

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY

INDEPENDENCE, KANSAS

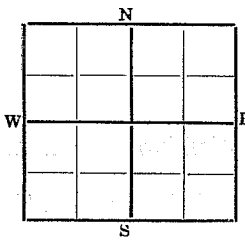
LOG OF WELL

Company Foster Investment Co. Farm Haufler Well No. #1
Centre NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ E
 State Kansas County Osage S. 08 T. 16 R. 17 W
 Commenced Drilling 6-3-23 Completed 10-23-23 Elev. _____
 Shot _____ Qts. from _____ to _____ I. P. DRY R. P. _____
 Casing: 10" 60' Casing: 8 $\frac{1}{4}$ " 1004' Casing: 6-5/8" 1405'
 Casing: _____ Casing: _____ Casing: _____
 Tubing _____ Caged at _____ Packer at _____

Contractor		
Soil spudding in	40	Shale & Lime 1780
Lime hard	80	Shale and lime 1820
Lime hard	110	Shalw & lime 1850
Lime	125	Lime & Water 1860
Lime hard	150	Water Sand 1880
Shale light	300	Total Depth 1890
Shale	450	
Lime	480	
Lime	550	
Shale	575	
Lime hard	610	
Lime hard	650	
Lime	720	
Lime	775	
Lime-water	850	
Shale	900	
Shale-water	920	
Shale	950	
Lime	975	
Shale	1000	
Lime	1011	
Lime	1025	
Shale	1075	
Shale & Lime	1125	
Shale	1175	
Shale-water	1275	
Shale and sand	1300	
Shale	1375	
Sand & Shale-water	1425	
Sand and shale	1430	
Lime	1450	
Lime-show of oil	1480	
Lime	1500	
Lime hard	1525	
Lime hard	1550	
Mississippi Lime	1575	
Lime	1600	
Lime	1700	
Lime-break	1760	

THIS IS MY (ALSO TOWN)
 THIS IS MY (PROPERTY)

LOCATION



.....Ft. from North Line of qr. sec.
Ft. from South Line of qr. sec.
Ft. from East Line of qr. sec.
Ft. from West Line of qr. sec.

TEST

Through	Pitot Tube Test of 192.....			 192..... Open Gauge Test Shows
	Used	Mercury	Water	
..... In. Tubing	Reading			
..... In Casing	Vol. Cu. Ft.			 Lbs.