

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL Re-enter DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Thomas A. Dugan

3. ADDRESS OF OPERATOR
Box 234, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface *540' FNL 810' FEL.*
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
2 miles north + 1/2 mile west of Shiprock

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	<i>540'</i>	16. NO. OF ACRES IN LEASE	<i>640</i>
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	<i>None</i>	19. PROPOSED DEPTH	<i>1400</i>

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4960 Gr.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH

Propose to reenter Cactus Drilg. Corp cleanout to 1400' with cable tools, test 8 5/8" Csg., perforate and test formation

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-2492

6. IF INDIAN ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Shiprock

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 14 T30N R12W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

20. ROTARY OR CABLE TOOLS
Cable Tools

22. APPROX. DATE WORK WILL START*
6-6-66

INSTRUCTIONS

RECEIVED

GEOLOGICAL SURVEY

PERMITS

6-7-66

Item 55: (continued)

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 *Thomas A. Dugan* TITLE *Engineer* DATE *6-7-66*

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side