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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office
Lease No. **Santa Fe**
Unit **5th Sec 20, T-31N, R-12W, N.M.P.M., San Juan County, New Mexico**

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)

Well No. **1 Federal** is located **1085** ft. from **{N}** line and **4373** ft. from **{E}** line of sec. **20**
SW/4 (Sec. and SW/4 No.) **20** (Twp) **31N** (Range) **12W** (M.P.M.) **P.M.**
Without (County) **San Juan** (division) (State) **New Mexico**

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. Ran 218 jts. 5th, 15.5th, J-55 casing on August 7, 1959. Casing landed at 7173' R.K.B. with stage collar at 5200' R.K.B. Cemented first stage with 145 cu. ft. diacel & 3/4 ex regular cement.
2. Ran temperature survey on first stage - Cement top at 5400'.
3. Cement second stage thru stage collar with 200 ex 50-50 pozzis on August 8, 1959.
4. Ran temperature survey on second stage - Survey did not show any cement top.

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
VERNON J. LOWE

By **Vernon J. Lowe**

Title **Drilling Superintendent**