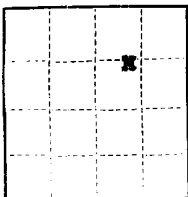


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office **Santa Fe**Lease No. **BN 95750**Unit **Graham**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF..... X
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..... X
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.....	Subsequent Report of Perf & Treat- ing..... X

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

August 4, 19 60

Well No. **1** is located **1850** ft. from **N** line and **1165** ft. from **E** line of sec. **9****NE/4** **Sec. 9** **27-N** **8-W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)**Blanco Mesa Verde** **San Juan** **New Mexico**
(Name) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is **3931.3** 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)

Set retrievable bridge plug at 3297'. Perforated with 4 holes at 3003' - 3 1/2" casing. Pumped in w/water at 800 psi. Cemented with 300 cu 50-50 percent w/41 gal with 12 1/2 lbs gilsonite - maximum pressure was 1100 psi. Cement top at 2000' according to temperature survey. Cleaned out to bridge plug and retrieved same. Cleaned out open hole to 4500' with gas. Ran and set 4" OD FJ 140/ft slotted liner at 4400' with top of liner at 4263'. Fraced Mesa Verde open hole interval through liner with 300 gals acid, 30,000 gals water and 70,000 lbs sand. Max. pressure was 1200 psi, minimum was 1000 psi, average injection rate was 60 BPM. Flushed with 105 bbls water.

(CONTINUED ON ATTACHED SHEET)

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

Company **WESTERN NATURAL GAS COMPANY**Address **823 Midland Tower****Midland, Texas**

By

Title **W. B. Cook**
Division Engineer

Graham #1

Details of Work (Cont'd)

Perforated Pictured Cliffs interval of 2133-51' with 4 jet shots per foot. Ran and set BP-4 packer at 2244'. Fraced Pictured Cliffs formation with 500 gals acid, 40,000 gals water and 60,000 lbs sand, formation broke at 2000 psi; minimum pressure was 1300 psi, average injection rate was 53.6 BPM, flushed with 44 bbls water. Retrieved the BOT BP-4 packer - cleaned up both zones unloading sand and frac water. Final dual completion as follows: tubing set at 4249' with two joints of 2" EUE 8rd below packer as tail pipe, the Brown Oil Tool BP-4 packer set at 4189' with 137 joints of 2 1/2" 10V and 8rd tubing above packer and Camco sliding sleeve at 4058' in closed position. Flowing and cleaning up both zones.