

NM OIL CONS. COMMISSION  
Drawer DD  
Artesia, N. M. 8210SUBMIT IN TRIP. ☒ E\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-30893

## 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

Hilliard Oil &amp; Gas

## 3. ADDRESS OF OPERATOR

3000 N. Garfield Suite 120 Midland, Texas 79701

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

At surface

2180' FSL &amp; 660' FEL

At proposed prod. zone

Same

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

30 miles East of Hagerman, 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

1360

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

## 19. PROPOSED DEPTH

9,500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

4069 GR

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

November 20, 1982

## 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#	500'	550 Sx Class "C" Circulate
11"	8 5/8"	24#	3300'	1100 Sx HL + 300 Sx "C" Circulate
7 7/8"	5 1/2"	17#	9500'	500 Sx Class "H"

## Mud Program:

0' - 500' Spud Mud, FW, Gel.

500' - 3,300' Brine and native mud, mud wt. 9.9-10.2 ppg, Vis 29-33, no WL.

3,300' - 9,000' Cut brine and native mud, mud wt. 9.4-9.6 ppg, Vis. 29-33, no WL.

9,000' - 9,500' Mud up with salt water base, mud wt. 9.4-9.7 ppg., Vis. 36-43 WL 20cc.

## BOP Program:

A 5000 PSI WP blow out preventer will be used and tested in accordance with Exhibit "E".

RECEIVED

NOV 3 1982

OIL & GAS  
MINERALS MGMT. SERVICE  
ROSWELL, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on new productive zone and proposed new productive zone. If proposal is to deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*George H. Siewark*

Agent for:

TITLE Hilliard Oil &amp; Gas

DATE November 2, 1982

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. SIEWARK

PERMIT NO.

NOV 10 1982

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. CULHAN  
DISTRICT SUPERVISOR

TITLE

DATE