Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 079319
Unit Schwerdtfeger

# 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 | | Water Frac. | X |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 9, 1957

Well No. 9-A is located 1190 ft. from {N/S} line and 654 ft. from {E/W} line of sec. 31

NE/4 Section 31 (¼ Sec. and Sec. No.) 28N (Twp.) 6W (Range) N.M.P.M. (Meridian)

Blanco Mesa Verde & Blanco P. C. (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

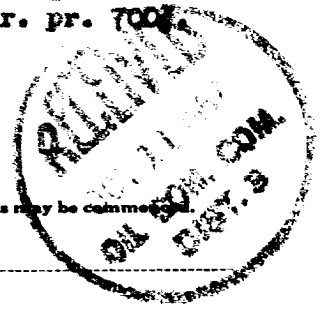
The elevation of the derrick floor above sea level is 6724 ft.

## 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)

10-6-57 Total depth 5460'. C.O.T.D. 5379. Water fraced. Point Lookout perf. int. 5227-49; 5257-62; 5283-98; 5304-21; 5343-73 (2 holes per ft.) w/71,900 gallons water and 60,000# sand. BD pr. 1800, 400, 850#, max. tr. pr. 375, 500, 750#, avg. tr. pr. 150, 450, 700#. IR 68.9 BPM. Flush 11,000 gallons. Injected 2 sets of balls (53 balls each set) for 3 stages.

10-6-57 Total depth 5460'. Temporary bridge plug at 5200'. Water fraced. Pictured Cliffs perf. int. 2967-3010 (2 holes per ft.) with 38,400 gallons water and 40,000# sand. BD pr. 1800#, max. tr. pr. 950#, avg. tr. pr. 700#. IR 63.7 BPM. Flush 6700 gallons.



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 997

Farmington, New Mexico

By Original Signed D. C. Johnston

Title Petroleum Engineer

GPO 9 18 507