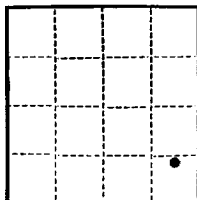


N M O C C



(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 August 19, 1957

Well No. 4 is located 1190 ft. from SE line and 990 ft. from E line of sec. 9

SE/4 of Section 9

(1/4 Sec. and Sec. No.)

T-29-N

(Twp.)

R-9-W

(Range)

N.M.P.M.

(Meridian)

Blanco-Pictured Cliffs

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

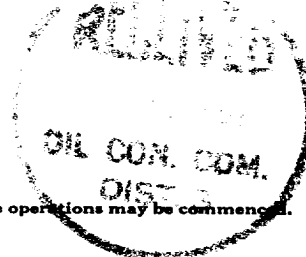
The elevation of the derrick floor above sea level is 5765 ft.

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)

On July 26, 1957, 4-1/2" casing was set at 2433' with 200 sacks of cement followed by 50 sacks of cement. Casing and water shut-off were tested to 2500 pounds pressure which held with no drop in pressure.

On August 5, 1957, the following formation was perforated with four shots per foot-2302-2354. These formations were then sand-water fracked with 30,000 gallons water and 40,000 pounds sand. Average injection rate 40 barrels per minute. Preliminary test 8/8/57, 2730 MCFPD., 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 487

Farmington, New Mexico

By W. D. Heath

Title Field Clerk