

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

SUNDANCE OIL COMPANY

## 3. ADDRESS OF OPERATOR

Suite 910, 1776 Lincoln St., Denver, CO 80203

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

At surface

660' FSL and 660' FWL, Unit M

At proposed prod. zone

Same

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

18 miles southeast of Kenna, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660

## 16. NO. OF ACRES IN LEASE

560

## 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.

1650

## 19. PROPOSED DEPTH

4420

## 20. ROTARY OR CABLE TOOLS

Rotary

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

4478.6' GL

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

December 1, 1980

## 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              | 1900' CULATE  | 300 sx Econ & 100 sx Class C |
| 7 7/8"       | 4 1/2"         | 10.5            | 4420          | 300 sx 50/50                 |

Well will be drilled to total depth and evaluated by running logs and DST's when necessary. Casing will be run when logs and DST's indicate possible commercial production.

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

Richard O. Dimit

TITLE Vice President, Production

DATE October 27, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. Sgd.) PETER W. CHESTER

TITLE

ACTING DISTRICT ENGINEER

DATE

NOV 26 1980

CONDITIONS OF APPROVAL, IF ANY: