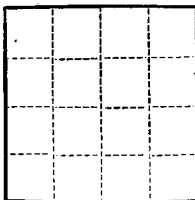


(SUBMIT IN TRIPLICATE)

Land Office New Mexico

Lease No. 019414

Unit Federal Gas Unit



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 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)

Federal Gas Unit

Farmington, New Mexico July 18, 1957

Well No. 1 is located 1750 ft. from N line and 990 ft. from E line of sec. 20

NE/4 of Section 20
(1/4 Sec. and Sec. No.)

T-32-N
(Twp.)

R-12-W
(Range)

N.M.P.M.
(Meridian)

Blanco-Mesaverde
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5936 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)

This well was spudded on 6/9/57, and on 6/9/57, 9-5/8" casing was landed at 264' with 150 sacks of cement. After waiting on cement for 24 hours, casing and water shut off were tested with 1000 pounds pressure for 30 minutes with no drop in pressure.

On July 3, 1957, 7" casing was set at 4552' with 65 sacks cement followed by 50 sacks of cement. Then casing and water shut off were tested for 15 minutes with 3000 pounds pressure, with no drop in pressure.

On July 7, 1957, 5" liner was set at 4428-4916 with 70 sacks of cement and liner was tested with 2400 pounds pressure with no drop in pressure.

On July 11, 1957, the following formations were perforated with 2 shots per foot:
I understand that this plan of work must receive approval in writing by the Geological Survey before operation. (see reverse side)

Company Pan American Petroleum Corporation

Address Box 487

Farmington, New Mexico

By L. O. Jones

Title Field Superintendent

4640-4730, 4742-56, 4784-98, 4803-12, 4821-31, 4835-54. Attempted to sand water frac, but could not breakdown at 3000 psi. Dumped 2000 gallons acid on bottom and would not breakdown at 3000 psi. Attempted second frac, following acid treatment, but would not breakdown. Re-perforated with 2 shots per foot 4640-4730, 4742-56, 4784-98 4803-12, 4821-31, and 4835-54. Acidize with 250 gallons acid. Sand water fracked with 60,000 gallons water and 80,000 pounds sand. Formation Broke under hydrostatic head. Injected 210 rubber balls in 5 stages during treatment. Average injection rate 71 BPM. Preliminary test 4295 MCFPD.