

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Alvarilla Tribal

Allottee _____

Lease No. **Alvarilla Contract 148**

X		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	RECEIVED JUN 10 1961 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING 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)

Alvarilla Contract 148

Farmington, New Mexico June 15, 1961

Well No. **13** is located **1000** ft. from **[N]** line and **1770** ft. from **[W]** line of sec. **13**

SE/4 NW/4 of Section 13 T-25-N R-7-W S.E.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Plateau Rio Arriba 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 7650' with rotary tools to evaluate Baseta prospects. Stimulation and completion will be as indicated upon reaching total depth. The following casing program is proposed:

SIZE	DEPTH	CEMENT	REMARKS
8-7/8"	300'	400 sacks	Test circulate
4-1/2"	7650'	875 sacks	Production string will be cemented by 2-stage method with stage tool set about 100' below

base of Chama. First stage will have sufficient cement to fill 300-350' above top of Gallup. Second stage will have sufficient cement to fill 300' above top of Pictured Cliffs. A copy of any survey taken will be submitted upon completion of well. Copies of location plat 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 489**

Farmington, New Mexico

Attn: L. O. Spear, Jr.

By _____

Title **Senior Petroleum Engineer**

ORIGINAL SIGNED BY
R. M. Bauer, Jr.
JUN 20 1961
P.M. COM.
JUL 3

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

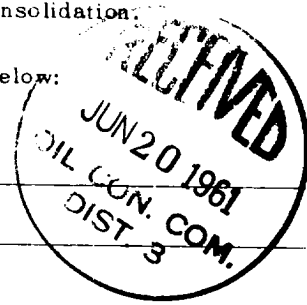
Date June 14, 1961

Operator PAN AMERICAN PETROLEUM CORPORATION Lease JICARILLA CONTRACT 148
 Well No. 13 Unit Letter C Section 15 Township 25 NORTH Range 5 WEST, NMPM
 Located 1005 Feet From the NORTH Line, 1750 Feet From the WEST Line
 County RIO ARriba G. L. Elevation To 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 outlined on the plat below?
 Yes X No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation _____

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

OwnerLand Description



Section B.

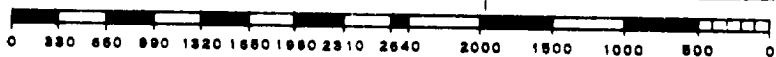
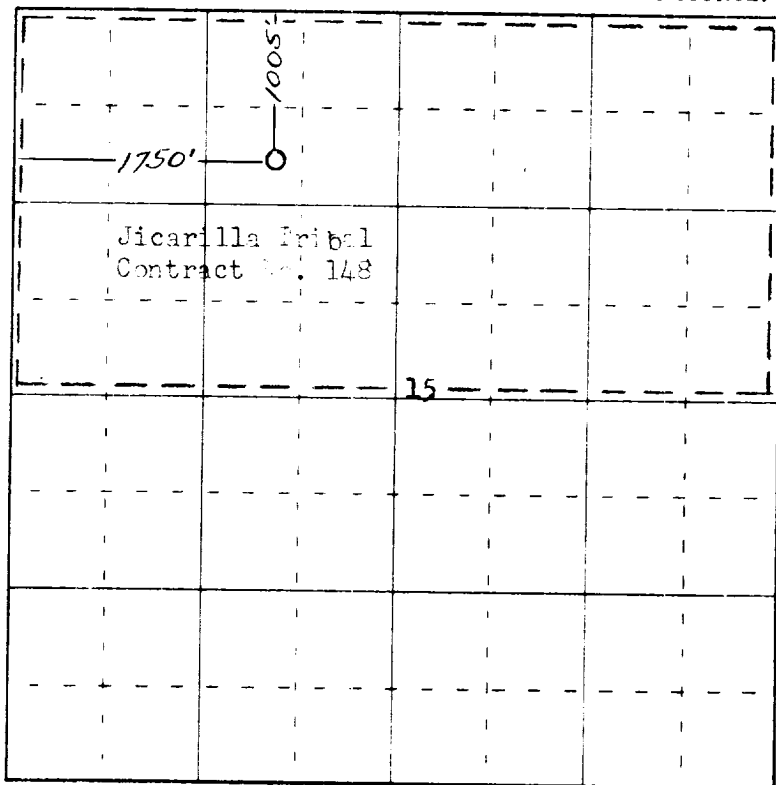
Note: All distances must be from outer boundaries of section.

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 Corp.
 (Operator)

R. A. Bauer, Jr.
 (Representative)

Box 420, Farmington, New Mexico
 (Address)



Scale 4 inches equal 1 mile

Ref: GLO plat dated 4 November 1882

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)

Farmington, New Mexico

Date Surveyed 8 June 1961

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