

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R3584.
Approval expires 12-31-60.

Land Office New Mexico
Lease No. NM-04407A
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	<u>Notice of Intention to Convert to Injection Well</u>	<u>X</u>

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

Northeast Hogback Unit

Farmington, New Mexico December 12, 1961

Well No. 14 is located 1980 ft. from S line and 895 ft. from E line of sec. 14

SE/4 of Section 14
(1/4 Sec. and Sec. No.)

T-30-N
(Twp.)

R-16-W
(Range)

N.M.P.M.
(Meridian)

Horseshoe Gallup
(Field)

San Juan
(County or Subdivision)

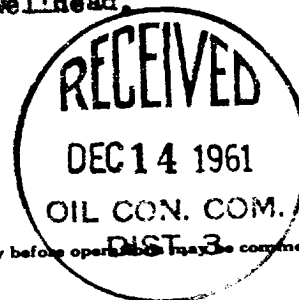
New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5373 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. 14 to an injection well for injection of water in to 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