

RECEIVED BY

SUBMIT IN THE DATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.JUN 14 1984 UNITED STATES
DEPARTMENT OF THE INTERIOR
O. C. D. 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

MOBIL PRODUCING TX. & N.M. INC.

3. ADDRESS OF OPERATOR

Nine Greenway Plaza, Suite 2700 Houston, TX 77046

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

At surface

1980'FWL & 1580'FSL of Sec. 22, T-25-S, R-29-E

At proposed prod. zone

same

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

10 miles - Malaga, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST

1580' FSL

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 260

18. DISTANCE FROM PROPOSED LOCATION*

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

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

GL - 3062', KB - 3078'

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	N/A	350'	400 sx ClH
12¼"	9-5/8"	36#	3097'	1800 sx ClH
8-3/4"	7-5/8"	33#, 29.7#, 26.4#	10982'	925 sx T1LW & ClH
6-3/4" & 6½"	5-1/2" Liner	20#	13128'	400 sx ClH
4-5/8"	3-1/2" Liner	9.2#	13840'	80 sx ClH

This well is presently completed in the Corral Draw (Wolfcamp) Field which has been depleted. Permission is requested to plug back and test the Bone Springs and Bell Canyon zones as outlined below:

- 1) NU BOP's & Test, POH w/tbg set per plug in Baker F-1 pkr @ 11460'
- 2) Spot 20 sx (210') ClC neat cmt on pkr DB-11250'. Spot 9.5ppg MLF from 11250' to 10810'. Spot 15 sx (100') ClC neat cmt across liner top (10760') from 10810' to 10710'. Spot 9.5ppg MLF from 10710' to 9900'. Spot 20 sx (100') ClC neat from 9900' to 9800'. Set ClPB @ 9800'.

(continued on reverse side)

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

A. D. Bond

A. D. Bond

TITLE

Regulatory Technician
Supervisor

DATE

May 31, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

P. E. [Signature]

TITLE

P. E.

DATE

6/13/84

CONDITIONS OF APPROVAL, IF ANY:

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.

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- 3) Log (Dresser Atlas "Spectralog") & perf Bone Springs interval. Acidize w/15% HCl acid for clean up.
- 4) If Bone Springs is unproductive, set ClBP above top perf. Cap w/50' ClC neat cmt.
- 5) Perf Bell Canyon Ramsey sand 3171' to 3196' - 1spf - 26 holes - acidize w/15% HCl acid. Swab test & evaluate.