

FOWLER TUBB GAS POOL
LEA COUNTY, NEW MEXICO

GENERAL

The Fowler Tubb Gas Pool was discovered by the Pan American South Mattix Unit Well No. 14 located 1980' FSL and 1980' FWL of Section 15, T-24-S, R-37-E. This well was completed in July 1962 as a Fowler Paddock, Blinbry, Tubb triple completion. The Tubb formation was tested through six perforated intervals from 5936'-6115' with a CAOF of 2900 MCFPD of sweet gas. Prior to testing, the Tubb intervals were stimulated with a 2000 gallon acid treatment.

The discovery well is the only current completion in the Tubb formation within the Fowler area. This well is presently shut-in awaiting a pipeline connection which is anticipated to be completed by April 1, 1963. Pertinent data for the SMU No. 14 are attached.

STRUCTURAL INFORMATION

The Tubb structure is a doubly plunging assymmetrical anticline, the major axis of which trends northwest-southeast. The pay closure is approximately 150'.

CHARACTERISTICS OF THE RESERVOIR ROCK AND FLUID

The Fowler Tubb pay is defined as a tan to light brown finely crystalline dolomite interbedded with grey silty dolomite.

The Tubb gas is a sweet gas with a gravity of 0.75 and a condensate-gas ratio of 17 barrels per MMCF.

PERFORMANCE DATA

An original bottom hole pressure of 2018 psi was measured in the Fowler Tubb formation in the SMU Well No. 14 immediately after completion in October, 1962. The only production from this well has been that required to determine the CAOF potential and run the packer leakage test.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Pan Nm's EXHIBIT NO. <u>8</u>
CASE NO. <u>2742-2743-2744</u>

FOWLER TUBB FIELD
PAN AMERICAN SMU NO. 14

1980' FSL and 1980' FWL
Section 15, T-24-S, R-37-E

TD: 6403'

PBD: 6155'

Casing: 9 5/8" CSA 1068'

7" CSA 6403'

Triple Completion in Paddock, Blinebry, Tubb

Tubb Perf: 5936-39'

5943-46'

5955-58'

5970-76'

6090-93'

6112-15'

CAOF: 2900 MCFPD with 34 Barrels Distillate
Sweet Gas.

Stimulation: 2000 Gallons Acid

Date Completed: 7/16/62

Date Connected to Pipeline: Anticipated by April 1, 1963