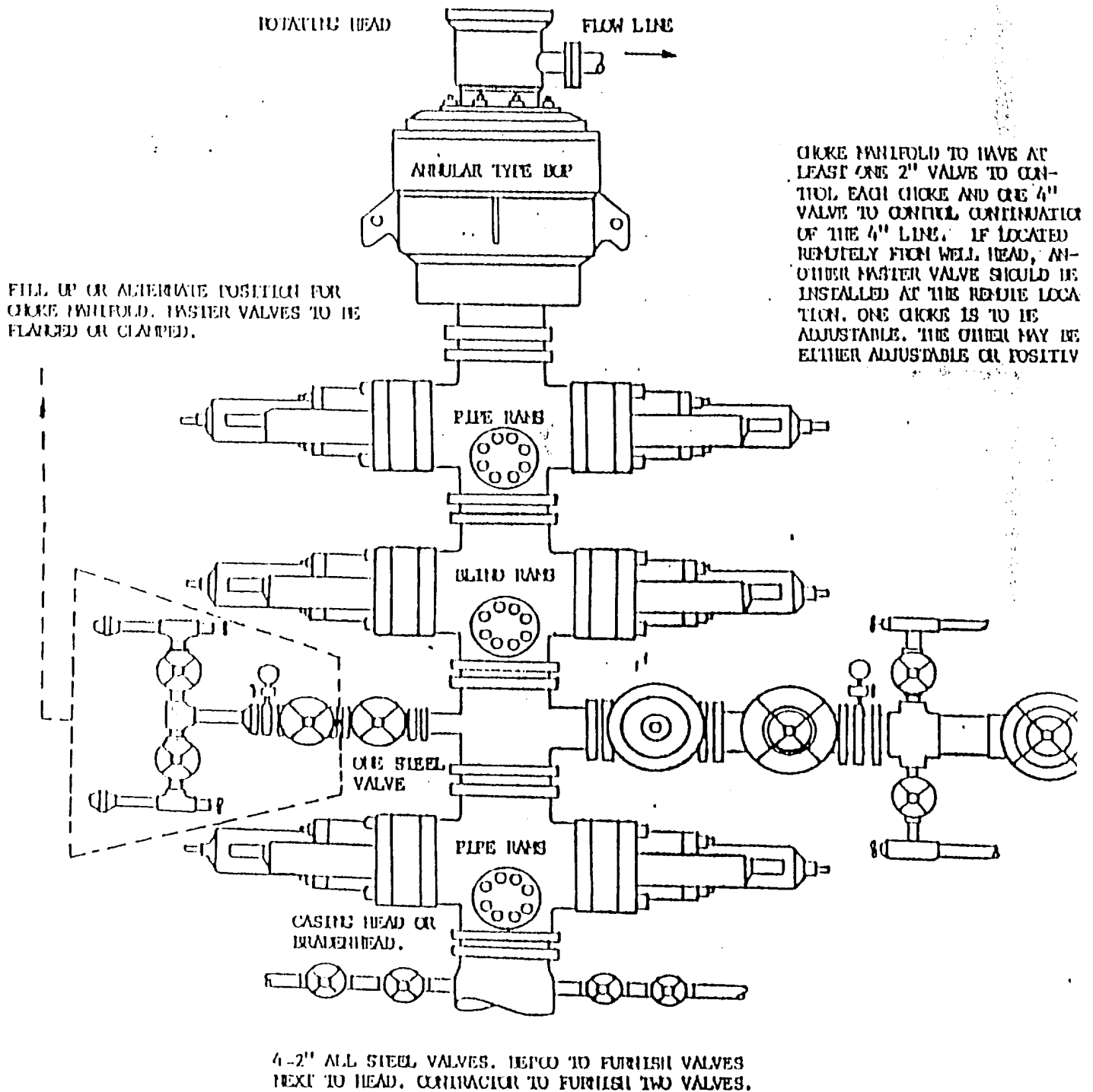
An 8-1/2" OH will be drilled to $\pm 13,600'$ (T/Strawn @ 13,670') with a 10 ppg brine system. The section from 13,600' to 14,440' will be drilled with a 12.5 - 14.5 ppg mud system. A 7-5/8" drilling liner will be set at 14,440' and cemented with 400 sx Class "H" cement plus additives. Liner top will be tested to 2000 psi and squeezed if necessary.

PRODUCTION HOLE:

A 6-1/2" OH will be drilled to proposed TD at $\pm 15,360'$ with a 10.0 - 10.3 ppg mud system. A 4-1/2" liner will be set at TD and cemented with 200 sx Class "H" cement plus additives.

ANTICIPATED FORMATION TOPS

FORMATION	SUBSEA DEPTH	MEASURED DEPTH
T/Strawn	-10,160	13,670
T/Atoka	-10,315	13,825
T/Upper Morrow	-10,895	14,405
T/Middle Morrow	-11,370	14,880
T/Lower Morrow	-11,800	15,310



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- Opening between the ram to be flanged, studded, or clamped.
- All connections from operating manifolds to preventers to be all steel hose or tube a minimum of one inch diameter.
- The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventers.
- All connections to and from preventer to have a pressure rating equivalent to that of the DOPs.
- Manual controls to be installed before drilling cement plug.
- Kelly cock to be installed on kelly.
- Inside blowout preventer to be available on rig floor.
- Two operating controls: one located by drillers position and the other located a safe distance from floor.

FOUR CLOSURE HYDRAULIC BLOWOUT PREVENTERS

DIAGRAM 2