

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

reverse side

30-125-27402  
5. LEASE DESIGNATION AND SERIAL NO.

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

HOLLY ENERGY, INC.

3. ADDRESS OF OPERATOR

P.O. BOX 726, ARTESIA, N.M. 88210

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

At surface 2189' FNL & 500' FEL SEC. 6 T-21S, R-32E

At proposed prod zone

1980 FEL & 660 FNL SEC. 6 T-21S, R-32E

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

23 MILES SOUTH OF MALJAMAR, 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

333.68

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

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

19. PROPOSED DEPTH

14,100

20. ROTARY OR CABLE TOOLS

ROTARY

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

3634.7 GR.

22. APPROX. DATE WORK WILL START\*  
AS SOON AS POSSIBLE  
AFTER APPROVAL

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	54.50# K-55	500'	625 SACKS CIRCULATED
12 1/4	9 5/8	40# K-55	5200'	1420 SACKS CIRCULATE
8 3/4	5 1/2	17# & 20# K-55	14,100'	CEMENT WITH SULFATE RESISTANT CEMENT TO COVER ALL PRODUCTIVE ZONES

MUD PROGRAM: 0-500' SPUD MUD  
500-3700 10# BRINE  
3700-5200 9.6# SALT GEL AND OIL  
10,900-14,000 10.1 2% KCL WATER W.L. 10c.c. 35-38 VIS.  
14,000-14,100 10.5 2% KCL WATER W.L. 6c.c. 35-38 VIS.

B.O.P. PROGRAM: ONE (1) HYDRIL 10" TYPE B  
ONE (1) SCHAFER DOUBLE 10" TYPE B  
BOTH 1500 SERIES, HYDRAULIC OPERATED

GAS NOT DEDICATED

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 location and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Robert Loyd

TITLE

SUPERINTENDENT

DATE

JUNE 6, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side