

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. 30-039-20414 147		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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, Wyoming 82601		8. FARM OR LEASE NAME AXI Apache "J"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NW NW, 990' FNL, 990' FWL (Unit Letter "D") At proposed prod. zone		9. WELL NO. 19		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Otero Chacra		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T25N, R5W		
16. NO. OF ACRES IN LEASE 2560		12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160 158.80		13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3695'		20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6584' GR		22. APPROX. DATE WORK WILL START* 9-20-71		
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"	24.0#	200'	100 sacks (to surface)
7 7/8"	4 1/2"	11.6#	3695'	160 sacks (to 200' above P.C.)

We propose to drill this well to develop the Chacra reserves. No cores or DST's are planned. All appropriate logs will be run. The rig will be equipped with a blowout preventer.



USGS(6) File(2)

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 Elmer L. Phillips TITLE Administrative Supervisor DATE 8-23-71

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Geo 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

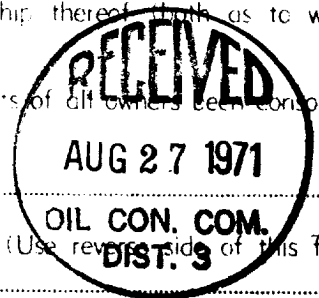
Operator CONTINENTAL OIL COMPANY				Lease JICARILLA		"J"		Well No 19	
Unit Letter D	Section 6	Township 25 NORTH	Range 5 WEST	County RIO ARriba					
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 990 feet from the NORTH line and 990 feet from the WEST line </div>									
Ground Level Elev. 6584.0		Forming Formation Chacra		Under Mesa Verde Otero-Chacra			Dedicated Average 158.80		Acres 160

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 (such as to 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 communitization, 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 communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



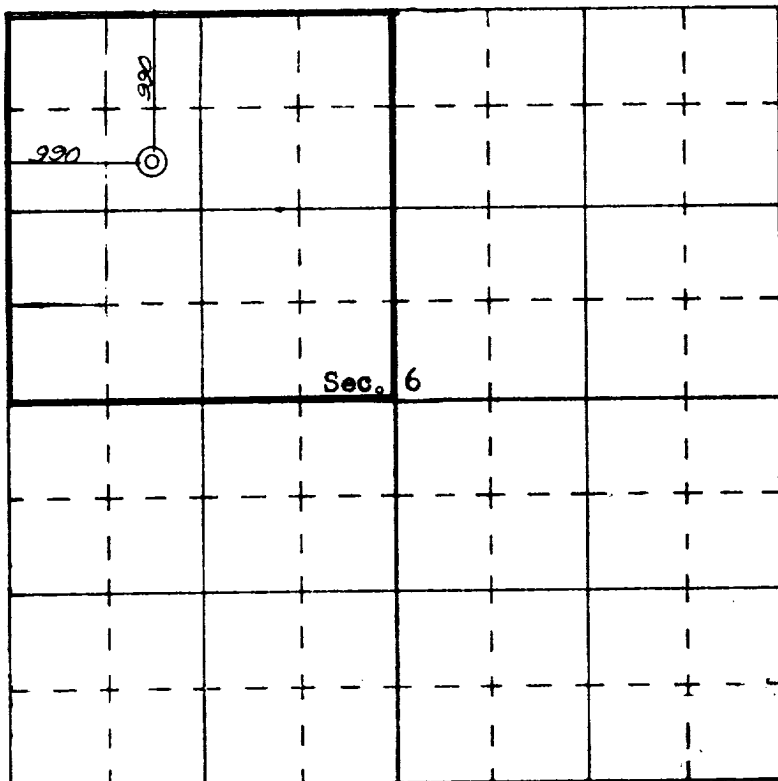
CERTIFICATION

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

Name _____
 Position *Elmer L. Phillips*
Adm. Administrative Supervisor
 Company **CONTINENTAL OIL COMPANY**
 Date **August 23, 1971**

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 Survey **18 AUGUST 1971**
 Registered Professional Engineer and/or Land Surveyor
James P. Leese
JAMES P. LEESE
1/68
 Certificate No. _____



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.