

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

Continental Oil Company

3. ADDRESS OF OPERATOR

200 North Wolcott, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

2140' FSL, 1980' FEL

At proposed prod. zone

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

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

2560

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.

19. PROPOSED DEPTH

7950

20. ROTARY OR CABLE TOOLS

Rotary

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

7010' GR

22. APPROX. DATE WORK WILL START*

5-2-69

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	24	200	100 sacks
7-7/8	5-1/2	14, 15.5 & 17	7950	680 sacks

We propose to drill this well to an estimated depth of 7950' to further develop the Gallup and Dakota reservoirs. If commercial production is encountered the well will be completed as follows: Set production casing as proposed above. Perforate and stimulate as indicated by logs. (A packer will be set approximately 150' above the Dakota to prevent communication between the two zones.) State approved producing equipment for downhole commingling in the tubing will be utilized to produce the two zones.

USGS-Durango(6) File

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: J. A. UDDEN TITLE Administrative Section Chief DATE 4/21/69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

5. LEASE DESIGNATION AND SERIAL NO.

65

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 22

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Gallup, Dakota

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

Section 21, T25N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator CONTINENTAL OIL COMPANY		Lease JICARILLA 22		Well No. 2
Unit Letter J	Section 21	Township 25 NORTH	Range 4 WEST	County RIO ARriba
Actual Footage Location of Well: 2140 feet from the SOUTH line and 1980 feet from the EAST line				
Ground Level Elev. 7010.0	Producing Formation GALLUP-DAKOTA (DUAL)	Pool UNDESIGNATED GALLUP UNDESIGNATED DAKOTA	Dedicated Average G-40; D-40 A res	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (whether a working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force pooling, etc?
☐ Yes ☐ No If answer is "yes," type of consolidation: _____

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary) _____

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

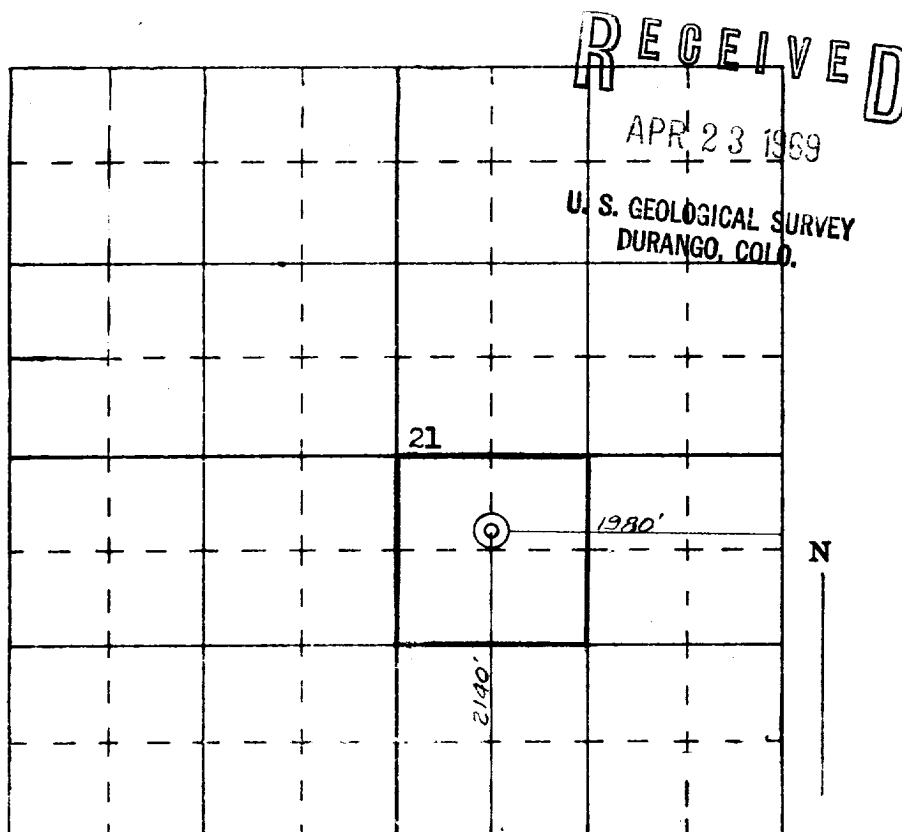
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Original Signed By: **J. A. UDSEN**
 Position: **Administrative Section Chief**
 Company: **Continental Oil Company**
 Date: **4/21/69**

I hereby certify that the well location shown on this plat 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.

24 January 1969
 Date Surveyed: _____
James P. Lease
 Registered Professional Engineer
 and/or Land Surveyor

N.Mex. Reg. # 1463
 Certificate No. _____



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.