



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SP 077382
Unit Hargrave Gas Unit

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

MAR 1 1961

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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Hargrave Gas Unit

Farrington, New Mexico February 24, 1961

Well No. 1 is located 990 ft. from S line and 790 ft. from W line of sec. 4

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

T-27-N
(Twp.)

R-10-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 6005 ft. (RDB)

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)

Plug back depth 6523' -- Spotted 500 gallons BDA. Perforated 6369-6395, 6440-6444 with 6 shots per foot. Sandwater fracked with 40,000 gallons with 1 per cent calcium chloride by weight with five pounds J-98 per 1000 gallons water and 40,000 pounds sand. Breakdown pressure 2300 psi, average treating pressure 2750 psi, average injection rate 46 barrels per minute. Landed 2-3/8" tubing at 6377'. Completed February 17, 1961, as shut in Basin Dakota Field Development Well. Preliminary test 3205 MCF per day. Top pay Dakota 6379'.

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 480

Farrington, New Mexico

Attn: L. O. Spear, Jr.

By

Title Senior Petroleum Engineer