

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

CITIES SERVICE OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 69, Hobbs, N.M. 88240

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

At surface

1530' FHL & 1530' FEL of sec 27-T25S-R24E, Eddy Co. N.M.

At proposed prod. zone

Same as above

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

5 miles South & 6 1/2 miles West of White City, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. line, if any)

660' South

18. DISTANCE FROM PROPOSED LOCATION*

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

2310' SW

16. NO. OF ACRES IN LEASE

2540.3

19. PROPOSED DEPTH

7200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3775 Est. GR

22. APPROX. DATE WORK WILL START*

April 25, 1972

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	750	Circulate
7 7/8"	5 1/2"	14# & 15.5#	7200	350 sacks

It is proposed to drill to a T.D. of 7200' and test the Strawn and Morrow formations.
The blowout prevention program is as follows:

1. One set blind rams
2. One set drill pipe rams.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug b.
zone. If proposal is to drill or deepen directionally, give pertinent data on subs
prevention program, if any.

Give data on present productive zone and proposed new productive
locations and measured and true vertical depths. Give blowout

24.

SIGNED _____

TITLE _____

Dist. Admin. Super.

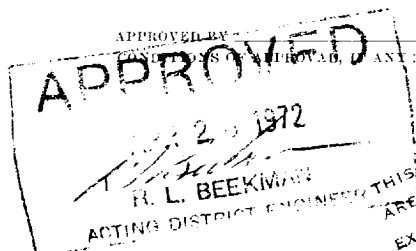
DATE _____

April 24, 1972

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____



See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENT BEHIND THE 8 5/8"
CASING MUST BE CIRCULATED

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 wells 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.



CITIES SERVICE OIL COMPANY

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

April 25, 1972

SUBJECT: Recommended Mud Program for Government M #3
1980' FNL, 1980' FEL, Section 27-25S-24E,
Eddy County, New Mexico

0--750': Surface casing 8 5/8" at 750': Drill with Gel fresh water mud flocculated with lime and treated with loss circulation material.

750' - 5000': Production casing 5 1/2" at 7200': Drill with fresh water treated with BENEX and CONDET to prevent solids build up. HYSEAL for seepage loss of fluid.

5000' -- 7200': Mud up with non-dispersed mud using AQUAGEL and FLOSAL for viscosity, DEXTRID and DRISPAC for fluid loss control, DESCO or CC-16 to control flow properties. Maintain following properties: viscosity 33--34 sec/1000 cc, weight 8.8 -- 9.0 lbs/gal., fluid loss below 10 cc. Increase viscosity and weight as hole conditions warrant.

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