



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 77962

Unit No. 1. Volder

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	Core Results	☒

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

C. A. Volder

Farmington, New Mexico - January 10, 1961

Well No. 4 is located 560 ft. from [N] line and 560 ft. from [E] line of sec. 36
 N. 1/4 Sec. 36 of Section 16 T-28-N R-13-E N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
 One Ora Valley San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6070 ft. (205)

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)

Core No. 1 5695-5728 Coriup - Core barrel jammed. Recovered 33' as follows: 1-1/2' sandy shale, 1' tight, fine grained shaly sand, 8-1/2' black shale with occasional sand streaks, 1' tight sand with shale nodules, 9' clean medium grained sand with occasional shale nodules and thin shale partings in upper 2-1/2', some vertical fracturing, good porosity and permeability, oil saturated with strong odor, 1' tighter sand, 3' tight shaly sand fine grained vertically fractured, 8' sandy shale to black sand.

Core No. 2 5728-66 - Recovered 60' as follows: 31' black shale, 7' sandy shale, no frac, 3' shaly sand, shale laminations, 9' clean medium grained sand with oil bleed throughout, 4' shaly sand, with shale laminations, 6' tight black shale.

Total depth 5875' - 4-1/2" casing set at 5666' with 125 sacks 5 percent gel cement with 1-1/2 pound medium tuf plug per sack, followed by 75 sacks neat cement. Displaced with 300 gallons 15 percent HCl acid and oil. Tested casing with 3000 psi for 30 minutes which held with no indication of pressure drop. Released rotary rig January 1, 1961.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company: An American Petroleum Corporation

Address: Box 480

Farmington, New Mexico

Attn: C. A. Volder, Jr.

By: [Signature]

Title: Senior Petroleum Engineer