



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R388.4
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. NM 027857
Unit _____

HOBBS OFFICE O. C. C.
Nov 6 10 35 AM '63

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	X
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)

February 28, 1961

Well No. 1 is located 1980 ft. from N line and 1980 ft. from E line of sec. 20

SW/4 NE/4 Sec. 20 9 S 38 E NMPM
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Smyer - San Andres Lee New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3963 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)

Cleaned out old Warren Petroleum well to 5127'.
Ran 5 1/2" J-55, 14# liner to 5098', top of liner 4295'. Cemented with 155 sacks
Pomax and 35 sacks latex. Top of cement 4250'. Ran Gamma Ray-Neutron to 5071'.
Perforated the following intervals - 2 shots per foot: 4910-14', 4926-36',
4951-71'. Ran 2" tubing with packer set at 4800' and attempted to treat with
1000 gallons mud acid. Packer failed. Reversed acid out. Pulled tubing and
reran tubing with packer set at 4800'. Treated all perfs with 1000 gallons mud
acid. Maximum pressure 2000#. Swabbed well, tested gas TSTM plus small amount
of oil and acid water.
Treated all perfs with 7000 gallons 15% acid. Maximum pressure 3300#. Shut down
pressure 1700#. Swabbed, well kicked off. Blowdown gauge 365 mapi from all zones.
Pulled tubing and packers. Reran tubing with straddle packers. Swabbed upper

(Over)

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

Company Alamo Corporation

Address 2010 34th Street

Lubbock, Texas

By Lloyd Henderson
Lloyd Henderson
Title Geologist

zone 4951-71'. Well tested 52 mcfpd plus oil and water (not gauged). Strattled perforations 4910-14; swabbed, tested 275 mcfpd with small amounts of water, oil and mud. Straddled perfs 4926-36. Swabbed, tested estimated 50 mcfpd plus some oil and water. Released packers, well tested estimated 500 mcfpd from all perfs. Pulled tubing and packers. Perforated 4902-08' with 12 shots total. Ran tubing with straddle packers, treated perforations 4902-08' and 4910-14' with 6000 gallons regular acid. Swabbed 48 hours. Shut in 30 minutes. Blowdown 350 mcfpd. Reset packers opposite 4926-36' perforations and attempted to treat with 5500 gallons regular acid. Perforations were either communicated with upper perfs or packers failed. Reversed out acid. Pulled tubing and packers. Treated perfs 4951-71 with 5500 gallons. Treatment communicated with other zones. Swabbed all zones. Well kicked off and tested estimated 360 mcfpd plus 33 bbls. fluid, 80% water. Cleaned well on 7 day blow down. Well tested 550 mcfpd through .2180" orifice. Tubing pressure 537#.

LOG TOPS: San Andres 4183 (-216)
San Andres Porosity 4892' (-927)