

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21254

## 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. 156	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla	
2. NAME OF OPERATOR LYNCO OIL CORPORATION		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 7890 E. Prentice Ave. Englewood, Colorado 80110		8. FARM OR LEASE NAME Jicarilla	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 920 FNL and 1460' FWL At proposed prod. zone Same		9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 1/2 miles South of Lindrith		10. FIELD AND POOL, OR WILDCAT Wildcat Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 920'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T23N, R2W	
16. NO. OF ACRES IN LEASE 2560		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1100'		19. PROPOSED DEPTH 6700'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* July 15, 1976	

## 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"	20.00	200	150 sxs - circulate
7 7/8"	5 1/2"	15.50	6400	250 sxs

The surface formation at this location is the San Jose of Tertiary Age. We propose to mud drill a 7 7/8" hole to 6400' (top of Gallup) where 5 1/2" casing will be run and cemented with 250 sacks. Adequate mud will be maintained at all times during the above operations to control anticipated formation pressures. A 4 3/4" hole will then be gas drilled through the Gallup to 6700'. Induction and Density logs will be run over the open hole sections prior to running casing. A slotted liner will be set from 6300' to 6700' but not cemented. The Gallup formation from 6400' to 6700' will be sand-water fracture treated through the slotted liner and evaluated by production testing. The well will be completed if warranted. A blowout preventer rated at 3000 psi working pressure and 5000 psi test pressure will be used during the drilling of this well. The mud equipment will be of sufficient working pressure values to control known pressure in the area.

NOTE: At this date, the gas of the Gallup is not dedicated to any pipeline.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depth of the well. If blowout preventer program, if any.

24. SIGNED E. L. FUNDINGSLAND, JR. TITLE Vice President DATE June 22, 1976

(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 for drilling 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.