

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
P. O. Box 480, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 990 FNL and 1740 FNL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 Miles Southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 990

16. NO. OF ACRES IN LEASE
1060

17. NO. OF ACRES ASSIGNED
TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 400

19. PROPOSED DEPTH
6550

20. ROTARY OR CABLE TOOLS
Rotary

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

22. APPROX. DATE WORK WILL START*
4-20-65

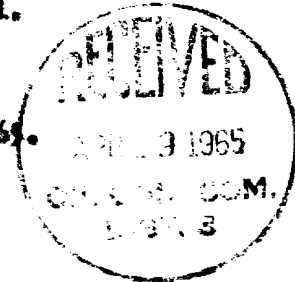
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	350	200 Sacks
7-7/8"	4-1/2"	10.5#	6550	1350 Sacks (2 stage tool set 160 feet below base of Mesa- verde.)

Copies of location plat are attached.

Copies of any logs run will be furnished upon completion of well.

Verbal approval received Dick Krahle to Jack Glover, April 13, 1965.



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. Fred L. Nabors, District Engineer
SIGNED [Signature] TITLE _____ DATE April 13, 1965
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] 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 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.

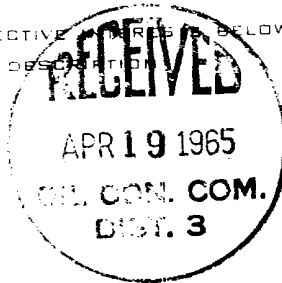
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISS. N
WELL LOCATION AND ACREAGE DEDICATION PLAT

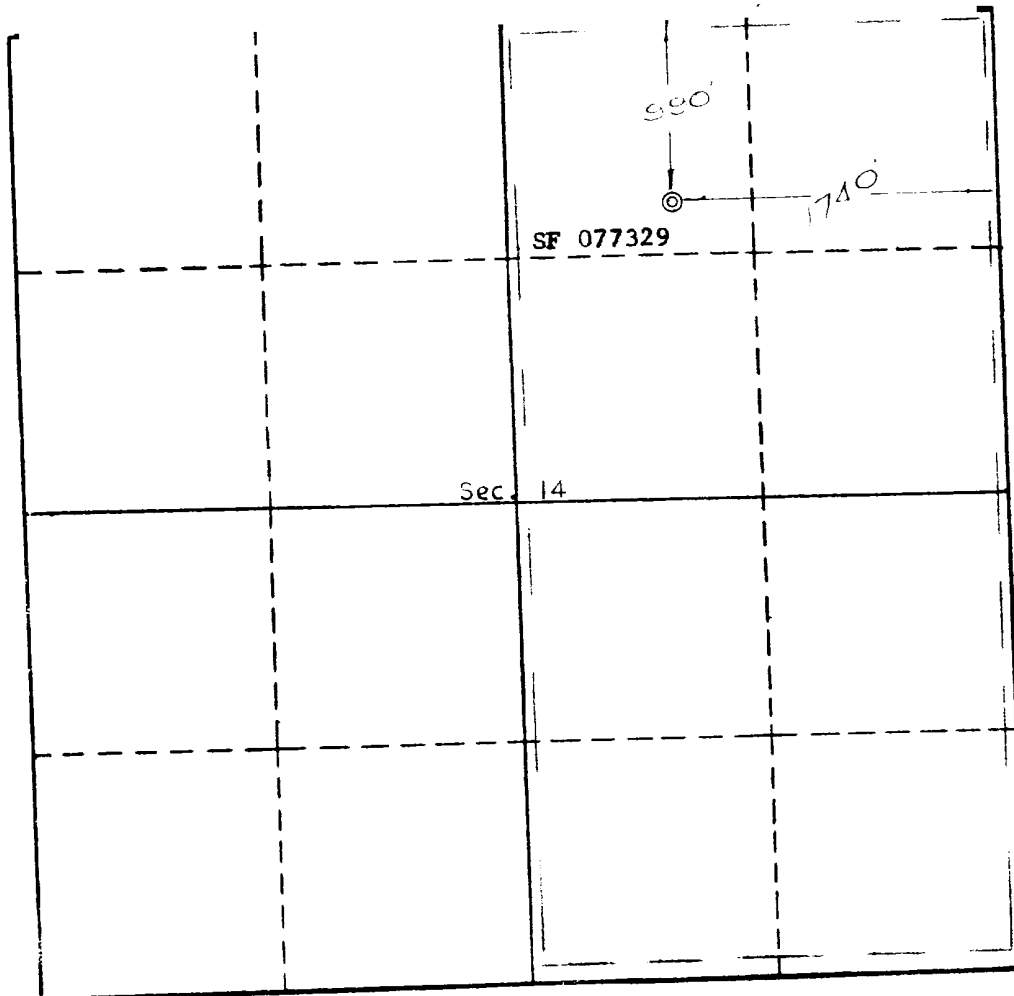
SECTION A
DATE Apr 11 12, 1965
OPERATOR Pan American Petroleum Corporation LEASE Martin Gas Unit "G"
WELL NO. 1 UNIT LETTER B SECTION 14 TOWNSHIP 27 North RANGE 10 West NMPM
LOCATED 990 FEET FROM North LINE. 1740 FEET FROM East LINE
COUNTY San Juan SURVEY ELEVATION Report Later DEDICATED ACREAGE 320 ACRES
NAME OF PRODUCING FORMATION Dakota POOL Basin Dakota

1. IS THE OPERATOR THE ONLY OWNER IN THE DEDICATED ACREAGE SHOWN ON THE PLAT BELOW? YES NO X
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES X NO NO IF ANSWER IS "YES," TYPE OF CONSOLIDATION
Communitization and Operating Agreements circulating for signature---all parties have previously agreed to join in the drilling of the well.

3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:
OWNER LAND DESCRIPTION



SECTION B.



Scale, 1 inch = 1,000 feet

THIS IS TO CERTIFY THAT THE INFORMATION IN SECTION A ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PAN AMERICAN PETROLEUM CORP.

OPERATOR
F. H. Hollingsworth
F. H. Hollingsworth

REPRESENTATIVE
P. O. Box 480
Farmington, New Mexico

ADDRESS

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THE PLAT IN SECTION B 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 Jan. 14, 1965

FOUR STATES
ENGINEERING CO.

FARMINGTON, NEW MEXICO

Charles E. Shaw
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602