



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe
Lease No. SF-046563
Unit Fred Feasel "L"

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)

Fred Feasel "L"

Farmington, New Mexico February 13, 1964

Well No. 1 is located 1850 ft. from N line and 790 ft. from E line of sec. 32NE/4 of Section 32
(1/4 Sec. and Sec. No.)T-28N
(Twp.)R-LOW
(Range)N.M.P.M.
(Meridian)Angela Peak Dakota
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 5978 ft. (GL)

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)

Moved in and rigged up repair unit on January 6, 1964. Pumped in 340 barrels of 8.8 pounds salt water and shut in well overnight to allow pressure to stabilize. Opened well and well kicked off. Blew well thru 3/4" choke for 15 hours. Opened casing to blow through open 2" line. Blew both tubing and casing for 9 hours. Tubing pressure flowing 100 and casing pressure flowing 150. Killed well with 9.8 pounds salt water. Pulled tubing and ran gauge ring to 6499. Baker east iron bridge plug set at 6397'. Ran casing inspection log. Well unloaded after logging. Gas flow estimated at 3000 MCF per day from above bridge plug. Killed well with 11.5 pounds mud. Ran tubing and full bore packer. Found hole at 3674' and 4242'. Set packer at 3482 and attempted to squeeze with 150 sacks cement. Failed to get a squeeze job. Maximum pressure 1600 psi, final pressure 1000 psi. After waiting on cement, set retainer at 3476' and squeezed with 35 sacks. Maximum pressure 1800 psi, final pressure 1250 psi. After waiting on cement, drilled retainer and tested casing to 950 psi. Test failed.

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 SIDE)

Address P. O. Box 480

Fred L. Nabors, District Engineer

Farmington, New MexicoBy ORIGINAL SIGNED BY
FRED L. NABORS

Title _____

Spotted and acidized with 250 gallons 15% regular staged acid at 1200-1500 psi. Pumped water behind acid at 1 barrel per minute at 1200 psi and 2 barrels per minute at 1500 psi. Pulled tubing and reran and set retainer at 3482. Squeezed cement with 50 sacks cement. Maximum squeeze pressure 2100 psi. No staging. Reversed out 17 sacks cement. After waiting on cement, drilled out retainer and cement. Tested casing with 1475 psi. Test failed. Pulled tubing and bit. Re-ran tubing and packer. Set packer at 4330'. Tested below packer with 1850 psi. Test ok. Pumped in above packer at 1350 psi. Tested casing with packer at various depths from 4330 to 3475'. At 3475' tested above packer with 1800 psi. Test ok. Pulled tubing and packer. Reran tubing and set retainer at 3278'. Attempted to squeeze cement with 100 sacks cement. Maximum pressure 1500 psi and final pressure 500 psi. After waiting on cement, attempted to squeeze below retainer. Could not pump into formation at 2050 psi. Drilled retainer and cement stringers. Claimed out to 6365' FSD. Tested casing to 1100 psi. Test failed. Pulled and reran tubing and set east iron retainer at 4259'. Spotted 300 gallons 15% regular acid. Acidized in stages, initial rate 1/4 barrel per minute at 2000 psi, final rate 3 barrels per minute at 1600 psi. Squeezed with 50 sacks cement, maximum pressure 1400 psi, final pressure 600 psi. Waited on cement, then squeezed with 25 sacks cement below retainer. Maximum pressure 2000 psi. Held ok with 10 sacks into formation. Reversed out 5 sacks cement. Tested above retainer with 1550 psi. Test ok. Drilled out retainer and bridge plug, ran tubing to 6397' and tested casing with 1175 psi. Test ok. Set production packer at 6390'. Loaded hole above packer with light gel mud. Acidized below packer with 1000 gallons 15% HCl. Began testing well. After testing and cleaning up well, well gauged 2039 MCF. Shut in tubing pressure 1625 psi. Well repairs completed January 26, 1964.