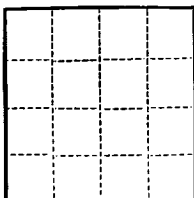


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **076337**  
Lease No. **Heath Gas Unit #2**  
Unit



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	<b>X</b>
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)

**Farmington, New Mexico** May 1, 19**57**

Well No. **1** is located **990** ft. from **N** line and **1650** ft. from **E** line of sec. **8**  
**SW/4 of Section 8** **T-29-N** **R-29-W** **44-M**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Blanco-Mesaville** **San Juan** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5613** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding and cementing points, and all other important proposed work)  
Moved on workover rig and pulled tubing. Cleaned out hole to total depth of 4515'. Ran 954' of 5" casing liner from 4509' to 3555' and cemented with 200 sacks cement. After waiting on cement for 24 hours, casing and cement were tested with 1000 lbs pressure for 30 minutes with no drop in pressure. Perforated liner with 2 shots per foot 4376-4454, 4361-68, 4322-54, 4268-86, 4218-32. Fracked these perforations with 50,000 gallons water and 70,000 pounds sand. Average injection rate 50.8 BPM. Perforated with 2 shots per foot 3774-86, 3794-3826, 3850-82, 3940-56, 4016-30, 4064-76, 4086-94, 4138-58, 4174-86. Fracked with 40,000 gallons water and 50,000 pounds sand average injection rate 49 BPM. Preliminary test 4118 MCFFD.

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**

By *[Signature]*

Title **Field Clerk**