E. W. OLSON
PETROLEUM COUNSELOR
320 DENVER ST.
STERLING, COLORADO

February 4, 1954

Mr. Kenneth Smith
Box 9338
Fort Worth 7, Texas

W.F.

Dear Sir:

You will find attached data and graph pertaining to your Tribelhorn #1 well in Logan County, Colorado.

The data was obtained in a similar manner to that taken on your State #1 and Giacomini #1 wells. That is, several flow rates were measured with the bottom hole pressure bomb stationary at 4429 feet from the surface. The two higher rates of flow formed ice in the flow line as well as the measuring equipment, therefore, there could be a slight error in the rate of flow measured. However, it is my opinion the error would be less than five per cent and should not be too serious.

The Kansas-Nebraska Gas Company is in the process of installing their gathering line and equipment to this well. It is their belief the well should be tied in and be ready to produce by February 15.

Yours very truly,

E. W. Olson

EWO:co

cc: Thomas C. Hiestand
Denver, Colorado

Thomas Swanson
Sterling, Colorado

☐ JOHNSON ☐ COOPER
☐ COFFEY ☐ FALLWELL
☐ SCHOUTEN ☑ SMITH
☐ CRAWFORD ☐ CARR
☐ CHURCHILL ☐ GILL
☐ ZETHRAEUS ☐ FILE
REC'D FEB 8 1954 F. K. J.
REMARKS:

OPEN FLOW TEST

F. Kirk Johnson
Tribelhorn #1
Logan County, Colo.

Date of Survey
January 30, 1954

Tubing psi	Casing psi	Orifice size	Rate mcf	Psi at sand	$P_f^2 - P_s^2$
1026	1045	Shut in		1172	1,373,580
925	1005	8/64	280	1120	119,180
775	880	16/64	1,630*	971	431,000
600	735	24/64	2,540*	801	732,000

* Considerable amount of water was produced at the two higher rates.

All subsurface pressures were taken with Amerada bomb #10593 placed at 4429 feet below the well head.

The maximum bottom hole temperature was 174 degrees fahrenheit.