

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

Perry R. Bass

3. ADDRESS OF OPERATOR

Box 1178, Monahans, Texas 79756

4. LOCATION OF WELL (Report location clearly and in accordance with a State requirements.)

At surface

660' FSL & 1980' FWL, unit later N
At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3485' KDB, 3466' GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	804	950 sks, cem. circ.
13 3/4"	11 3/4"	47#	2572	1200 sks, cem. circ.
10 5/8"	8 5/8"	24# & 32#	3990	300 sks, T/cem. 3200'
7 7/8"	5 1/2"	17#	4500*	275sks*

* Proposed.

Proposed program: Rig up well service unit - kill well & install BOP equipment - pull rods & tubing - rerun tubing w/Baker "Mercury" series Model K CI cement retainer; set retainer @ approximately 11,300' & cement the Strawn perforated interval 11350' to 11,360' w/50 sks reg. cement. Pick up out of retainer & displace hole with 9.0 to 9.2 PPG brine gel mud. Pull tubing and rig down well service unit. Rig up casing salvage unit. Run McCullough free point tool - cut 5 1/2" csg at lowest indicated free point (assumed to be 9,200'). Disannulus behind 5 1/2" csg with 9.0 to 9.2 PPG brine gel mud. Spot 60 sks regular cement through 5 1/2" csg @ 9,200' (Est. top of cement: 9,037'). Pull 5 1/2" csg to 5,800' - spot 60 sks regular cement @ 5,800' (Est. top of cement: 5,637'). Pull remaining 5 1/2" csg. Rig down casing salvage unit & rig up well service unit with sufficient capacity to handle 4,500' of 5 1/2" OD 17#/ft csg. Rerun 5 1/2" OD 17#/ft, J-55 casing to 4,500' with bottom 550' having 1 centralizer per joint. Circulate and condition mud to 8.4 PPG. Cont'd on back.

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

Jack H. Lemon

TITLE

Division Engineer

DATE

May 27, 1969

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

MAY 27

R. L. BECKMA

ACTING DISTRICT

Subject to placing 40 sks (100') cement
plug @ 7500' to previous telephone
conference.

*See Instructions On Reverse Side

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.

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Cement 5½" csg w/275 sks (sufficient to tie into 8 5/8" csg). Incor neat cement (14.7PPG). WOC a minimum of 24 hours. Perforate the interval 4,282' to 4,269' w/2JSPF. Run tubing open ended and swab test well natural. Treat with 5,000 gals. sand oil (1# SPG) if necessary and test.

If interval 4,282' to 4,269' proves non-commercial: load hole with water - pull tubing and rerun with Baker "Mercury" series Model K CI cement retainer; set retainer @ approximately 4,250' and cement perforations 4,282' to 4,269' w/50 sks regular cement. WOC 24 hours. Perforate interval 4,229' - 4,219' w/2JSPF. Run tubing open ended and swab test well natural; treat with 5,000 gals sand oil (1# SPG) if necessary and test.