

ILLEGIBLE

N.M.D.C. COPY

SUBMIT IN TRIPPLICATE*

Form approved.
Budget Bureau No. 42-R1425.

30-015-71013

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 Wildcat

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Mark Production Company

RECEIVED

3. ADDRESS OF OPERATOR

330 Citizens Bank Bldg., Tyler, Texas 75701 NOV - 9 1973

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

At surface

1980' from the south line and 1980' from the east line
of Section 27, T16S-R30E

At proposed prod. zone

Same

O.C.C.

ARTESIA, OFFICE

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

5 miles north of Loco Hills

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

660'

16. NO. OF ACRES IN LEASE

480 acs

17. NO. OF ACRES ASSIGNED TO THIS WELL

40 acs

18. DISTANCE FROM PROPOSED LOCATION*

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

1320'

19. PROPOSED DEPTH

9,000 feet

20. ROTARY OR CABLE TOOLS

Rotary

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

3771' GL

22. APPROX. DATE WORK WILL START*

Nov. 15, 1973

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	12-3/4"	65#	500'	400 sacks
11"	8-5/8"	24# - 32#	2,900'	375 sacks
7-7/8"	4-1/2"	10.5# - 11.6#	9,000'	375 sacks

10" 900 Series Hydril

Shaffer Model 39 - 3000# Hydraulic Blowout Preventers (see attached plat showing choke manifold and equipment)

MUD PROGRAM:

0' - 500' - Spud mud
500' - 3000' - Native mud
3000' - 7500' - Water
7500' - 8000' - Mud up and build viscosity
8000' - 9000' - 9.5# to 9.8# - Vis 34-40 - W.L. 20 cc or less

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

(This space for Federal or State office use)

TITLE Assistant Secretary

DATE October 29, 1973

NOV 7 1973

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE DISTRICT ENGINEER

DATE

REQUIREMENTS DATED

6-22-73

ATTACHMENTS:

1. Development Plan for Surface Use
2. Acreage Plat

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.

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.