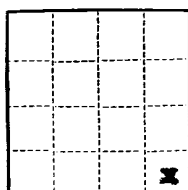


(SUBMIT IN TRIPLICATE)

Land Office Santa FeLease No. 3F 078902Unit Callegos Canyon UnitUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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)

RECEIVED
SEP 11 1963U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Callegos Canyon Unit

Farmington, New Mexico, September 9, 1963

Well No. 147 is located 900 ft. from N line and 990 ft. from E line of sec. 4SE/4, SE/4 Sec. 4
(1/4 Sec. and Sec. No.)T-27-N
(Twp.)R-12-W
(Range)N.M.P.M.
(Meridian)Basin 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 approximately 6200' with rotary tools to evaluate the Dakota zone. Stimulation and completion will be as indicated upon reaching total depth. The following casing program is proposed:

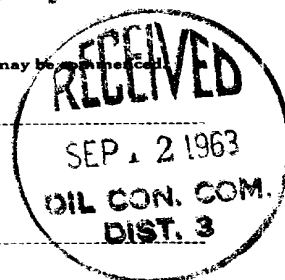
SIZE	DEPTH	CEMENT	REMARKS
8-5/8"	350'	225 cu.	Circulate to surface.
4-1/2"	6400'	First Stage	800 sacks 4 1/2 Gal with 1-1/2# Tuf Plug per sack, 100 sacks neat on bottom.
		Second Stage	450 sacks 4 1/2 Gal cement.

Two stage tool to be set at about 200' above Mesaverde. A copy of any survey taken will be submitted upon completion of well. Copies of location plat are 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 480Farmington, New MexicoFred L. Nabors
District EngineerBy ORIGINAL SIGNED BY
F. L. NABORS

Title

Verbally approved 9-6-63 Baier to
Mollingsworth

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A

Date September 9, 1963

Operator PAN AMERICAN PETROLEUM CORPORATION Lease GALLEGO CANYON UNIT
 Well No. 147 Unit Letter P Section 4 Township 27 NORTH Range 12 WEST T.M.P.N.
 Located 900 Feet From the SOUTH Line 990 Feet From the EAST Line
 County SAN JUAN G. L. Elevation 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 ☐ No ☒ X
2. If the answer to question one is "No", name the interests of all the owners herein created by communication agreement or otherwise? Yes ☒ X No ☐ If answer is "Yes", type of Communication

Gallegos Canyon Unit

3. If the answer to question two is "Yes", list the owners and their respective interests below:

Owner

Interest

Section B

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

I, the undersigned, 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)

F. H. Hollingsworth

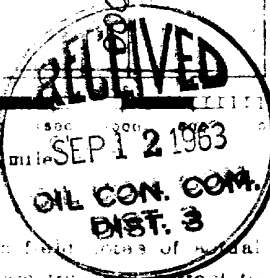
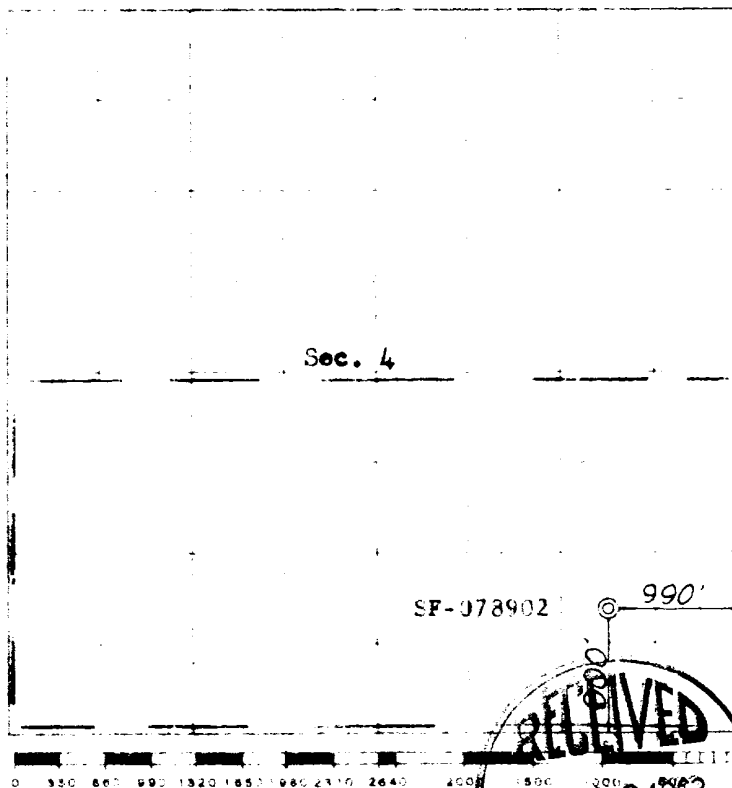
Representative

P. O. Box 480

Address

Farmington, New Mexico

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.

Date Surveyed 22 August 1963

James P. Leese
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company