

TENNESSEE GAS AND OIL COMPANY

DIVISION OF TENNESSEE GAS TRANSMISSION COMPANY

P. O. BOX 1714 · DURANGO, COLORADO

RECEIVED July 12, 1960



Call 2046

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 371
Santa Fe, New Mexico

Dear Sir:

Subject: Pressure Interference Test and Transfer of Oil
Well Allowables
(USA) Glenn H. Callow No. 9 and No. 11, Totah Gallup Field,
Sec. 28, T29N, R13W, San Juan County, New Mexico ✓

We propose to conduct a bottom hole pressure interference test between the two subject wells in order that we might acquire additional data on the reservoir. To conduct this test, it will be necessary to shut-in the Glenn H. Callow No. 11 for a prolonged period of time for use as an observation well. The general procedure for conducting this test is shown on Attachment I. The shutting-in of the Callow No. 11 will result in the loss of the allowable oil production unless we can obtain an administrative approval from the New Mexico Oil Conservation Commission to transfer the Callow No. 11's oil allowable to another well on the lease. ✓

In order to obtain conclusive results from the interference test in a minimum amount of time, it would be advantageous to produce the Callow No. 9 at a maximum permissible rate. We request that the present oil allowable from the Callow No. 11 be transferred to the Callow No. 9 (for a period of 60 days) and that we be permitted to produce the Callow No. 9 at a maximum daily rate not to exceed the total of the combined oil allowables from the Callow No. 9 and No. 11.

The enclosed plat (Attachment II) shows the location of these two wells on Tennessee's Callow Lease and the location of the other producing wells in the field. The current oil allowables and producing gas-oil ratios for the Callow No. 9 and No. 11 are shown on

*Jackie
Milled*

*July 26, 1960
gpc*

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Attachment III.

We would appreciate the administrative approval of this proposal or your comments at an early date.

Very truly yours,

TENNESSEE GAS AND OIL COMPANY



L. B. Plumb

District Production Superintendent

JJL:ljr

Attachments

cc: R. M. Stephens
Emery Arnold, New Mexico Oil
Conservation Commission Supervisor,
1000 Rio Brazos Road
Aztec, New Mexico

BHP INTERFERENCE TESTS, TOTAH GALLUP FIELD

(USA) Glenn H. Callow No. 9 and No. 11

PROCEDURE

1. Recover free piston plungers from Callow No. 9 and No. 11.
2. Run sinker bar and check Gallup tubing for paraffin in both wells to insure that BHP bombs will reach maximum depth.
3. (a) Run BHP bomb and obtain flowing BHP in Callow No. 9 and No. 11.
(b) Shut-in both wells and obtain stabilized BHP and BHP build-up curves. (Obtain fluid gradients on all BHP measurements in order to extrapolate BHP to midpoint of perforations.)
4. Open up Callow No. 9 and produce well at maximum allowable rate permitted by NMOCC.
5. Obtain shut-in DIF on Callow No. 11 and Flowing BHP on Callow No. 9 at intervals specified by Engineering Dept.

(Note: Gas-Oil ratio tests will be taken weekly on the Callow No. 9 during the duration of interference test.)

TOTAH GALLUP FIELD

Operator	Well	July, 1960, Allowable	Producing GOR & Date of Test
Tennessee	Callow No. 9	90 BOPD	923 ft ³ /Bbl. 2/24/60
Tennessee	Callow No. 11	94 BOPD	539 ft ³ /Bbl. 2/27/60