

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 ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR X

3. ADDRESS OF Shiprock Corporation

4. LOCATION OF WELL (Also to nearest town, county, and state, with all other requirements.*)
At surface Box 211, Farmington, N.M. 87401
At proposed prod. zone 2615' FSL & 1650' FSL of sec 17 (Unit J)
same 62 - 88' Gallup

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6 miles of Shiprock, N.M.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF WELLS DRILLED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROUGH OR JOINT POOLS

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

22. APPROX. DATE WORK WILL START*

23. 5298' OL PROPOSED CASING AND CEMENTING PROGRAM at once

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u>5-5/8"</u>	<u>4-1/2" OD</u>	<u>9.54</u>	<u>100'</u>	<u>3 sx circulated</u>

Drill 5-5/8" hole w/ air to approx. 100'. Set 4-1/2" OD Casing to TD & cement w/ 3 sx regular circulated to surface. Perforate production zone and oil frac w/ 70 bls. Lease Crude w/ 2 lbs. sand per gal.



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U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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 L. H. Stanger TITLE Prod. Supt. DATE 2-18-69

(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.

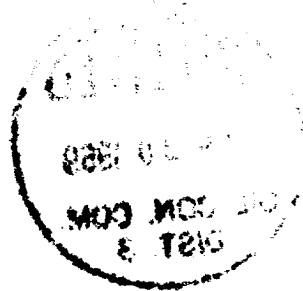
Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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.

Shiprock Corporation

Date March 7, 1961

Operator Royal Development Co Lease Shiprock Royal
Well No. 17-J-1 Unit Letter J Section 17 Township Navajo Range 10W NMPM
Located 1650 Feet From East Line, 2310 Feet From South Line
County San Juan G. L. Elevation 5198.42 Dedicated Acreage 40.41 Acres
Name of Producing Formation Mancos Pool Undesignated

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

Note: Subject well Shiprock Royal 17-J well number 13 is located per plat below in "red" and is 305' North of the old J-1 and has a G.L. Elevation of 5208'. It is located in accordance and in compliance with OGC Regulation Order No. 3284, and is a joint well in 40 acre unit J.

Shiprock Corporation 2 18 69

By [Signature]

Prod Supt

Royal Development Co.
(Operator)

(Representative)

Box 1299 Albuquerque, N.M.
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 March 7, 1961

R. J. Stanton
Registered Professional
Engineer and/or Land Surveyor.

Certificate No. 1457

(See instructions for completing this form on the reverse side)



17-J-1, 3/