



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SP 081061
Unit Hare Gas Unit "C"

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	DEC 21 1962
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.....	U. S. GEOLOGICAL SURVEY
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIRING.....	FARMINGTON, NEW MEXICO
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<u>Frac</u> <u>X</u>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Hare Gas Unit "C"

Farmington, New Mexico December 20, 1962

Well No. 1 is located 800 ft. from SEE line and 990 ft. from SEE line of sec. 25

SW/4 SW/4 Section 25 T-29-N R-10-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5577 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)

The above well was perforated with 4 shots per foot from 6406-6416. These perforations were sand water fracked with 32,000 gal. of water containing 7 lbs. J-2 and 20 lb. F-4 per 1,000 gal. and 1% calcium chloride and 30,000 lbs. sand.

Pressures were - Breakdown 2200, Average Treating 3300, Average Injection Rate 35 barrels per minute.

4-1/2" bridge plug was set at 6380' and well was perforated with 4 shots per foot 6352-6362. Sand water fracked these perforations with 30,000 gals. water containing 1% calcium chloride and 7 lbs. J-2 and 20 lbs. F-4 per 1,000 gals. and 30,000 lbs. sand. Average treating pressure 2900, Average injection rate 31.2 barrels per min. Recovered bridge plug at 6380' and cleaned out to 6451 plug back depth. After cleaning up, well tested 2237 MCFFD. Completed as shut in gas well Dec. 18, 1962.

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 MexicoAttn: L. O. Speer, Jr.

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

By _____

Title Petroleum Engineer