

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SF-077382  
Unit USA Hargrave "J"

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)

USA Hargrave "J"

Farmington, New Mexico August 11, 1959

Well No. 1 is located 790 ft. from NE line and 1850 ft. from TE line of sec. 3

SW/4 of Section 3  
(¼ Sec. and Sec. No.)  
Angels Peak Dakota  
(Field)

T-27-W N-10-W  
(Twp.) (Range)  
San Juan  
(County or Subdivision)

N.M.P.M.  
(Meridian)  
New Mexico  
(State or Territory)

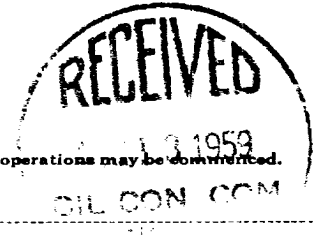
The elevation of the derrick floor above sea level is 6120 ft.

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)

Moved in completion unit August 2, 1959. Spotted 250 gallons mud cleanout agent. Tested 4-1/2" casing with 3000 psi which held with no indication of pressure drop. Perforated Dakota with two shots per foot 6542-6586. Sand water fracked with 56,000 gallons water and 50,000 pounds sand. Breakdown pressure 1350 psi, average treating pressure 2700 psi, average injection rate 25 barrels per minute. Landed 2" tubing at 6511'.

Completed as shut in Angels Peak Dakota Field well August 9, 1959. Preliminary test August 9, 1959, 5526 MCFPD.



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 487

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY  
L. O. Speer, Jr.

By \_\_\_\_\_

Title Area Superintendent