

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 ☐

## 2. NAME OF OPERATOR

Holly Energy, Inc. ✓

## 3. ADDRESS OF OPERATOR

P. O. Box 726, Artesia, New Mexico 88210

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

At surface

990' FSL and 990' FEL of Section 20, T. 17-S, R. 30-E

At proposed prod. zone

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

1/2 Mile Southwest Loco Hills, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

990'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

580'

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

3631' GR

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/8"	4 1/2"	11.60	3500'	325 sacks.

The subject well was drilled to <sup>TD of</sup> 1819' with 541' of 8 1/4" 28# casing and cemented with 50 sacks of cement and 1662' 7" 20# casing and cemented with 100 sacks of cement.

We propose to deepen well to 3500' and complete in 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 200' of TD, to get hole in shape to log.

A 10" 900 series Schaffer Type F double BOP 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

March 8, 1978

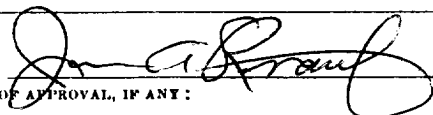
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 27 1978

APPROVED BY



TITLE

JUN 27 1978

DATE

CONDITIONS OF APPROVAL, IF ANY: