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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **SF-081299A**
Unit **Northeast Hogback Unit**
Communitization No. **14-08-001-6674**

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
NOTICE OF INTENTION TO ABANDON WELL	Notice of Intention to Convert to Injection Well

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

Northeast Hogback Unit

Farmington, New Mexico December 12, 1961

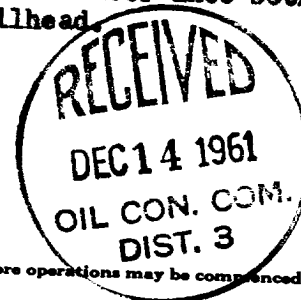
Well No. **13** is located **2140** ft. from **[N]** line and **520** ft. from **[W]** line of sec. **13**
NW/4 of Section 13 **T-30-N** **R-16-W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Horseshoe Gallup **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5397** 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)

In accordance with New Mexico Oil Conservation Commission Order No. R-2026 authorizing Pan American to institute a pressure maintenance project in the Horseshoe Gallup pool, we propose to convert Northeast Hogback Unit No. 13 to an injection well for injection of water into the Gallup formation. The well is to be equipped with a packer to permit injection of water into both Gallup zones with separate metering equipment at the wellhead.



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 **P. O. Box 480**

Farmington, New Mexico

Attn: **L. O. Speer, Jr.**

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By _____
Title **Senior Petroleum Engineer**