

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-23382

## 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  
RECEIVED ☒

## 2. NAME OF OPERATOR

Holly Energy Inc.

JUN 25 1980

## 3. ADDRESS OF OPERATOR

P.O. Box 176 Artesia, N.M. 88210

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

990' FSL 2310' FEL Sec 20 T-17S R-30E ARTESIA, OFFICE

At proposed prod. zone

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

1/2 mile

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

330'

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

660'

## 16. NO. OF ACRES IN LEASE

160

## 19. PROPOSED DEPTH

3500

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3613.5

## 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#	50'	late
7 7/8	5 1/2	14-15 1/2#	TD to surface	to cover all production zones.

JUN 11 1980

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

We propose to drill this well to 3500' and complete in the Grayburg and San Andres.  
All Zones indicating porosity will be acidized or sand fraced.

Mud Program: Water and native mud will be used at approximately 100' of T.D.  
We will mud up to get hole in shape to log.

A 10" series shaffer type F. Double B.O.P. will be used in drilling this well.

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 Robert Loyd TITLE Superintendent DATE June 9, 1980

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE June 10 1980

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: