

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

Adobe Oil Company

## 3. ADDRESS OF OPERATOR

1100 Western United Life Bldg., Midland, Texas 79701

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

At surface  
2003' FNL & 1836' FEL Sec 14, T-23-S, R-24-E

At proposed prod. zone

same

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

16 miles SW from Carlsbad, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any) 1836

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

none

## 16. NO. OF ACRES IN LEASE

640

## 19. PROPOSED DEPTH

PB to 9000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3890.1' Gr.

## 22. APPROX. DATE WORK WILL START\*

11/22/74

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24 & 28#	2800'	950 sxs circulated
7-7/8"	5-1/2"	17#	10,315'	250 sxs class "H"

Well is currently dead in lower Morrow zone at 10,182' to 9874' and is producing 70 Mcfpd from upper Morrow zone at 9874' to 9898'. Will set cement retainer at 10,000' and squeeze lower perforations with 100 sxs cement. Will set bridge plug at 9000' and perforate at 8750' to bring cement up behind 5-1/2" casing to cover Strawn zone. After drilling out will test squeeze job and perforate Strawn zone with 22 holes from 8407' to 8899', run 2-7/8" tbg with packer and test perforations. A 6" Series 900 BOP with pipe and blind rams will be used during workover.

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

TITLE Drilling Superintendent

DATE 11/21/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 21 1974

APPROVED BY

TITLE DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY: