

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 **Corehole**SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

**Harvia Drilling Company**

3. ADDRESS OF OPERATOR

**Granger, Utah**

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

At surface

**440' from south line and 3400' from west line**

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)**440'**

16. NO. OF ACRES IN LEASE

**1570.65**

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.**None**

19. PROPOSED DEPTH

**700±'**17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

**Rotary**

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

**Will report later.**

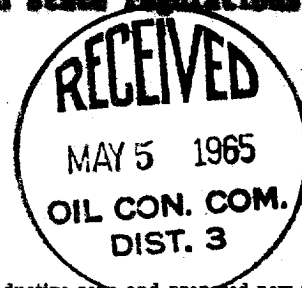
22. APPROX. DATE WORK WILL START\*

23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| <b>5"</b>    | <b>None</b>    | <b>-</b>        | <b>-</b>      | <b>-</b>           |
|              |                |                 |               |                    |
|              |                |                 |               |                    |

**This corehole is to be drilled for geologic data only and will not be completed.  
It is requested that all information be held confidential.**

**Drill 5" hole to 700±' (Gallup formation).****Core if shows are encountered.****Run mechanical logs. Plug and abandon according to Federal and State regulations.**

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

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

**SECTION A.**

DATE . . . . .

OPERATOR Harris Drilling Company

LEASE . . . . .

WELL NO. 3 UNIT LETTER . . . . . SECTION 34 TOWNSHIP 17 North RANGE 15 West NMPM

LOCATED 440 FEET FROM South LINE. 2400 FEET FROM West LINE

COUNTY McKinley G. L. ELEVATION . . . . . DEDICATED ACREAGE . . . . . ACRES

NAME OF PRODUCING FORMATION . . . . . POOL . . . . .

1. IS THE OPERATOR THE ONLY OWNER\* IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES . . . . . NO . . . . .

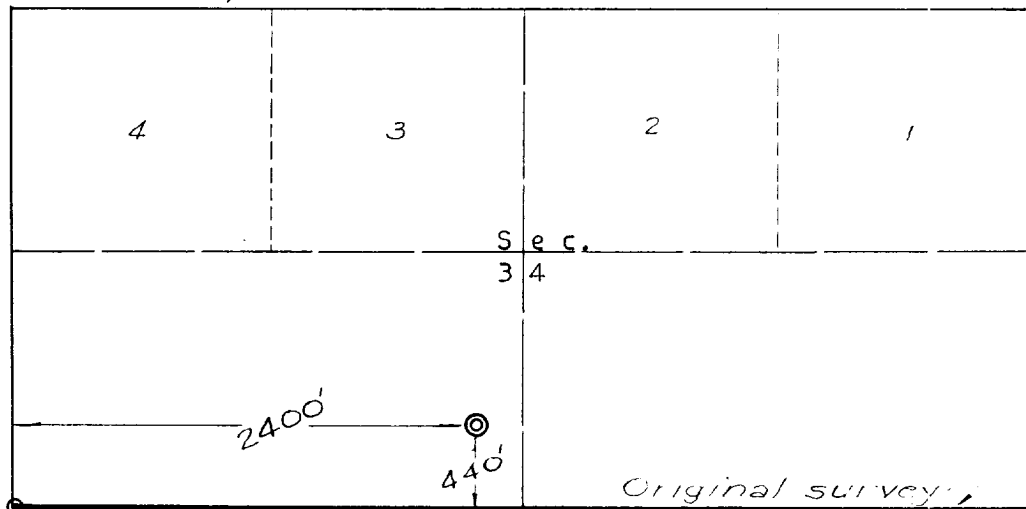
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES . . . . . NO . . . . . IF ANSWER IS "YES," TYPE OF CONSOLIDATION . . . . .

3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:

| OWNER | LAND DESCRIPTION |
|-------|------------------|
|-------|------------------|

**SECTION B.**

*South boundary of Navajo Indian Reservation, resurveyed 1931*



*Original marked stone recovered*

Scale, 1" = 1000'

N



THIS IS TO CERTIFY THAT THE INFORMATION IN SECTION A ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(OPERATOR)

(REPRESENTATIVE)

(ADDRESS)

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THE PLAT IN SECTION B 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.

DATE SURVEYED April 23, 1965

**FOUR STATES  
ENGINEERING CO.**

FARMINGTON, NEW MEXICO

*Emmet J. Oehlert*  
REGISTERED ENGINEER OR  
LAND SURVEYOR

CERTIFICATE NO. 3602