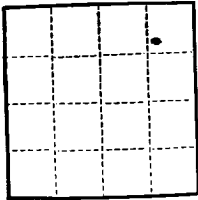


Form 9-381a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 076337  
Unit W. D. Heath "A"

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)

W. D. Heath "A" Farmington, New Mexico July 18, 1957

Well No. 2 is located 1020 ft. from N line and 960 ft. from W line of sec. 17

NE 1/4 of Section 17 T-29-N E-9-W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco Mesavieja San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5738 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Workover rig moved on and attempted to pull tubing. Cut off tubing at 3500' and pulled 126 joints. Failed to retrieve fish on two attempts. Set drillable retainer at 3696' with 300 sacks of cement. Dressed plug to 3800' and went into hole with whipstock hole. Set whipstock at 3800' and drilled off with 4-3/4" bit to 3816'. Drilled 4250' whipstock hole. Set 5" liner from 4650-3629, cemented with 100 sacks cement. Perforated with 2 shots per foot 4235-51, 4271-85, 4412-22, 4429-41 and 4456-80. Sand water fracked with 50,000 gallons water and 70,000 pounds of sand. Breakdown pressure 2500 psi. Average injection rate 58 BPM. Set bridge plug at 4220'. Perforated with 2 shots per foot as follows: 3894-3910, 3920-58, 3976-4002, 4011-21, 4054-64, 4132-53, 4172-82, and 4191-4201. Sand water fracked with 40,600 gallons water and 50,000 pounds sand. Average injection rate 66 BPM. Drilled bridge plug to 4615', re-perforate with 2 shots per foot 4412-22, 4429-41, and 4456-4580, and spot 200 gallons acid over perforations. Re-fracked with 75,000 gallons water and 75,000 pounds sand. Average injection rate 68 BPM. (See reverse side.)

Company Pan American Petroleum Corporation

Address Box 457

Farmington, New Mexico

By Heath

Title Field Superintendent

Send water fracked with 76,700 gallons water, and 75,000 pounds sand. Average injection rate 71.4 BPM. Ran 260 Magnesium balls. Preliminary test 4261 MCFFD.

