

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

3. ADDRESS OF OPERATOR
Floyd J. Ray

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
4112 Packland Dr. Farmington, New Mexico

1980 WL & 1980 SL Section 22-28N-15W
At proposed prod. zone

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

10 miles south of Kirtland

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

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

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

5605 GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	32#	150'	100 sacks
7 7/8	4 1/2	9.5#	4800	150 sacks

Drill 12 1/4" hole to 150". Cement 8 5/8 @ 150' with 100 sacks.
WCC 18 hrs. Drill 7 7/8 hole to 4800'. Run electric log.
Cement 4 1/2" casing @ 4800' with 150 sacks. Perforate and
fracture treat Gallup sand.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-6364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cole

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 22-T28N-R15W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80 Acres

16. NO. OF ACRES IN LEASE

160 Acres

19. PROPOSED DEPTH

4800'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

4-28-65

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 Floyd J. Ray TITLE _____ DATE 4-26-65

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY GM 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

4-26-65

Section A.

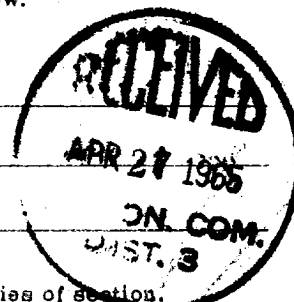
Date _____

Operator Floyd J. Ray Lease Cole
~~RAYCO DRILLING COMPANY~~
 Well No. 1 Unit Letter K Section 22 Township 28 NORTH Range 15 WEST NMPM
 Located 1980 Feet From the SOUTH Line, 1980 Feet From the WEST Line
 County SAN JUAN G. L. Elevation 5605 Dedicated Acreage 80 Acres
 Name of Producing Formation Gallup 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

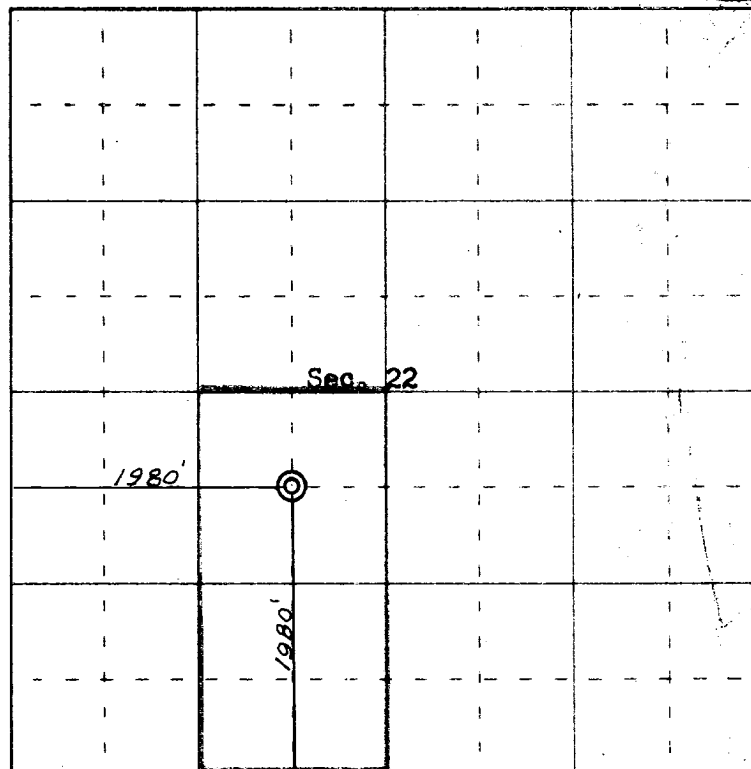


Section B.

Note: All distances must be from outer boundaries of section.

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

Floyd J. Ray
 (Operator)
Floyd J. Ray
 (Representative)
414 Petroleum Plaza Bldg
 (Address)
Farmington N. Mex



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile



(Seal)

Farmington, New Mexico

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed April 16, 1965

James P. Leese
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company