

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

Holly Energy, Inc. ✓

3. ADDRESS OF OPERATOR

Box 726 Artesia, New Mexico 88210

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

At surface

1303' FEL and 1265' FNL

At proposed prod. zone

same as above

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

18 miles Southeast of Lakewood, New Mexico

15. DISTANCE FROM PROPOSED*

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

1265'

16. NO. OF ACRES IN LEASE

200

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

11,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3201.0

22. APPROX. DATE WORK WILL START*

April 1, 1978

23.

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	48#	450'	400 sx class C w/2% CaCl
12 1/4	9 5/8	36# to 40#	2700'	Cement to cover all zones
7 7/8	4 1/2	11:60	11,000'	to base of salt section
				Cement w/sulfate resistant
				Cement to cover all potential
				pay zones

Mud Program: Native Mud 0' to 8000'
Fresh Water mud 8000' to 9900' 8.8 lbs per gallon, vis 35,
water loss 12.
Fresh Water mud 9900' to 11,000' 9.0-9.2 lbs per gallon,
vis 38, water loss less than 10.

B.O.P. Program: One (1) Hydril, 10" type GK
One (1) Schaffer Double 10" type "B"
Both 1500 Series, Hydraulic Operated.

Gas not dedicated.

NMOCC
NSA-930

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

Production Superintendent

DATE Feb. 28, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

MAR 30 1978

APPROVED BY

Joe J. Lara

TITLE

ACTING DISTRICT ENGINEER

DATE

MAR 30 1978

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMPLETED WITHIN 3 MONTHS.
JUN 30 1978

*See Instructions On Reverse Side