

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 079730
Unit San Juan 28-4
14-05-001-933

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)

April 1, 1954

Well No. 4 is located 1020 ft. from S line and 1590 ft. from W line of sec. 26
SE 1/4 Section 26 20N 4W NMPN
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7202 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 well was drilled to a Total Depth of 6035' and temporary operation of the well was taken over by the Phillips Petroleum Co. The well was then plugged back to 4307'.

January 25, 1954 - A Chilton and Son Cable tool rig was moved over the well.

January 29, 1954 - Perforated 7" casing with one bullet shot at 3950'. Recovered 1200' drilling mud. Perforated 7" casing 3950-3944 with six 7/16" bullets.

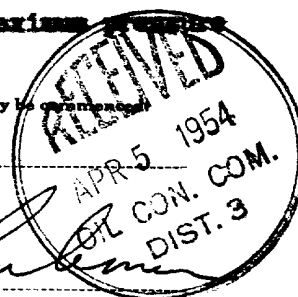
January 30, 1954 - Set Howco Retractable Packer at 3854' and squeezed with 200 sacks regular cement. Maximum pressure 400#. Cleared perforations with 20 barrels water.

January 31, 1954 - Squeezed 96 sacks regular cement into formation. Maximum pressure 4200#.

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

Company El Paso Natural Gas Company
Address Box 977
Farmington, New Mexico

By [Signature]
Title Petroleum Engineer



January 4, 1954 - Drilled out cement and baled hole to 4275'. Perforated 7" casing 4195' - 4126' with 3 cone shots per foot and two bullet shots per foot. Recovered 175 of drilling mud.

February 5, 1954 - Baled hole dry. Ran Howco BC Packer on 2" EUE tubing set at 4125'. Acidized thru perforations with 3000 gallons Dowell SRA, flushed with 3 barrels diesel oil and 15 barrels water.

February 8, 1954 - Recovered no gas from 4195' - 4126' zone. Dropped bridging bar in packer and pulled tubing. Perforated 7" casing 4120' - 4060' with 2 bullet and 3 cone shots per foot.

February 9, 1954 - Ran Howco BC packer and set it at 4033'. Treated formation thru perforations 4060' - 4120' with 500 gallons Dowell SRA and 6500 gallons San Frac Mix. Injection rate 4 barrels per minute. Maximum pressure 1600#, flushed with 30 barrels diesel oil. Shut well in one hour. Opened well and it flowed to pits 1 1/2 hours.

February 12, 1954 - Well making water, distillate and some gas. SI 24 hours, SIF 4057#.

February 15, 1954 - Ran 139 joints of 3 3/8 O.D. 4.75 J-55 tubing set at 4113' R K B. Tubing perforations at 4098' - 4113'.

February 15 to March 9, 1954 - Testing well, making water, some distillate & some gas.

March 10, 1954 - Pulled tubing and ran Howco BC plug on 2" EUE tubing. Set plug at 4049'.

March 11, 1954 - Perforated 7" casing 4042' - 4016' with 3 jet and 2 bullet shots per foot. Ran Howco retrievable packer on 2" EUE tubing set at 3999'.

March 12, 1954 - Treated formation through perforations 4016' - 4042' with 500 gallons Dowell SRA, 3000 Gallons Sanfrac Mix (1 gal. oil to 1 1/2 gal. sand). Flushed with 30 barrels diesel oil. Injection rate 4 1/2 barrels, Maximum pressure 1000#. Recovered no gas.

March 16, 1954 - Drilled bridge plug at 3999' and at 4049'. Cleaned hole out to 4120'. Ran 2" EUE tubing set at 4113' RKB.

March 17 to March 26, 1954 - Testing well, making water and a little distillate, no gas.