

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-22628

5. LEASE DESIGNATION AND SERIAL NO.

NM-16476

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bengal C

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

NIPP - PC Extension

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

Sec 36, T27N, R13W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

## 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, NM 87401

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

At surface

790' FSL - 2000' FEL ✓

At proposed prod. zone

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

18 miles south of Farmington, New Mexico

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

640

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.Approx  
1-1/2 miles

19. PROPOSED DEPTH

1350'

20. ROTARY OR CABLE TOOLS

Rotary

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

5957' GR

22. APPROX. DATE WORK WILL START\*

7-15-77

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6-1/4"	5-1/2"	14#	30'	5 SX
4-3/4"	2-7/8"	6.4#	1350'	75 SX

Plan to drill 4-3/4" hole with minimum mud to 1350' to test Fruitland and Pictured Cliffs formation.

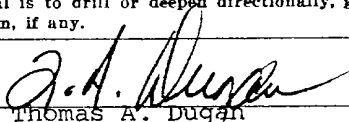
Do not plan to have blowout preventer on well while drilling. Will install master valve and stripper head while completing. ✓

NMERB Requirement: Gas not dedicated at this time.

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



TITLE

Petroleum Engineer

DATE

6-20-77

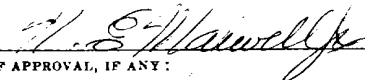
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

RECEIVED

APPROVED BY



TITLE

JUN 29 1977

CONDITIONS OF APPROVAL, IF ANY:

U. S. GEOLOGICAL SURVEY

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.

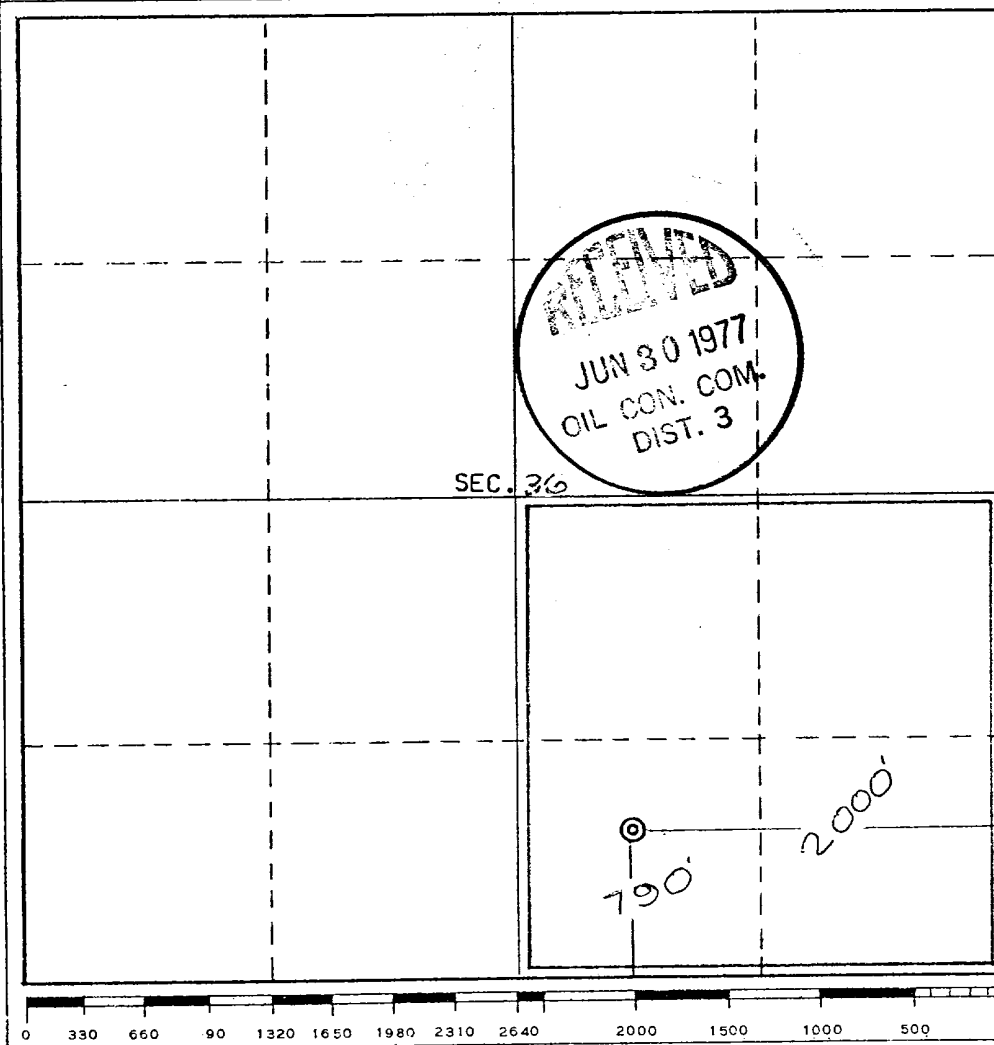
Operator <b>Jerome P. McHugh</b>		Lease <b>Bengal</b>		Well No. <b>C #5</b>
Unit Letter <b>0</b>	Section <b>36</b>	Township <b>27 North</b>	Range <b>13 West</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>790.</b> feet from the <b>South</b> line and <b>2000</b> feet from the <b>East</b> line				
Ground Level Elev. <b>5957</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>NIPP-PC Extension</b>	Dedicated Acreage: <b>160</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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.) \_\_\_\_\_

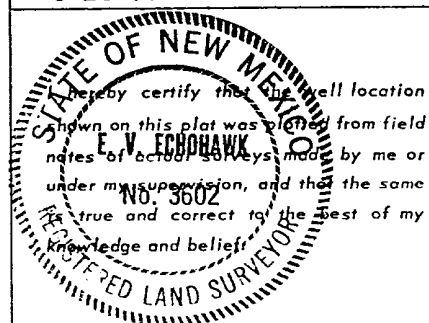
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name **Thomas A. Dugan**  
Position **Petroleum Engineer**  
Company **Jerome P. McHugh**  
Date **6-20-77**



Date Surveyed **June 11, 1977**  
Registered Professional Engineer and/or Land Surveyor  
**E. V. Echohawk**  
Certificate No. **3602**  
**E.V. Echohawk LS**



OIL CONSERVATION COMMISSION  
Antelope DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE June 28, 1977

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL ✓ \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

*Jim Kapteina*

Gentlemen:

I have examined the application dated June 24, 1977  
for the Jerome P. McHugh Bengal # 5 0-36-27N-13W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*AR Kendrick*

|||  
= dp =  
|||

# dugan production corp.

June 24, 1977

Joe D. Ramey  
Secretary-Director  
New Mexico Oil Conservation Commission  
Box 2088  
Santa Fe, NM 87501

Re: Jerome P. McHugh  
Application for Administrative  
Approval of Unorthodox Location  
Bengal C #5 Well  
San Juan County, New Mexico

Dear Mr. Ramey:

Enclosed are the following items regarding the application for administrative approval of unorthodox location for the Bengal C #5 Well which will be located in Section 36, Township 27 North, Range 13 West, NMPM, San Juan County, New Mexico.

1. Three copies of the Application for Administrative Approval of Unorthodox Location for the Bengal C #5 Well.
2. Three copies of a plat showing the ownership of all leases offsetting the SE/4 of Section 36, Township 27 North, Range 13 West, NMPM. This plat also shows all the wells completed on these leases.
3. Three copies of a plat acquired from the offices of the Navajo Indian Irrigation Project in Farmington, New Mexico showing the location of the well in relation to the farm areas of this project.
4. Three copies of a Certificate of Mailing for the Application stating that all operators of leases offsetting the dedicated acreage for this well, the Supervisor of District III of the New Mexico Oil Conservation Commission, and the Acting Project Manager of the Navajo Indian Irrigation Project have been notified of the Application by certified mail.

If you need further information or material, please advise.

Sincerely,

**ORIGINAL SIGNED BY  
RICHARD TULLY**

Richard Tully  
Landman

vh

Enclosures



APPLICATION FOR ADMINISTRATIVE APPROVAL

OF UNORTHODOX LOCATION

Applicant: Jerome P. McHugh  
600 South Cherry Street  
Suite 1225  
Denver, CO 80222

Lease: USA NM 16476

Lease Date: September 1, 1972

Lease Term: 5 years

Name of Well: Bengal C #5 Well

Dedicated Acreage: Township 27 North, Range 13 West, NMPM  
Section 36: SE/4  
Containing 160 acres, more or less  
San Juan County, New Mexico

Proposed Unorthodox Location: Township 27 North, Range 13 West, NMPM  
Section 36: 790' FSL - 2000' FEL  
San Juan County, New Mexico

Reason for Unorthodox Location: Topographical conditions based on request by officials of the Navajo Indian Irrigation Project to locate the well in such a manner so as to not interfere with the sprinkler systems of the project.

New Mexico Oil Conservation  
Commission Rule Authorizing  
Application: Rule 104(D) (II) (F)

Offsetting Leases and Operators: A. USA NM 16476  
Township 27 North, Range 13 West, NMPM  
Section 36: N/2  
San Juan County, New Mexico  
  
Dugan Production Corp.  
Box 234  
Farmington, NM 87401

B. USA SF 078391-C  
Township 27 North, Range 13 West, NMPM  
Section 36: SW/4  
San Juan County, New Mexico  
  
Hanlad Oil Corporation  
Box 1515  
Roswell, NM 88201  
Attn: Douglas L. "Lad" McBride, President  
  
El Paso Natural Gas Company  
Box 1492  
El Paso, TX 79978  
Attn: D. N. Confield, Director of Land

C. USA SF 080238-A

Township 26 North, Range 13 West, NMPM

Section 1: N/2

Township 26 North, Range 12 West, NMPM

Section 6: NW/4

Township 27 North, Range 12 West, NMPM

Section 31: W/2

San Juan County, New Mexico

Dugan Production Corp.

Box 234

Farmington, NM 87401

J. Gregory Merrion

Box 1541

Farmington, NM 87401

Robert L. Bayless

Box 1541

Farmington, NM 87401

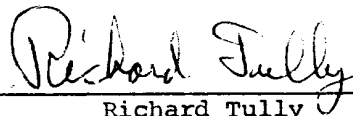
Atom, Inc.

Box 1109

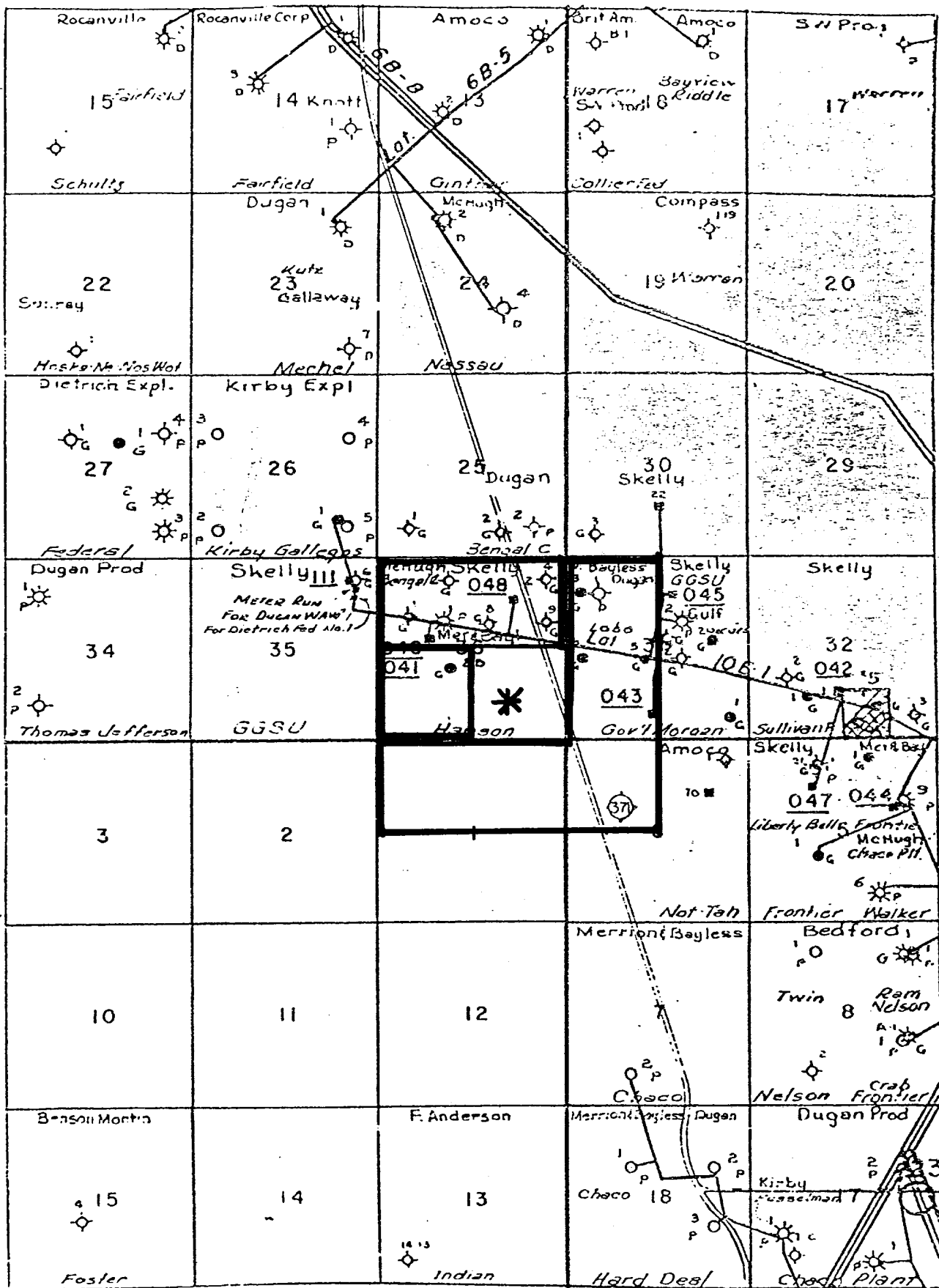
Farmington, NM 87401

CERTIFICATE OF MAILING

I certify that I mailed a copy of this Application by certified mail to all operators of leases offsetting the dedicated acreage of the Bengal C #5 Well, to the Supervisor of District III of the New Mexico Oil Conservation Commission, and to the Acting Project Manager of the Navajo Indian Irrigation Project on this 24<sup>th</sup> day of June, 1977.



Richard Tully



APPLICATION FOR ADMINISTRATIVE  
APPROVAL OF UNORTHODOX LOCATION  
FOR THE BENGAL C #5 WELL

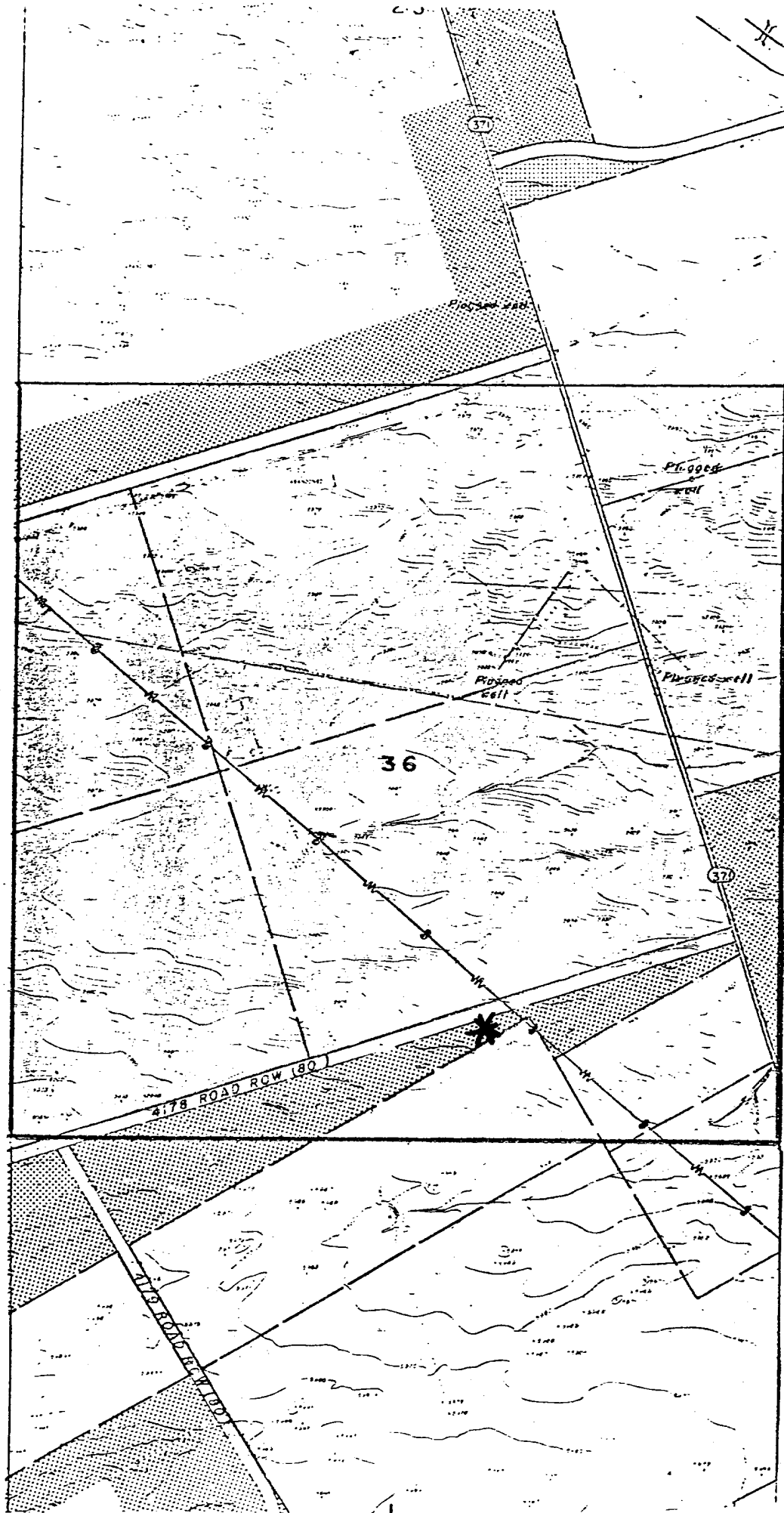
★ PROPOSED LOCATION

Offsetting Leases

— USA NM 16476

— USA SF 078391-C

— USA SF 080238-A



APPLICATION FOR ADMINISTRATIVE  
APPROVAL OF UNORTHODOX LOCATION  
FOR THE BENGAL C #5 WELL

\* PROPOSED LOCATION