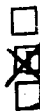


(May 1963)

NMDC - ARTESIA
NMDC - MDCB
BLM - SOUTHERN



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*

(Other instructions on reverse side)

Form approved.

Budget Bureau No. 42-R1425.

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

Shell Oil Company (Western Division)

3. ADDRESS OF OPERATOR

P.O. Box 1509, Midland, Texas 79701

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

At surface 1980' FWL & 660' FWL, (NW/4 SW/4), Section 26, T-8-S,

R-30-E, Chavez County, New Mexico

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)

16. NO. OF ACRES IN LEASE

800

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

19. PROPOSED DEPTH

3700'

20. ROTARY OR CABLE TOOLS

Rotary

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

4181' DF

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	33.5#	465'	Circ'd cement
7 7/8"	5 1/2"	15.5#, 17#	3700'	TOC (2600')

1. Pull tubing, packer and BP
2. Squeeze perforations. WOC 24 hrs.
3. Run tubing and bit. Drill out cement to 3565'. Treat with 70 gallons 15% acid + inhibitor across perforations. Pull tubing.
4. Perforate with 1 3/8" JS at 3535', 3539', 3541', 3552', 3557', & 3559'.
5. Run tubing & packer
6. Treat w/1400 gallons 28% acid + required additives and use ball sealers.
7. Recover load
8. Place on production

RECEIVED

NOV 14 1967

U. S. GEOLOGICAL SURVEY
MIDLAND, NEW MEXICO

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 measurements. Give blowout preventer program, if any.

24.

SIGNED

Original Signature
J.D. Duren

TITLE

Staff Petrophysical Engineer

DATE

November 13, 1967

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 14 1967

J. W. Sutherland
J. W. SUTHERLAND
DISTRICT ENGINEER

*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.