

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. SP-081239

Unit L. C. Kelly

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)

L. C. Kelly

Farmington, New Mexico May 13, 1964

Well No. 2 is located 1040 ft. from N line and 1600 ft. from E line of sec. 5

N 1/4 E 1/4 Section 5
(1/4 Sec. and Sec. No.)

T-30N
(Twp.)

R-12W
(Range)

N.M.P.M.
(Meridian)

Basin Dakota
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5909 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)

The above well was spudded on March 23, 1964 and drilled to a depth of 360'. 8-5/8" casing was set at that depth with 225 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement, tested casing with 500 psi. Test ok. Reduced hole size to 7-7/8" and resumed drilling.

Core No. 1 - 6702-6703. Recovered 3 feet as follows: 1' shale and 2' sand.

Core No. 2 - 6703-6731. Recovered 26' as follows: 1' shale, 2' sand with shale lamination 5' shale, 4' sand with shale laminations, 4' shale, 3' sand with shale laminations, and 7' shale.

Core No. 3 - 6731-6753. Recovered 22' as follows: 4' sand very shaley with fractures, 1/2' shale, 3-1/2' sand, clean with shaley laminations, 5' sand with shale laminations and 5' sand, clean, good porosity, and fractures.

Well drilled to a total depth of 6832' and 4-1/2" casing was set at that depth with stage collar at 4936. First stage cemented with 400 sacks cement containing 6% gel and 2 pounds

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

(SEE REVERSE)

Address P. O. Box 480

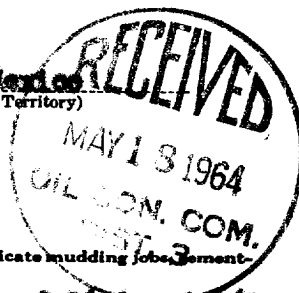
Farmington, New Mexico

Fred L. Nabors, District Engineer

ORIGINAL SIGNED BY
Fred L. Nabors

By _____

Title _____



medium Tur Plug per week followed by 100 sacks next cement. Cemented second stage with 1100 sacks cement containing 66 gal and 2 pounds medium Tur Plug per sack. After waiting on cement tested casing with 3500 psi. Test ok. Perforated 6696-6706, 6710-11 and 6714-15 with 2 shots per foot. Produced these perforations with 26,720 gallons water containing 15 calcium chloride, 7 pounds $\frac{1}{2}$ per 1000 gallons and 19,500 pounds sand. Breakdown pressure 1500, treating 3500, average injection rate 30 barrels per minute. Set bridge plug at 6690 and tested with 3500 psi. Test ok. Perforated 6637-50 with 4 shots per foot. Produced these perforations with 28,500 gallons water containing additives as above and 20,000 pounds sand. Breakdown pressure 1800, treating 3200, average injection rate 40 barrels per minute. Pumped in 60 barrels water containing 15 calcium chloride and stabilized tubing pressure at 2800. Pumped in 1000 gallons 7-1/2% acid containing 2 pounds LT-19, de-aerated, at 4 barrels per minute. Displaced acid with water and began cleanup operations. 2-3/8" tubing landed at 6650 and well completed May 5, 1964, as Basin Dakota Field well. Preliminary test 3000 MFPD.