

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS OFFICE OCC

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY **T.J. Sivley, Box 1200, Artesia, New Mexico**

(Address)

LEASE **Gulf State (E-855)** WELL NO. **1** UNIT **I S 55 T 17S R 35E**

DATE WORK PERFORMED **5/6/56** POOL **Undesignated**

This is a Report of: (Check appropriate block)

☒ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☒ Other **Logging & Perforating**

Detailed account of work done, nature and quantity of materials used and results obtained.

On 5/6/56 3400' of 14# and 1802' of 15.50# J-55 5-1/2" OD Seamless Casing was run to total depth of 4662', and cemented by Halliburton with 800 sacks of Poz-Mix Cement with 4% Cel, and 200 sacks of Neat cement on bottom making a total of 700 sacks. Plug down 1:00 A.M. 5/7/56.

At 12:00 Noon, 5/9/56 Cement was drilled out of pipe to bottom of Guide shoe, at 4661'. Shoe Not drilled. Test to 2500# for 30 minutes without pressure drop.

Lane Wells Gamma Ray Neutron logs run, and Depth corrected back to Ground Level of 4117'. Total Depth 4661 Feet. Interval from 4648' to 4628' was Perforated with 144 Bullets in the San Andres. Top ~~San Andres~~ San Andres 4606'

Tubing with Packer run to test perforations, and Rotary Rig released.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_

Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_

Perf Interval (s) \_\_\_\_\_

Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test

Oil Production, bbls. per day

Gas Production, Mcf per day

Water Production, bbls. per day

Gas-Oil Ratio, cu. ft. per bbl.

Gas Well Potential, Mcf per day

Witnessed by \_\_\_\_\_

(Company)

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name

Name

Title

Position

Date

Company **T.J. Sivley**

1. The first part of the report is a general introduction to the subject.

2. The second part is a detailed description of the methods used.

3. The third part is a discussion of the results.

4. The fourth part is a conclusion and a list of references. The conclusion states that the results of the study are in good agreement with the theoretical predictions. The references are listed in alphabetical order.

5. The fifth part is a summary of the work. It states that the work was carried out under the supervision of Dr. J. K. Smith, and that the results are being published in the Journal of Physics.