

11-31
SAMUEL GARY, JR. & ASSOCIATES, INC.
SELZER 16-15

16-34-20W
API: 15-033-20850

DRILL STEM TEST #1

Halliburton ran conventional open hole test of Mississippian.

DATE OF TEST: April 11, 1992

TEST INTERVAL: 5138'-5152'

PRESSURES & TIMES:

Initial Hydrostatic:	2433 psi		
Initial Flow:	29 psi to 48 psi	15 min	
Initial Shut-in:	1889 psi	30 min	
Final Flow:	10 psi to 19 psi	80 min	
Final Shut-in:	1908 psi	190 min	
Final Hydrostatic:	2433 psi		

RECOVERY: 10 ft of drilling mud.

SAMPLER: 28 psi 0.210 cu. ft. gas
0 cc oil
0 cc mud
0 cc water

BLOW: Tool opened with weak blow. Blow to bottom of bucket in 2 minutes. Tool reopened with strong blow. Gas to surface in 10 min, 20.7 MCFPD; 25.0 MCFPD at 20 min; 27.0 MCFPD at 30 min; 29.0 MCFPD at 40 min; 29.9 MCFPD at 50 min; 30.8 MCFPD at 60 to 80 min.

TEMPERATURE: 117°F at 5147'.

REMARKS: Gas specific gravity = 0.6113
1049 Btu/Cu Ft

RECEIVED
STATE CORPORATION COMMISSION
JUN 12 1992
CONSERVATION DIVISION
Wichita, Kansas

SAMUEL GARY, JR. & ASSOCIATES, INC.
SELZER 16-15

DRILL STEM TEST #2

Halliburton ran straddle test of Viola.

DATE OF TEST: April 19, 1992

TEST INTERVAL: 6100-6175'

PRESSURES & TIMES:

Initial Hydrostatic:	2901 psi	
Initial Flow:	337 psi to 1000 psi	18 min
Initial Shut-in:	2128 psi	30 min
Final Flow:	1019 psi to 2004 psi	90 min
Final Shut-in:	2071 psi	180 min
Final Hydrostatic:	2823 psi	

RECOVERY: 60 ft of drilling mud, 140' of gas cut mud, and 3,980' of gas cut saltwater.

SAMPLER:	28 psi	1.637 cu. ft. gas
	75 cc oil	3464 scf/stb gor
	trace mud	
	2250 cc water	

BLOW: Tool opened with good blow. Strong blow from bottom of bucket in 50 seconds. Gas to surface on initial shut-in in 7 minutes. Tool reopened with good blow.

<u>Time</u>	<u>Pressure</u>	<u>MCFPD</u>
10 min	15 psi	44
20	13	41
30	10	37
40	6	30
50	6	30
60	4	28
70	3.5	27
80	3.5	27
90	3.5	27

Flow rates on 1/4" choke.

TEMPERATURE:

REMARKS: Gas specific gravity = 0.928
955 Btu/Cu Ft