

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-20418

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 65		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 152 North Durbin, Casper, Wyo. 82601		8. FARM OR LEASE NAME Jicarilla 22		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* AT SURFACE 1 1/2 MI SW 700' FWL, 1870' FSL (Unit Letter "L") At proposed prod. zone Same		9. WELL NO. 5		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT W. Lindrith-Undesignated Gallup and Dakota		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE (Also to nearest drg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T25N, R4W		
16. NO. OF ACRES IN LEASE 2560		12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED OR APPLIED FOR, ON THIS LEASE		20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DE, RT, GR, COM. DIST. 3) 7001.0 GR		22. APPROX. DATE WORK WILL START* 9-30-71		
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'	to surface
7 7/8"	4 1/2"	11.6# & 10.5#	7820'	885 sacks

We propose to drill this well to an estimated TD of 7820' to further develop the Gallup and Dakota reservoirs. If commercial production is encountered the well will be completed as follows:

Set and cement production casing to TD. Perforate and stimulate as indicated by logs. (A retainer bridge plug 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. No coring or DST's are planned.

The drilling rig will be equipped with blowout preventer.

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.

SIGNED J. A. Ubben TITLE Administrative Supervisor DATE 9-8-71  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY Eq TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

# NEW MEXICO OIL CONSERVATION COMMISSION

## WELL LOCATION AND ACERAGE DEDICATION PLAT

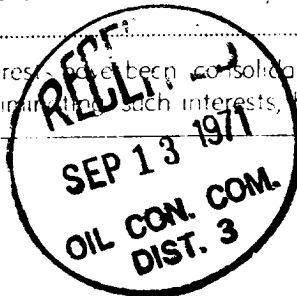
All distances must be from the outer boundaries of the Section

Operator **CONTINENTAL OIL COMPANY** Well No. **5**  
 Unit 1st Sec. **L** Section **22** Township **25 NORTH** Range **4 WEST** County **RIO ARriba**  
 Actual Surface Location of Well **1870** feet from the **SOUTH** **790** feet from the **WEST** line  
 Ground Elevation **7001.0** Dedicated Acreage **40** Acres  
**Under Gell-Dak**

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, forced pooling, etc?  
 ( ) Yes ( ) No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "No," list the owners and trust 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-stake unit, eliminating such interests, has been approved by the Commission.



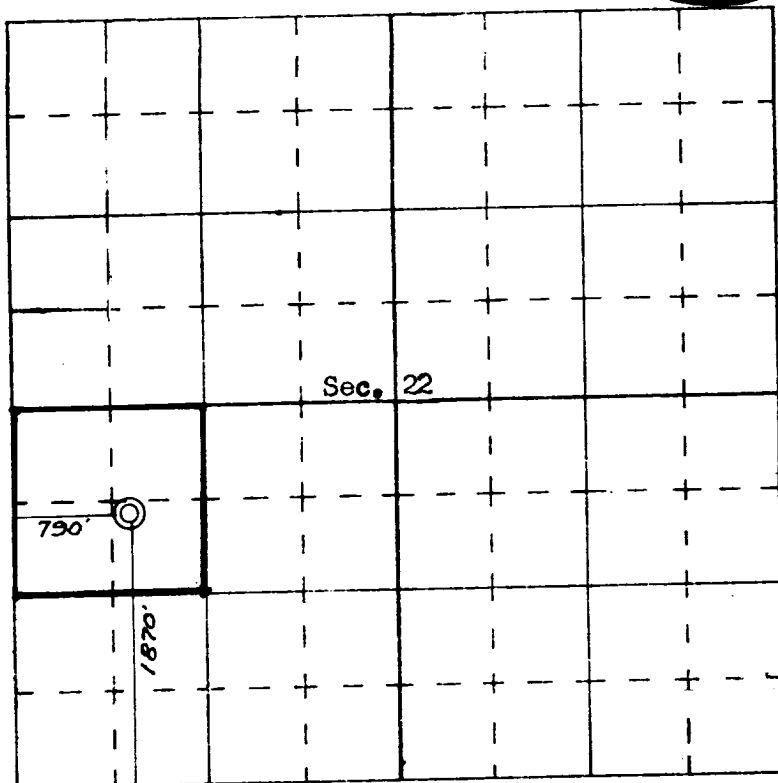
### CERTIFICATION

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

Name \_\_\_\_\_  
 Position \_\_\_\_\_  
 Company \_\_\_\_\_  
 Date \_\_\_\_\_

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.

Date Surveyed **26 August 1971**  
 Registered Professional Engineer and/or Land Surveyor  
**JAMES P. MEER**  
 Certificate No. **1467**



SCALE—4 INCHES EQUALS 1 MILE