

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. ST 41244
Unit Callegos Canyon Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	☒	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)

Callegos Canyon Unit

Farmington, New Mexico

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Well No. 88 is located 990 ft. from [N] line and 1980 ft. from [E] line of sec. 31

SW 1/4 of Section 31 T-28-N R-11-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

RECEIVED
MAY 18 1960

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 Callegos Canyon Unit Well No. 88 with rotary tools to an approximate total depth of 6000' to test and develop productive Gallup zones. Stimulation will be as indicated upon penetration of Gallup pay. Casing program will be as follows:

Size	Depth	Cement	Remarks
8-5/8"	200'	160 sacks	Neat Circulate
4-1/2"	6000'	700 sacks	Production casing will be cemented by 2-stage process 1st stage will be to fill 500' above top of Gallup. Second stage will cover shallow Pictured Cliffs gas zone.

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

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 P.O. Box 427

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

Farmington, New Mexico

By _____

Attn: L. D. Spoor, Jr.

Title Area Engineer

Well Location and Acreage Dedication Plat

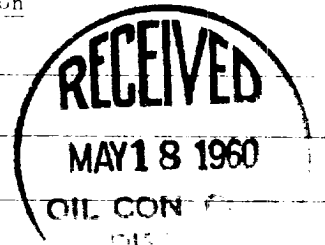
Section A.

Date MAY 11, 1960Operator PAN AMERICAN PETROLEUM CORPORATIONLease GALLEGOS CANYON UNITWell No. 88 Unit Letter 0 Section 31Township 28 NORTH Range 11 WEST, NMPMLocated 990 Feet From the SOUTH Line,1980 Feet From the EAST LineCounty SAN JUAN G. L. Elevation *Dedicated Acreage 40 AcresName of Producing Formation GALLUPPool UNDESIGNATED GALLUP

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 communitization agreement or otherwise? Yes X No _____ If answer is "yes", Type of Consolidation.Gallegos Canyon Unit acreage

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)

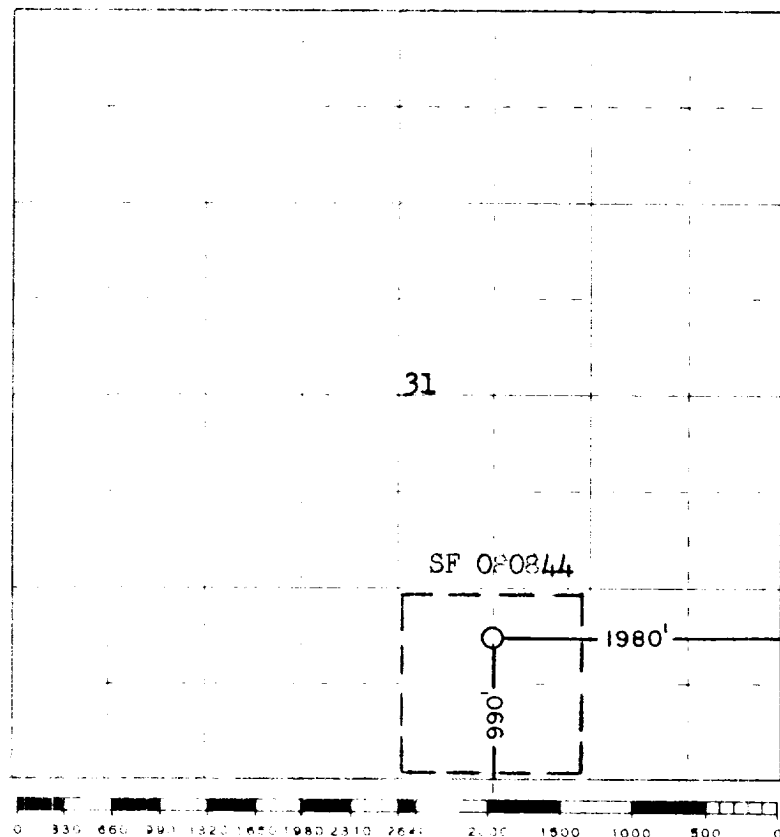
R. M. BAUER, JR. RM Bauer, Jr.

(Representative)

BOX 427, 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 7 May 1960

Farmington, New Mexico

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