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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7/6/83
UNLESS DRILLING UNDERWAY

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.
-

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

C. W. Stumhoffer

3. Address of Operator

Suite 1007 Ridglea Bank Bldg., Fort Worth, Texas 76116

4. Location of Well

UNIT LETTER G LOCATED 2310 FEET FROM THE North LINE

AND 2310 FEET FROM THE East LINE OF SEC. 35 TWP. 22S RGE. 37E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Shipman

9. Well No.

1

10. Field and Pool, or Wildcat
Langlie Mattix 7 Rvrs Q
Grayburg

UNDESIGNATED

12. County

Lea

19. Proposed Depth

3670'

19A. Formation (Lower Penrose Queen)

20. Rotary or C.T.

Rotary

11. Elevations (show whether DF, RT, etc.)

3297.2 GR 3307.2' RKB

21A. Kind & Status Plug. Bond

One-Well Plugging

21B. Drilling Contractor

WEK Drilling Company

22. Approx. Date Work will start

7/6/82

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8" OD	23	1200'	Sufficient to circulate	Surface
7 7/8"	4 1/2" OD	10.5	3660'	To fill to base of salt	2500'

C. W. Stumhoffer proposes to drill his Shipman #1 for completion in the Penrose (Lower Queen) Sand at an approximate depth of 3660'.

Casing program will consist of 8 5/8" OD, 23# surface casing to be set at an approximate depth of 1200' in Anhydrite at top of salt section to be cemented to surface with Class H cement with 2% CaCl. Production casing consisting of 4 1/2" OD, 10.5# pipe to be set on top of Penrose Sand at 3660' on packer shoe and cemented with adequate 50/50 poz cement with 18% salt, 3/4 of 1% CFR-2, and Gilsonite to bring top of cement behind production casing to base of salt. Surface casing will be pressure tested to 1000 psi and production casing to 3000 psi.

During drilling operations, the WEK Drilling Company rotary rig that is to drill the proposed well will be equipped with a Schaeffer Type E 10" Series 900 Hydraulic BOP.

Mud Program will be native mud from surface to top of Seven Rivers and salt water mud from top of Seven Rivers to total depth.

The Penrose will be completed for production from open hole from approximately 3660'-70'.

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.

C. W. Stumhoffer

Signed C. W. Stumhoffer Title Operator

Date July 1, 1982

(This space for State Use)

ORIGINAL SIGNED BY

JERRY SEXTON

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

MINISTRY SUPP.

JUL 7 1982

Received

JUL 6 1982

U.S.D.
HOMES OFFICE