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Form 9-331 C  
(May 1963)

DEC 27 1966

SUBMIT IN TRIPLICATE\*

(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.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

BEST IMAGE

## 3. ADDRESS OF OPERATOR

P. O. Box 1400, Riverton, Wyoming

AVAILABLE

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

660' FNL 1981' FNL Sec. 17-T11N-R97W, Moffat County, Colorado

At proposed prod. zone

C (NE NW)

Ft. Union

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

Approx. 85 miles SE Rock Springs, Wyoming

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660' ✓

## 16. NO. OF ACRES IN LEASE

692.37

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.

## 19. PROPOSED DEPTH

7250 ✓

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Unknown - Will Report later

## 22. APPROX. DATE WORK WILL START\*

12-23-66

## 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#	500'	Cement to surface
7-7/8"	5-1/2"	14, 15.5 & 17#	7250'	350 ex 50-50 Pozmix w/retarder

Pan American proposes to drill with rotary tools to approximately 7250' to develop additional Ft. Union Oil and Gas reserves.

Estimate elevation of well site - 6950'

Geological Markers: Ft. Union at 5390' at + 1560 elevation.

Special Surveys: IS Log - surface casing to total depth

GR-Sonic Log with Caliper-Surface casing to total depth.

Well will be drilled to total depth and logged. Casing will be set through potential pay zones. The potential pay zones will be perforated and stimulated as required.

Transportation map and survey plats will be forwarded as soon as received.

Confirming verbal approval J. Duletsky to K.A. Huff 12/22/66.

Confirming verbal approval W. R. Smith to K.A. Huff 12/22/66.

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  
J. E. LANG

TITLE Area Superintendent

DATE 12/22/66

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



00290300

COLO. OIL &amp; GAS COMM

On Reverse Side