

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SF**
Lease No. **000382-A**
Unit **Frontier**

RECEIVED

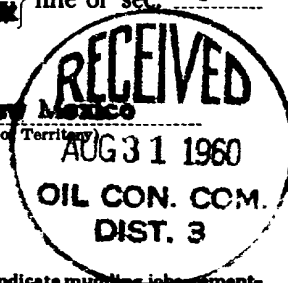
SUNDRY NOTICES AND REPORTS ON WELLS

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	Sandoli Frac.	X

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

August 26, 1960

Well No. **4-C** is located **1980** ft. from **N** line and **1980** ft. from **E** line of sec. **5**
SW/4 NE/4 Section 5 **27N** **11W** **NMPM**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated **San Juan** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)



The elevation of the derrick floor above sea level is **6091** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging intervals, cementing points, and all other important proposed work)

August 11, 1960 Total Depth 5980'. Clean Out Total Depth 5940'.

Sandoli fractured Lower Gallup perforated intervals 5982'-6002' (Perf. 4 in./ft.) with 48,426 gals. lease crude and 50,000# sand. Breakdown pressure--2000 psi. Maximum treating pressure 2300 psi. Average treating pressure--2250 psi. Injection Rate: 50.0 bbls./min. Flush with 6,000 gals. lease crude. Dropped 40 perforation ball sealers one time.

August 12, 1960 Total Depth 5980'. Temporary Bridge Plug at 5840'.

Sandoli fractured Lower Gallup perforated intervals 5812'-5828' (Perf. 4 in./ft.) with 49,970 gals. lease crude and 42,000# sand. Breakdown pressure 1400 psi. Maximum treating pressure 2650 psi. Average treating pressure 2600 psi. Injection Rate: 46.0 bbls./min. Flush with 5,850 gals. lease crude. Dropped 42 perforation ball sealers one time.

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

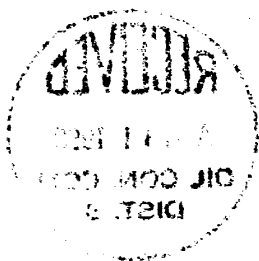
Company **El Paso Natural Gas Products Company**

Address **Post Office Box 1560**

Farmington, New Mexico

By **ORIGINAL SIGNED BY: VAN E. DYKES**

Title **Petroleum Engineer**



27.1.1960