



(SUBMIT IN TRIPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. **MM-06765**  
Unit **P**

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            | <b>Report on Remedial Work</b>             |

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

September 21, 19 61

Union-Federal  
Well No. **1** is located **660** ft. from **S** line and **660** ft. from **E** line of sec. **23**  
**SE 1/4 SE 1/4 of Sec. 23** **195** **30E** **MMN**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**South Benson-Yates** **Edgy** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3235** ft.

### DETAILS OF WORK

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

Daily production prior to workover: Approximately 32 barrels of oil, 3.55 barrels of water w/GOR of 200/1.

- 8/25/61 Pulled rods and tubing. Ran packer and set bridge plug at 1779' KDB. Loaded hole with crude oil. Sand-oil fractured perforations in Yates Sand from 1744' - 1758' with 12,000 gallons of crude oil slicked and 38,000# of 20 - 40 sand. Maximum pressure 3350#, minimum pressure 3000#, average injection rate 7.3 barrels per minute.
- 8/26/61 Pulled bridge plug and ran tubing and rods. Placed well on production. Recovered all lost oil used in fracture treatment.
- 8/30/61 Well produced at daily rate of 77.16 barrels of oil and 8.50 barrels of water with GOR of 150/1.

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

Company **G. W. Strake**

Address **P. O. Box 837**

**Winters, Texas**

By

Title

**C. A. Noto**  
**Prod. Supt.**