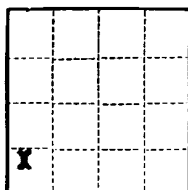


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SF 077382  
Unit Hargrave Gas Unit



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Hargrave Gas Unit

Farmington, New Mexico January 12, 1961

Well No. 1 is located 990 ft. from S line and 790 ft. from E line of sec. 34 1/4 Section 4 T-27-N R-10-W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Basin Dakota San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)



The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. (To be reported later.)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill the above well to an approximate depth of 6600' with rotary tools to evaluate Dakota prospects. Stimulation and completion will be as indicated upon reaching total depth. The following casing program is proposed:

SIZE	DEPTH	CEMENT	REMARKS
8-5/8"	350'		Test - circulate.
4-1/2"	6600'		

Casing will be cemented in 2 stages. First stage 6% gel followed by 100 sacks neat or sufficient to fill 500' above top of Dakota. Second stage 4% gel cement with DV tool set approximately 100' below Pictured Cliffs and sufficient cement to fill 200' - 300' above Pictured Cliffs.

A copy of any survey taken will be submitted upon completion of well. Copies of location plate attached.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pan American Petroleum Corporation

Address Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

By \_\_\_\_\_  
Title Administrative Clerk

## NEW MEXICO OIL CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

Section A.

Date JANUARY 12, 1961

Operator PAN AMERICAN PETROLEUM CORPORATION Lease HARGRAVE GAS UNIT  
 Well No. 1 Unit Letter M Section 4 Township 27 NORTH Range 10 WEST, NMPM  
 Located 990 Feet From the SOUTH Line, 790 Feet From the WEST Line  
 County SAN JUAN G. L. Elevation \* Dedicated Acreage 280.56 Acres  
 Name of Producing Formation DAKOTA Pool BASIN DAKOTA

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
 Yes        No X \*TO BE REPORTED LATER

2. If the answer to question one is "no", have the interests of all the owners been consolidated by communization agreement or otherwise? Yes X No        If answer is "yes", Type of Consolidation Jointly owned acreage with El Paso Natural Gas Co., Three States Natural Gas Co. & Western Natural Gas Co.

3. If the answer to question two is "no", list all the owners and their respective interests below:

OwnerLand Description

Section B.

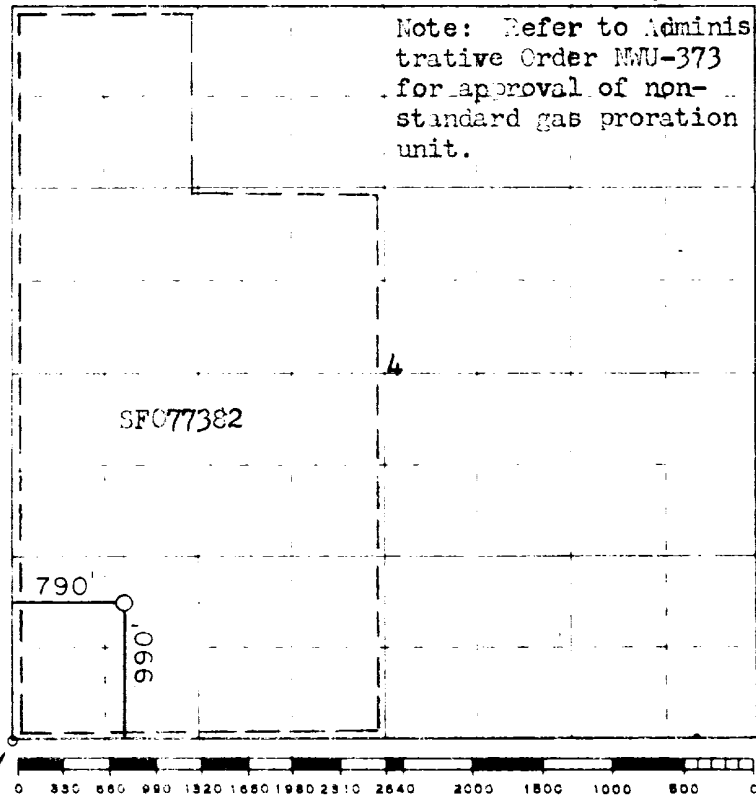
Note: All distances must be from outer boundaries of section.

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 CORPORATION

(Operator)  
H. M. BAUER, JR. *HMB*  
 Representative  
BOX 480, FARMINGTON, NEW MEXICO  
 (Address)

Ref: GLO plat dated 19 July 1915



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed 27 NOVEMBER 1959

Farmington, New Mexico

*James P. Leese*  
 Registered Professional Engineer and/or Land Surveyor  
 JAMES P. LEESE N.MEX. REG. No. 1463