



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 51 Sec 20, T-31N, R-12W, N.M.P.M., San Juan  
Unit County, New Mexico

RECEIVED

NOV 10 1959

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
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)

October 20, 1959

Well No. 1 Federal Nye is located 1085 ft. from [X] S line and 4373 ft. from [E] N line of sec. 20  
SW/4 SW/4 20 31N 12W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6074 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)

1. Clean out to 7160' R.K.B. Perf. 4 shots/ft. 7160-7156; 7150-7128; 7108-7097 and 7079-7068.
2. Tested with packer & found communication between perfs. Squeeze perfs with 75 sx regular cement on August 28, 1959.
3. Set Baker cast iron bridge plug @ 7082' R.K.B. on September 1, 1959.
4. Perf 4 shots/ft. 6948-6998 & 7005-7044, Sand-water frac with 30,000# sand and 87,000 gallons water.
5. Set magnesium bridge plug at 6015' R.K.B. Perf. 4 shots at 5150' & squeeze w/50 sx regular cement w/1# Flo-seal on September 16, 1959.

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

Company SOUTHERN UNION GAS COMPANY

Address 1001 Burt Building  
Dallas, Texas

Original signed by  
By VERNON J. LOWE  
Vernon J. Lowe  
Title Drilling Superintendent