



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Land Office **Santa Fe**
Lease No. **SF-081299A**
Unit **Northeast Hogback Unit**
Communication 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.....	

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

Northeast Hogback Unit **Farmington, New Mexico** **March 27**, 19**62**

Well No. **16** is located **1980** ft. from **N** line and **1980** ft. from **W** line of sec. **13**

SW/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 **5398** 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)

The above well was converted to a water injection well on 3-25-62 as follows:

1. Hot oiled casing annulus and pumped backload.
2. Moved in and rigged up pulling unit and pulled rods and pump.
3. Ran casing scraper on tubing and circulated hole clean with oil.
4. Displaced oil with treated water and pulled tubing.
5. Ran 2-3/8" tubing with Baker Model N packer set at 3880'.
6. Hooked up to injection system and started injecting water down casing and annulus into lower and upper Gallup zones 3-25-62.



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**

Farmington, New Mexico

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

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By _____
Title **Senior Petroleum Engineer**