

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30 039-20348

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
Jerome P. McHugh

3. ADDRESS OF OPERATOR
Box 234, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 At proposed prod. zone **790' fm 1450' fm**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles N. W. Lindrith, N. M.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **790'**

16. NO. OF ACRES IN LEASE **160**

17. NO. OF ACRES ASSIGNED TO THIS WELL **160**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **1800'**

19. PROPOSED DEPTH **4000'**

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7231' Gr.

22. APPROX. DATE WORK WILL START*
12/8/70

5. LEASE DESIGNATION AND SERIAL NO.
Cont. #116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tiger

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Tapacito PC

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21, T26N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N. M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/8"	9 5/8"	32.30#	125'	125 sx.
7 7/8"	4 1/2"	9.5#	4000'	300 sx.

Drill well with mud to test the Pictured Cliffs formation.

If productive, set 4 1/2" csg., selectively perforate, fracture, cleanout, run 1 1/4" tubing and complete well.



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.

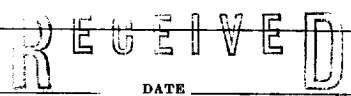
24. SIGNED Original signed by J. A. Dugan TITLE Engineer DATE 12/7/70

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ed TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



DEC 8 1970

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

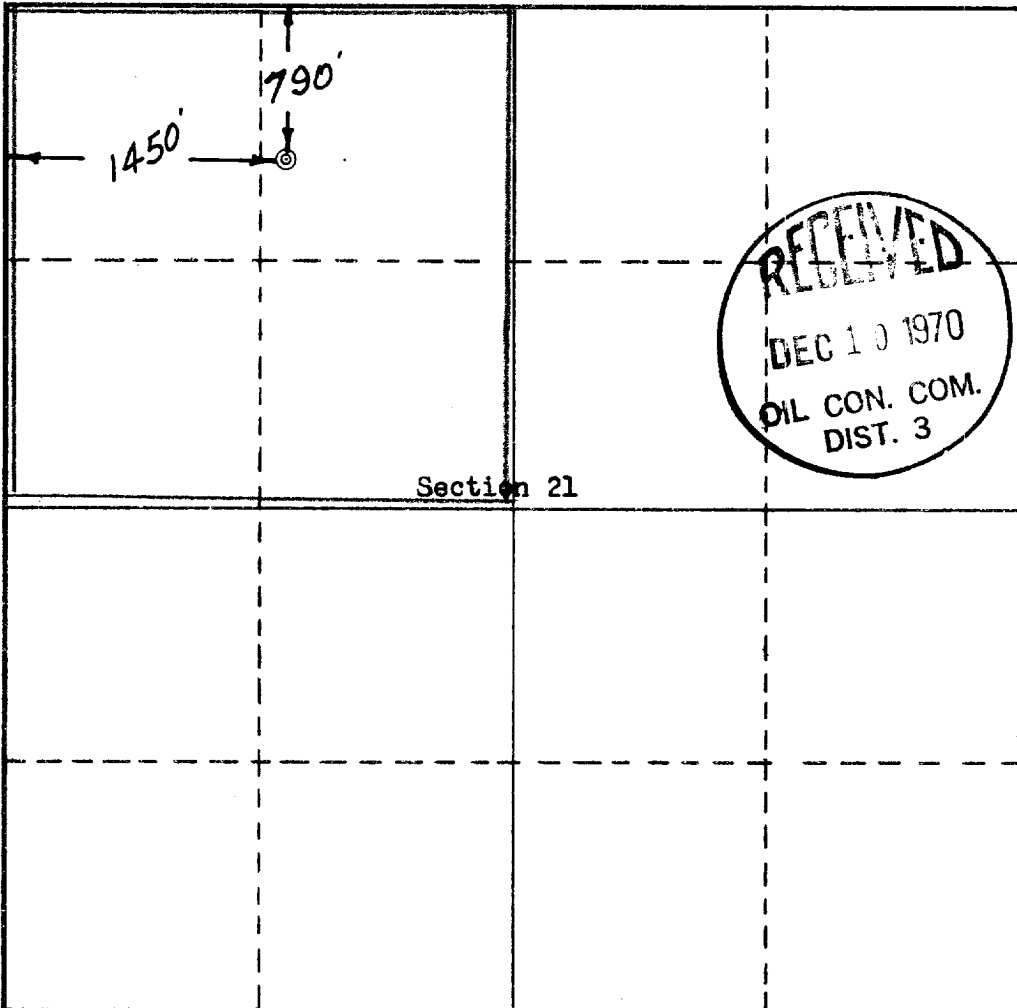
Operator Jerome P. Mc Hugh		Lease Tiger		Well No. 1
Unit Letter C	Section 21	Township 26 North	Range 3 West	County Rio Arriba
Actual Footage Location of Well: 790 feet from the North line and 1450 feet from the West line				
Ground Level Elev. 7231	Producing Formation Pictured Cliffs	Pool Tapicito	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both 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 been 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.

Original signed by **T. A. Dugan**

Name	Thomas A. Dugan
Position	Engineer
Company	Jerome P. McHugh
Date	12-7-70

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	December 3, 1970
Registered Professional Engineer and Land Surveyor	<i>[Signature]</i>
Certificate No.	3084

Well file

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501



December 7, 1970

**El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87410**

Attention: Mr. F. H. Wood

Administrative Order NSL-475

Gentlemen:

Reference is made to your application for approval of an unorthodox well location for your Lackey Well No. 4 to be located 2134 feet from the North line and 1190 feet from the East line of Section 19, Township 29 North, Range 9 West, NMPM, Blanco-Pictured Cliffs Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Commission Rules and Regulations, the above-described unorthodox well location is hereby approved.

Very truly yours,

**A. L. PORTER, Jr.
Secretary-Director**

ALP/GMH/esr

**cc: Oil Conservation Commission - Astec
Oil & Gas Engineering Committee - Hobbs
United States Geological Survey - Farmington**

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OIL CONSERVATION COMMISSION

P. O. Box 2088

SANTA FE, NEW MEXICO 87501



December 1, 1970

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87401

Attention: Mr. E. L. Cook

Administrative Order 892-473

Gentlemen:

Reference is made to your application for approval of an exploration well location for your Lacey well No. 4 to be located 2 1/2 miles east and north line and 1 1/2 miles from the East line of Section 12 Township 23 North Range 9 West, Wagon Wheel-Elmwood Oilfield, San Juan County, New Mexico.

The application is under the provisions of Article 104 F of the Conservation Rules and Regulations, the above described well location has been approved.

Very truly yours,

W. L. BOKER, Jr.
Secretary-Treasurer

ALB/BNH/ser

cc: Oil Conservation Commission - Bureau
Oil & Gas Engineering Committee - Bureau
United States Geological Survey - Bureau