

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  
 John F. Mitchell & Howard L. Kennedy (Mitchell & Kennedy)

3. ADDRESS OF OPERATOR  
 P. O. Box 3348 - Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1980' FNL x 1980' FWL Sec. 7-30N-16W, NMPM  
 At proposed prod. zone  
 same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 6 miles NE of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1980'

16. NO. OF ACRES IN LEASE  
 480

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 none

19. PROPOSED DEPTH  
 1150' (Gallup)

20. ROTARY OR CABLE TOOLS  
 Rotary

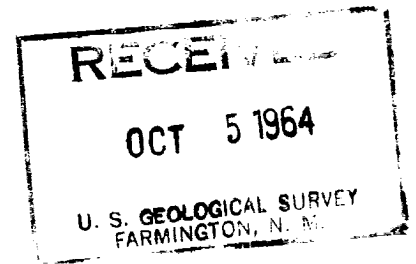
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5305' G.L.

22. APPROX. DATE WORK WILL START\*  
 October 15, 1964

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

It is intended to drill a 1150' Gallup test in the following manner: Drill 8-3/4" hole to 30' and cement 7" casing to surface. Drill 6-1/8" hole to 1150' with air. If commercial production is encountered, cement 4-1/2" casing and sand-oil frac. Put well on production.



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 John F. Mitchell TITLE Operator DATE October 2, 1964  
John F. Mitchell  
 (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.

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OIL CONSERVATION COMMISSION**

SECTION A:

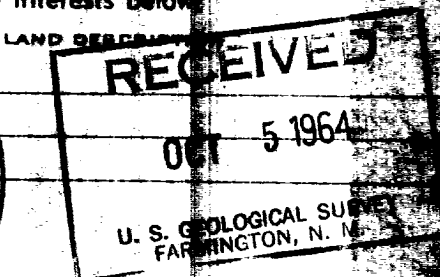
Date October 2, 1964

Operator MITCHELL & KENNEDY Lease HAWK ATLAS  
Well No. 1 Unit Letter F Section 7 Township 20 NORTH Range 16 WEST  
Leased 1980 Feet From North Line, 1980 Feet From West  
County SAN JUAN Elevation 5305 Dedicated Acreage 40  
Name of Producing Formation Gallop Pool Wildcat

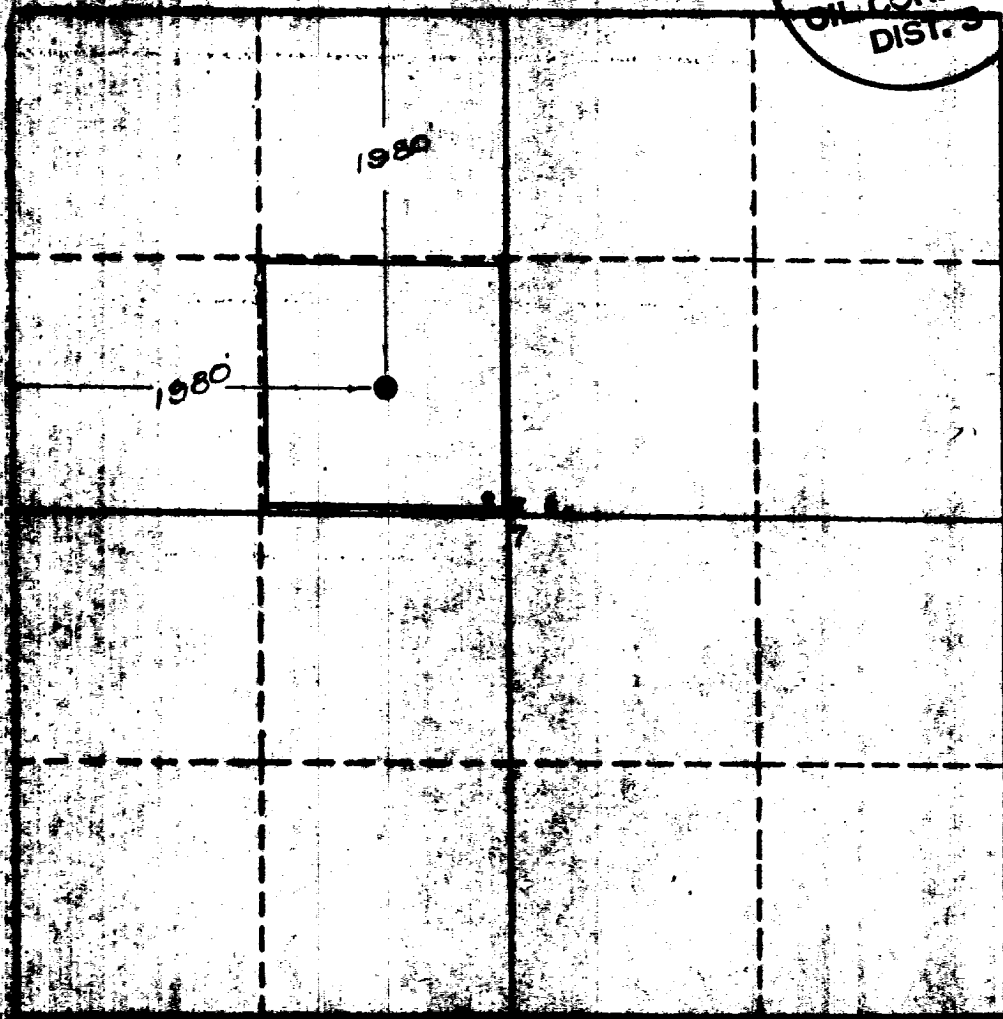
1. Is the Operator the only owner of the dedicated acreage outlined on the plat below? Yes  No
2. If the answer to question One is "No," have the interests of all the owners been consolidated by community agreement or otherwise? Yes  No  If answer is "Yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



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.

John F. Mitchell and Howard L. Kennedy  
(OPERATOR)

John F. Mitchell  
(REPRESENTATIVE)

P. O. Box 3348  
Durango, Colorado



Date Surveyed SEPT. 20

Four State Engineering Co.  
FARMINGTON, NEW MEXICO

Carl H. Coakley  
REGISTERED ENGINEER & LAND SURVEYOR

Certificate No. 348

