

drillers

00090

County Clinton

		.	

sec. 35 T. 55 R. 32

Owner Arrows O & G

Elev. 938 MGS# _____

Farm Bricker No. 2 TD 500 Shows gas Splis. _____

Status OKA Date Completed 8-14-30 Fm@TD P

Remarks:

South Plattsburg field
AR004

Producing Horizons (3 zones)

- Lexington coal horizon, Labette Formation, Marmaton Group, Desmoinesian Series, Pennsylvanian System.
- Bandera Quarry Member, Bandera Formation, Marmaton Group, Desmoinesian Series, Pennsylvanian System.
- Englevale Member, Labette Formation, Marmaton Group, Desmoinesian Series, Pennsylvanian System.

Nature of Trap

This structural trap is a small dome with north-northeast elongation. Initial flow of 800,000 ft³ and 1,175,000 ft³ of gas encouraged closely spaced drilling.

Thickness, Lithology, and Continuity of Reservoir

Producing sand of the Bandera and Labette Formations are believed to be channel sands. The quartz sand grade from fine silts at the top to coarse sand at the base of the reservoir. Porosity and permeability are affected by lateral changes in the amount of shale and calcareous cements. The producing shale is gray to black and acts as a cap over the Englevale Member, and represents a shallow-water low energy environment.

Estimated Ultimate Yield

By 1938, close-spaced drilling of the field rapidly exhausted reserves; therefore an estimate of ultimate yield is not available.

Market for Gas

The gas produced was used by individuals for home heating and five wells remain in service.

South Plattsburg Field Data

<u>Well Name</u>	<u>Contractor</u>	<u>Date Completed</u>	<u>Initial Production</u>	<u>Oil/Gas Shows</u>
Porter #1	East-West Oil	07/28/30	90,000 ft ³	
Bricker #1	Arrow Oil & Gas	08/02/30	1,175,000 ft ³	
Bricker #2	Arrow Oil & Gas	08/14/30	D&A	Gas
Bricker #3	Arrow Oil & Gas	08/25/30	60,000 ft ³	Oil
Bricker #4	Arrow Oil & Gas	1931		Oil/Gas