

**(SUBMIT IN TRIPLICATE)**

Land Office **Santa Fe** .....

Lease No. **SF-77384**

Unit M. H. Gale #11

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

X			

RECEIVED

DEC 10 1959

## SUNDRY NOTICES AND REPORTS ON WHEELS

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	

U. S. GEOLOGICAL SURVEY  
 FARMINGTON, NEW MEXICO

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**M. B. Galt #HW**

Farmington, New Mexico December 9 1959

Well No. 1 is located 1430 ft. from S line and 770 ft. from E line of sec. 1

34/4 of Section 1

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

1-2-3

(Twp.)

**A-104**

(Range)

**Abstract**

(Meridian)

## Angels Peak Dakota

(Field)

[illegible]

(County or Subdivision)

## New Titles

(State or Territory)

The elevation of the derrick floor above sea level is 6061 ft. (RDS)

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Made jet out at 6488' for 10 minutes with 3000 psi with injection rate 4 barrels per minute with 3/4 pounds sand per gallon water. Circulated out 45 minutes. Lowered tubing and circulated hole clean. Spotted 500 gallons HCA. Pulled jet tool. Sand water fracked with 40,000 gallons water and 38,000 pounds sand. Breakdown pressure 3000 psi, maximum treating pressure 3000 psi, minimum treating pressure 2900 psi, injection rate 35 barrels per minute. Set bridge plug at 6465'. Cut casing at 6440' with jet gun at 4 barrels per minute with 3800 psi using water with 3/4 pounds sand per gallon. Circulated hole clean of sand. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Breakdown pressure 2900 psi, maximum treating pressure 2900 psi, minimum treating pressure 2000 psi, average injection rate 33 barrels per minute. Retrieved bridge plug. Landed 2" tubing at 6414'. Currently testing 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 Box 487

**Farmington, New Mexico**

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED B:

**R. M. Bauer, Inc.**

By

Title Area Engineer