

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-015-20980
5. LEASE DESIGNATION AND SERIAL NO.

NM 0452402

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

DEER CANYON UNIT

8. FARM OR LEASE NAME

DEER CANYON UNIT

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 14, T-20-S, R-21-E

12. COUNTY OR PARISH

Eddy

13. STATE
New Mexico

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 & GAS, INC.

3. ADDRESS OF OPERATOR

906 Building of the Southwest, Midland, Texas 79701

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

At surface

2180' FNL & 660' FWL

At proposed prod. zone

Same

OCT 16 1973

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

17 miles southwest of Hope, New Mexico

O. C. C.

15. DISTANCE FROM PROPOSED*

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

460

16. NO. OF ACRES ASSIGNED

1080

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.

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19. PROPOSED DEPTH

8800'

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 4293'

22. APPROX. DATE WORK WILL START*

October 5, 1973

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	40.5	300	350 sx Reg.
12½"	8-5/8"	24	1800	1000 sx

We propose to drill a well at this location, as follows:

1. Drill 17½" hole to 300'. Set 13-3/8" casing & cement to surface.
2. Drill 12½" hole to 1800'. Set 8-5/8" casing & cement to surface.
3. Drill 7-7/8" hole to TD @ 8700'±.
4. Test all significant shows & run open hole logs.
5. In event of a dry hole, well will be plugged as per USGS Requirements.
6. BOP's will be installed when 8-5/8" casing is set and will be pressure tested.
BOP's will be operated & checked daily.

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

Carol K. Ramey

TITLE

Manager of Operations

DATE

9-24-73

(This space for Federal or State office use)

APPROVED
10-2-73H. L. BEEKMAN
ACTING DISTRICT ENGINEERSUBJECT TO ATTACHED DEEP WELL CONTROL
APPROVAL DATE
JUN 22 1973
REQUIREMENTS DATED
TITLEDECLARED WATER BASIN
13 3/8"CEMENT BEHIND THE 8 3/8"
CASING MUST BE CIRCULATEDTHIS APPROVAL IS NOT VALID IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JAN 15 1974
*See Instructions On Reverse SideNOTIFY
WITNESS CEMENTING THE 8 3/8" CASING.