



(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Allottee _____
Lease No. **2-09-20-20**

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 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)

US Section 19-09-16

Farmington, New Mexico September 2, 1958

Well No. **17** is located **2070** ft. from **[S]** line and **770** ft. from **[E]** line of sec. **10**

SW 1/4 of Section 19

9-09-16

16-16-N

T.16.N.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Hughes Petroleum

San Juan

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **5100** ft.

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)

US Section 19-09-16 Well No. 17. Perforations open at start of repair work 6396 - 6401, 6430-6470, and 6443-6459. Later Model "P" production packer set at 6419 and lower set of perforations blanked off.

Pulled tubing and drilled out production packer. Set retrievable bridge plug at 6401' and packer at 6395 to test zone 6396-6470. Submitted to unload and tested 75 MCFD, 4 barrels water per hour, and trace of oil. Set retrievable bridge plug at 6401 and packer at 6395 to test zone 6396-6401. Submitted to unload and tested 100 MCFD, 1 1/2 barrels oil per hour, and 30 barrels water per hour. Set permanent bridge plug at 6395 with packer at 6400 and spaced zone 6396-6470 with 150 miles cement to 4100 psi.

Perforated 4 shots per foot 6443-6459. Set packer at 6401 and (see reverse side)

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 407**

Farmington, New Mexico

ORIGINAL SIGNED BY

L. O. Speer, Jr.

By _____

Title **Field Superintendent**

acidized with 300 gallons 15% regular. Breakdown pressure 2500 psi, treating pressure 1400 psi, injection rate 4 barrels per minute. Well kicked off flowing and tested 83 barrels water per hour, 1/2 barrels oil per hour, and 195 MCF. Lost packer at 5774' and squeezed off zone with 200 sacks cement to 4500 psi. Drilled out cement plug and reperforated 2 shots per shot 6045-6050. Lost packer at 6054 and acidized with 300 gallons 15% regular. Breakdown pressure 3500 psi, treating pressure 1800 psi, injection rate 3 barrels per minute. Tested 73 barrels water per hour with oil and gas too small to measure. Squeezed zone 6045-6050 with 200 sacks cement to 4500 psi.

Drilled cement plugs and magnesium bridge plug and cleaned out to plug back depth. Ran 2-3/8" tubing landed at 6045' when land valve packer set at 6022'. Loaded annulus with oil. Washed zone 6045-6050 with 300 gallons 15% HCl at injection rate 3 barrels per minute and treating pressure 2000 psi. Tested flowing 62 barrels oil per hour and no water. Racked up surface equipment to produce as oil well.

Flowed 115 barrels of oil in 24 hours on September 2, 1970 on 2-3/8" choke with flowing tubing pressure 2075 psi on preliminary test.