

10CC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved
Budget Bureau No. 42 R1425.

30-015-22384

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 ☐

2. NAME OF OPERATOR
Texas Oil & Gas Corp. ✓

3. ADDRESS OF OPERATOR
900 Wilco Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
2080' FSL and 1980' FEL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
28 miles south and east of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any.)
560'

16. NO. OF ACRES IN LEASE
520

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
11,300'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.)
3318.0' GR

22. APPROX. DATE WORK WILL START*
As soon as possible

7. UNIT AGREEMENT NAME
NM 27642

8. FARM OR LEASE NAME
McMillan Federal Com.

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Undesignated

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 14-T20S-R27E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

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DEC 28 1977

O. C. C.
ARTESIA, OFFICE

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13 3/8"	48# H-40 ST&C	400'	450 sx Class C w/2% CaCL2 (200% fillup).
12½"	8 5/8"	24# and 28# K-55 ST&C	2900'	650 sx 50/50 Pozmix - Class C mix, 6% gel; followed by 200 sx Class C Neat.
7 7/8"	4½"	11.6# and 13.5# N-80 LT&C	11300'	*450 sx 50/50 Pozmix - Class H mix, 6% gel, .2% HR-12; followed by 450 sx Class H w/.2% HR-12.*

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DEC 13 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

*Volume to be adjusted according to caliper.

BOP Program: See Exhibit C.

Mud Program: See reverse.

Gas not dedicated.

18. 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. Edward N. Lucking Vice-President, Oil & Gas Administrative Services Co., Agent
SIGNED Edward N. Lucking TITLE DATE 12/13/77
for Texas Oil & Gas Corp.

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE DEC 23 1977

APPROVED BY Joe D. Lara TITLE ACTING DISTRICT ENGINEER DATE DEC 23 1977

CONDITIONS OF APPROVAL, IF ANY: _____

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAR 23 1978

*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.

Mud Program:

0' to 400' : Fresh water spud mud 8.5#-9.0#, 28-32 Visc.

400' to 2900' : Fresh water. Circulating reserve pit.
8.4#, 28 Visc.

2900' to 8500' : Fresh water. Circulating reserve pit,
adding brine water as needed for weight.
8.4#-8.7#, 28-30 Visc.

8500' to 10000' : Cut brine, adding brine as needed for weight.
9.0#-9.6#, 28-30 Visc. WL-NC.

10000' to 11300' : Mud up in steel pits with polymer mud &
Drispac for WL. 9.3#-10.2#. 32-40 Visc.
5-10 WL.