

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21839

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

HARLAN DRILLING COMPANY, INC.

3. ADDRESS OF OPERATOR

P.O. Box 1367, Farmington, New Mexico 87401

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

At surface NW $\frac{1}{4}$, Sec 1, TWP-30-N, R-16-W, NM PM

At proposed prod. zone 2310 From North line, 2310 From West line

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

Approx. 15 Miles North Of Kirtland, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 330 Ft.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

160 more or less

17. NO. OF ACRES ASSIGNED

TO THIS WELL 10

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

1800 ft.

20. ROTARY OR CABLE TOOLS

Rotary Air

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

5440 Gr.

22. APPROX. DATE WORK WILL START*

7/8/75

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$ "	10"	32#	25'	Cement to surface
8 3/4 "	7"	23#	350'	Set On Shoulder
6 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	9.5#	1600 '	Cement with 20 to 30 Sacks



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

TITLE

President

DATE

6/30/75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

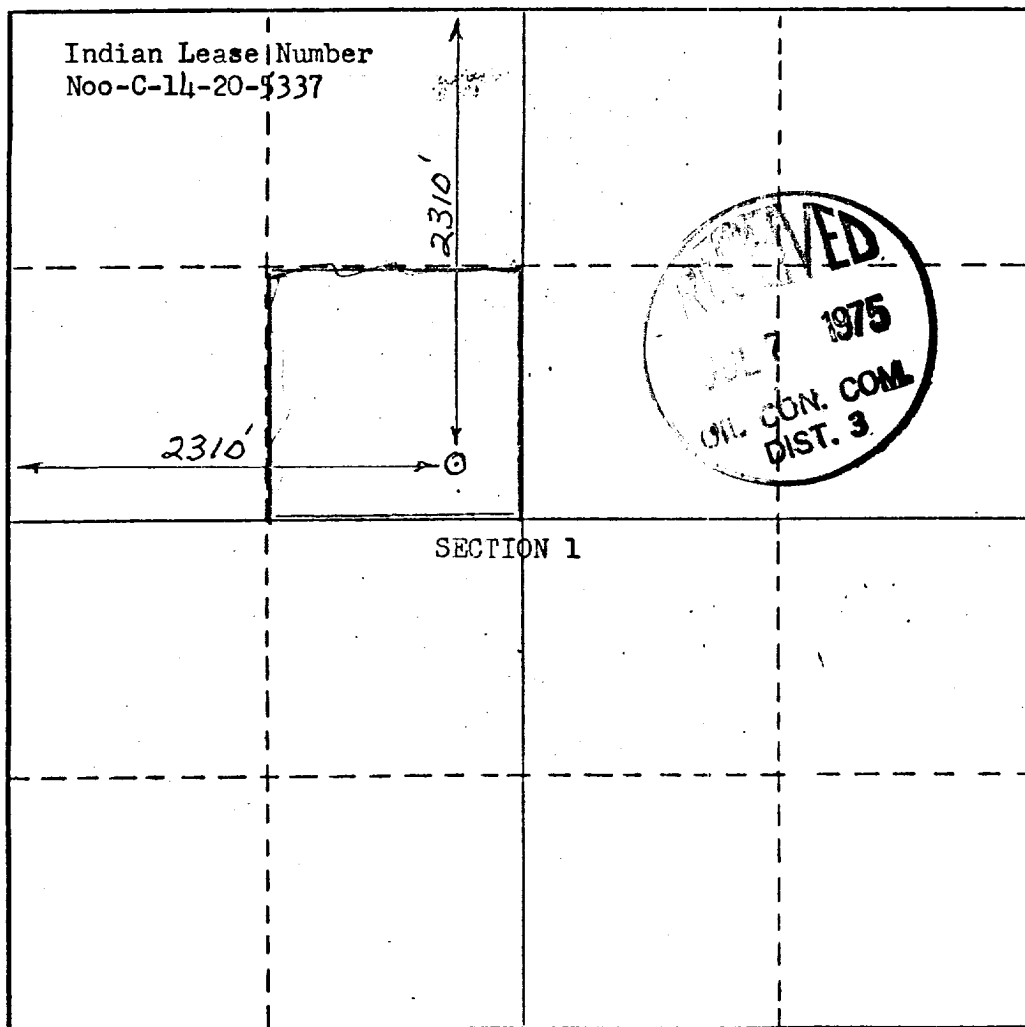
Operator Harlan Drilling Co.			Lease Indian <i>7-11-1975</i>		Well No. 1
Unit Letter F	Section 1	Township 30 N	Range 16 W	County San Juan	
Actual Footage Location of Well: 2310 feet from the north line and 2310 feet from the west line					
Ground Level Elev. 5440	Producing Formation Gallup	Pool Verde	Dedicated Acreage: SE$\frac{1}{4}$NW$\frac{1}{4}$ (40) Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
President
Position
Harlan Drilling Co.
Company *Bx 1367 Farmington, NM*
Date
March 3, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

March 3, 1975

Date Surveyed
Stephen H. Kinney
Stephen H. Kinney
Registered Professional Engineer
and/or Land Surveyor

NM #803

Certificate No.

