

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Santa Fe  
Lease No. SP-077382  
Unit USA Hargrave "H"

## 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)

USA Hargrave "H"

Farmington, New Mexico July 17, 1959

Well No. 1 is located 790 ft. from [N] line and 1850 ft. from [E] line of sec. 9NE 1/4 of Section 9  
(1/4 Sec. and Sec. No.)T-27N  
(Twp.)R-10W  
(Range)N.M.P.M.  
(Meridian)Angel Peak Dakota  
(Field)San Juan  
(County or Subdivision)New Mexico  
(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 6700' 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
9-5/8"	350'
4-1/2"	6700'

## CEMENT

## REMARKS

Nest - circulate.

Casing will be cemented in 2 stages. First stage 4 1/2 gal followed by 100 sacks nest or sufficient to fill 500' above top of Dakota. Second stage 4 1/2 gal cement with IV 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 plans 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 CorporationAddress Box 487Farmington, New MexicoAttention: L. O. Spear, Jr.ORIGINAL SIGNED BY  
R. M. Bauer, Jr.

By \_\_\_\_\_

Title Area Engineer

GPO 8 620 40

Registered Professional Engineer and/or Land Surveyor  
James P. Leese N. Mex. Reg. No. 1463

## Well Location and Acreage Dedication Plat

Section A.

Date April 16, 1959

Operator PAN AMERICAN PETROLEUM CORPORATION Lease U.S.A. HARGRAVE "H"  
 Well No. 1 Unit Letter B Section 9 Township 27 NORTH Range 10 WEST NMPM  
 Located 790 Feet From NORTH Line 1850 Feet From EAST Line  
 County SAN JUAN G. L. Elevation \* Dedicated Acreage 320 Acres  
 Name of Producing Formation Dakota Pool Angels Peak Dakota

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

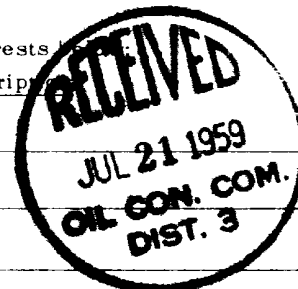
Yes No X \* To be reported later2. If the answer to question one is "no", have the interests of all the owners been consolidated by communization agreement or otherwise? Yes X No       . If answer is "yes", Type of Consolidation.

Joint acreage holdings

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

Owner

Land Description

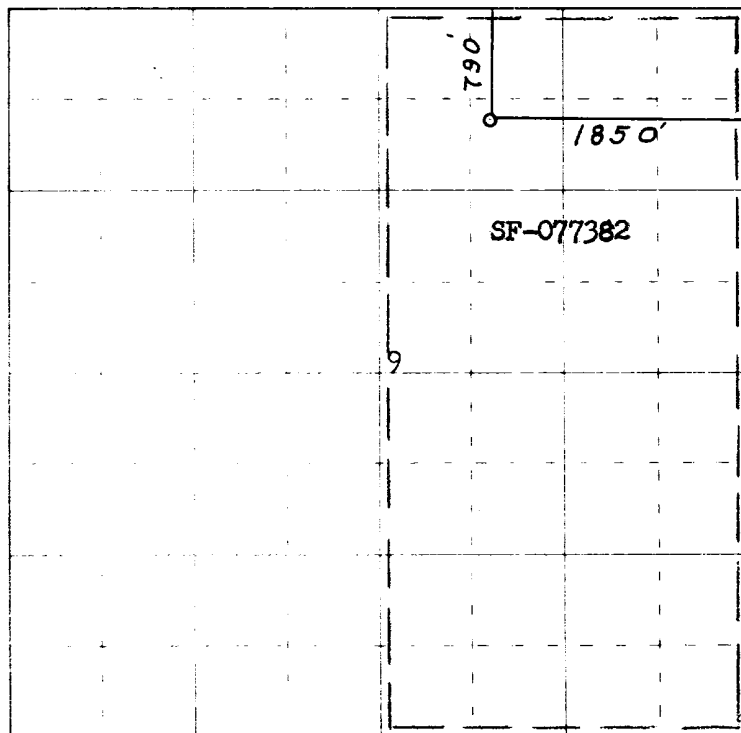


Section B.

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)  
R. M. Bauer, Jr. *RMBauer Jr.*(Representative)  
Box 487, Farmington, New Mexico  
(Address)

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile

REF. GLO PLAT DATED 19 JULY 1915

(Seal)



Farmington, New Mexico

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.

Date Surveyed 15 April 1959

*James P. Leese*  
 Registered Professional Engineer and/or Land Surveyor  
 James P. Leese N. Mex. Reg. No. 1463