



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. NM-04419
Unit Northeast Hogback Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <u>Water well</u>	<input checked="" type="checkbox"/>	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 July 20, 19 61
Water well

Well No. 1 is located 2004 ft. from S line and 2580 ft. from W line of sec. 10

NE/4 SW/4 of Section 10 T-30-E R-16-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Water Supply Source San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. (To be reported last) 25 1961

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)

We propose to drill the above well to an approximate total depth of 3000' with rotary tools to the Morrison Formation to supply water for a waterflood project. The following casing program is proposed:

SIZE	DEPTH	CEMENT	REMARKS
16"	100'	125 sacks	Neat - circulate
10-3/4"	3000'		Casing will be cemented at total depth with 125 percent of theoretical amount needed to bring

cement above top of Dakota. Use 50 percent Portland and 50 percent Pozmix and tail-in with 25 sacks of neat. A stage tool (DV) will be set at approximately 2000' and cement brought back to point above top Gallup to effectively cover Gallup producing zone.

A copy of any survey taken will be submitted upon completion of well. Copies of location plat attached.

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

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

Attn: L. O. Speer, Jr. By _____ Title Senior Petroleum Engineer

Verbal approval Dick Karhl to Bauer July 19, 1961.