

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

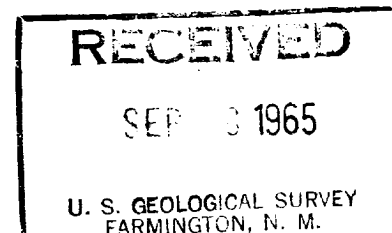
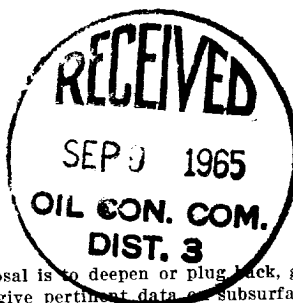
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>I-149-IND-7653</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>
2. NAME OF OPERATOR <b>John F. Mitchell, Howard L. Kennedy, John E. Schalk</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>Box 234, Farmington, N. M.</b>		8. FARM OR LEASE NAME <b>Chimney Rock</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>660' fsl 560' fwl, Sec. 3, T30N, R17W, NMPM</b> At proposed prod. zone <b>Same as above.</b>		9. WELL NO. <b>3</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>5 miles N.E. Shiprock, New Mexico</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) <b>560'</b>	16. NO. OF ACRES IN LEASE <b>4160</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 3, T30N, R17W, NMPM</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>100' West</b>	19. PROPOSED DEPTH <b>550'</b>	12. COUNTY OR PARISH <b>San Juan</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5110 GR</b>		13. STATE <b>N. M.</b>
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		22. APPROX. DATE WORK WILL START* <b>9-8-65</b>

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7 5/8"	29#	30'	5 bx
6 1/4"	4 1/2"	22 2.5#	550'	25 bx

Propose to drill an 8 3/4" hole to approx. 30', run 1 ft. 7 5/8" casg. cemented to surface. A 6 1/4" hole will then be drilled to approx. 550' to test the Gallup formation. In the event commercial production is indicated, 4 1/2" casing will be run and cemented w/sufficient cement to protect the Gallup fm.



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. Original signed by T. A. Dugan  
SIGNED \_\_\_\_\_ TITLE **Agent** DATE **8-7-65**

(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 9-6-65

Operator Mitchell - Kennedy & Schalk Lease Chimney Rock  
Well No. 3 Unit Letter H Section 3 Township 20 N Range 17 W NMPM  
Located 660' Feet From South Line, 560 Feet From West Line  
County San Juan G. L. Elevation 5110 Dedicated Acreage 40 Acres  
Name of Producing Formation Gallego Pool Wildcat

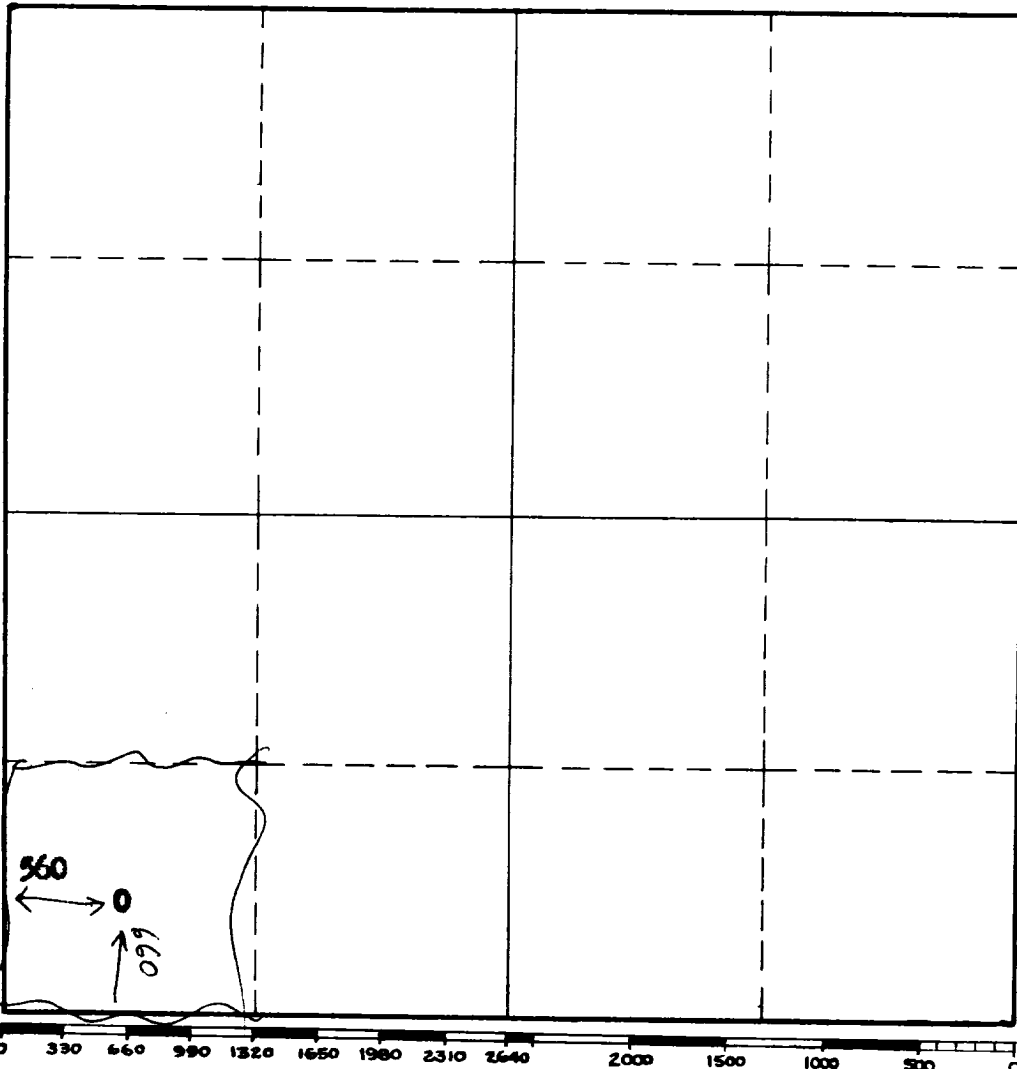
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?  
Yes X No       .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes        No       . If answer is "yes," Type of Consolidation
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description



Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Mitchell, Kennedy & Schalk  
(Operator)

Thomas A. Dugan  
(Representative)

Box 234, Farmington, 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 9-6-65

Original signed by T. A. Dugan  
Registered Professional  
Engineer and/or Land Surveyor.

Certificate No. New Mexico 2373

INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

\* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)