



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Drawer 1857  
Roswell, New Mexico 88201

October 6, 1967

RECEIVED

Pan American Petroleum Corporation  
Post Office Box 68  
Hobbs, New Mexico 88240

OCT 11 1967

ARTESIA, OFFICE

Gentlemen:

Your Notice of Intention to Drill well No. 11 Big Eddy Unit in sec. 7, T. 20 S., R. 31 E., N.M.P.M., Eddy County, New Mexico lease New Mexico 0251, to a depth of 11,700 feet to test the Strawn formation in the Potash Area, is hereby approved.

One copy of the Notice is returned herewith. Please notify the District Engineer, Geological Survey, P. O. Drawer U, Artesia, New Mexico 88210 in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

(ORIG. 600) EDDIE R. WYATT

EDDIE R. WYATT  
Acting Oil and Gas Supervisor

Attachment

cc:  
Washington  
Mining Branch (2)  
NMOC-Artesia (2) w/2 cys Notice)  
Artesia  
Roswell (2)

IH:mh 10/6/67

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Copy to J.

30-015-20092

5. LEASE DESIGNATION AND SERIAL NO.  
N M 0215 0251

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

BIG EDDY UNIT Federal

8. FARM OR LEASE NAME

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT  
WILDCAT11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

7-20-31

NMPM

12. COUNTY OR PARISH

EDDY

13. STATE

New Mexico

## 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

Pan American Petroleum Corporation

3. ADDRESS OF OPERATOR

Post Office Box 68, Hobbs, New Mexico 88240

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

At surface

1650' FSL and 660' FEL, Sec. 7 (Unit I, NE/4 SE/4)

At proposed prod. zone

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

16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest well, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL18. DISTANCE FROM PROPOSED LOCATION  
TO NEAREST WELL, IF ANY, CONTAINED,  
OR THIS LEASE, FT.

11,700

20. ROTARY OR C

Rotary

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

22. APPROX. DATE WORK WILL START\*

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	850'	Circulate
13 3/4"	11 3/4"	42-47#	2200'	Circulate
10 3/8"	8 5/8"	24-32#	1250'	Circulate-DV tools will be used to isolate the top 100' of the Capital reef from the main reef water zone. Fill 600' above Strawn.
7 7/8"	5 1/2"	15.5-20#	11700'	

After drilling well logs will be run and evaluations made, perforating and/or  
stimulating as necessary in attempting commercial production.

Well to be drilled in accordance with NMOCC Order R-111A.

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U.S. GEOLOGICAL SURVEY  
ROSEMOUNT, NEW MEXICO

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 Area Superintendent

DATE 10/5/67

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

6- USGS- ART w/4 Copies of WAIVERS  
1- NBLW  
1- SUBP  
1- RRY  
1- PERRY BAS  
1- DUVAL  
1- US BORAX

\*See Instructions On Reverse Side

MEXICO OIL CONSERVATION COMMISS  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

Operator <b>PAN AMERICAN PETROLEUM CORP.</b>			Lease <b>BIG EDDY UNIT <del>FEDERAL</del></b>		Well No. <b>11</b>
Unit Letter <b>I</b>	Section <b>7</b>	Township <b>20 SOUTH</b>	Range <b>31 EAST</b>	County <b>EDDY</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>EAST</b> line					
Ground Level Elev.	Producing Formation <b>STRAWN</b>		Pool <b>under West Lusk Strawn WILDCAT</b>	Dedicated Acreage: <b>160</b> Acres	

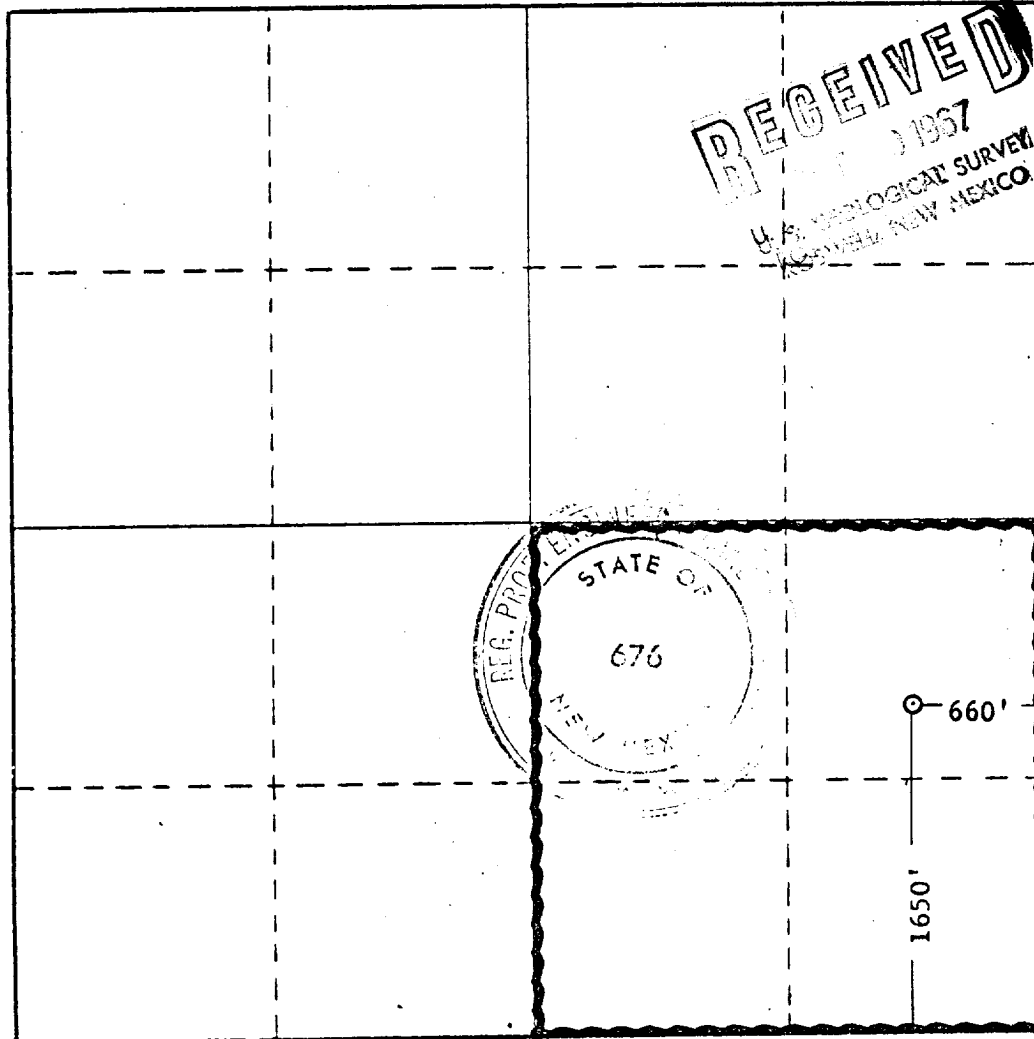
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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☐ 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 \_\_\_\_\_

Position \_\_\_\_\_

Area Superintendent

Company

Pan American Petroleum Corp.

Date

October 6, 1967

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

10-6-1967

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No.

676



CORPORATION

POST OFFICE BOX 511 CARLSBAD NEW MEXICO 88220

October 6, 1967

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OCT 8 1967  
U. S. GEOLOGICAL SURVEY  
ROS WELL, NEW MEXICO

Mr. V. E. Staley  
Pan American Petroleum Corporation  
P. O. Box 68  
Hobbs, New Mexico 88240

Dear Mr. Staley:

With regard to your proposed drilling of the Big Eddy Unit Federal Well No. 11, the Duval Corporation has no objection to its initiation, provided that:

1. The location of the well is no further west than 660 feet from the east line, nor any further north than 1650 feet from the south line, of Section 7, Township 20 South, Range 31 East, N.M.P.M.
2. The well is drilled vertically and the casing and cementing program is as good as or better than the requirements of Order R-111 A of the New Mexico Oil Conservation Commission.
3. The Duval Corporation is contacted and agree to any additional locations that are proposed for drilling in this area.

Very truly yours,

DUVAL CORPORATION

T. H. Pate

Resident Manager - Carlsbad Property

TP:lg

cc: Mr. Dave Rice - P.C.A.  
Mr. J. S. Wright - U. S. Borax  
Mr. J. A. Anderson - U. S. Geological Survey  
Mr. A. L. Porter, Jr. - N.M. Oil Conservation  
Commission  
Mr. R. S. Fulton - U. S. Geological Survey  
Oil Conservation Commission



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Mr. V. E. Staley  
Pan American Petroleum Corporation  
P. O. Box 68  
Hobbs, New Mexico

Dear Sir:

This will acknowledge receipt of your "Notice of Intention to Drill" the Big Eddy Unit Well No. 11, 1650 feet from the South line and 660 feet from the East line of Section 7, T-20-S, R-31-E, NMPM, Eddy County, New Mexico.

As the holder of potash leases within one mile of the proposed well, United States Borax and Chemical Corporation has no objection to your drilling this well, provided that all drilling is done in accordance with the New Mexico Oil Conservation Commission Order R-111-A.

Yours very truly,

A handwritten signature in cursive script, appearing to read "T. E. Jones".

T. E. Jones  
Senior Engineer

TEJ:vg

cc: Mr. Bob Fulton  
U.S.G.S.  
Carlsbad, New Mexico

