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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 076337
Unit W. D. Heath #B

RECEIVED
DEC 9 1957

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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

W. D. Heath #B

Farmington, New Mexico December 6, 1957

Well No. 1 is located 990 ft. from N line and 990 ft. from E line of sec. 31

NE 1/4 of Section 31 T30N R9W N19E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is 5878 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)

Workover rig was moved onto W. D. Heath #B, Well No. 1, and tubing was pulled. Well was then cleaned out with gas to a total depth of 4865'. Ran 5" liner 3919-4842 with Burns liner hanger and cemented with 225 sacks. Squeezed top of liner with HRC tool set at 3876' with 150 sacks of cement. Ran 6 1/2" bit and drilled bridge plug to 4826'. Tested casing with 2500 pounds for 30 minutes which held ok. Perforated with two shots per foot 4700-4736, 4746-4776, 4786-4816. This well was then sand-water fracked with 50,000 gallons water and 70,000 pounds sand. Formation broke at 2300 pounds. Average injection rate 65 BPM. Ran bridge plug and set at 4280'. Tested with 2500 pounds which held ok. Perforated with two shots per foot 4124-4166, 4174-4186, 4202-4214, 4222-4240. Then sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Formation broke at 2600 pounds. Average injection rate 52 BPM. Drilled bridge plug to 4826'. Preliminary test 7025 MCPTD, Pitot Tube Measurement.

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 467

Farmington, New Mexico

By

Title Field Clerk

RECEIVED
ORIGINAL SIGNED BY 10 1957
D. J. SCOTT, CON. COM.
DIST. 3