

**GEOLOGICAL DEPARTMENT  
SOUTHWESTERN GAS COMPANY**

INDEPENDENCE, KANSAS

Company **Empire Gas and Fuel Company**

S. T. R. 23-31-10  
County Elk  
State Kansas  
Lease and Well No. Webb #2

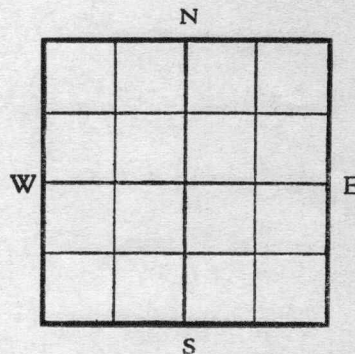
Contractor **Jones and Small**

Drilling Commenced **2/1/26**      Drilling Completed **2/24/26**

Initial Production **Dry and Abandoned**      Initial Rock Pressure

Location **990' E. and 300' N. W 1/16 cor. SE 1/4**

Casing **10"      418' 1" pulled**  
**8 1/4"      660' "**  
**6-5/8"      1331' 3" "**



**Driller's Record of Formations**

soil	6	shale	795
lime	11	lime soft	805
shale	20	500,000 cu. ft. gas at	798-805
lime	60	lime hard	915
shale	65	shale and lime shells	940
lime	68	shale	1130
shale	75	lime	1160
red rock	80	shale	1180
lime	85	lime	1225
shale	120	sand	1275
lime	140	H.F.W. at	1225-1275
shale	150	lime	1310
lime	155	shale black	1319
shale yellow	165	lime	1342
red rock	170	lime sandy	1355 T.D.
shale	240		
shale sandy	250	show of oil from	1342-53'
shale	255	water from	1353-55
sand	285	tested 1 bailer oil and	300'
6 blrs. water at	255'	water in	12 hrs.
shale	307		
lime	327		
shale	332		
lime	335		
shale	340		
red rock	350		
shale sandy	360		
H.F.W. 360'			
sand	385		
shale	407		
red rock	417		
shale	440		
lime	450		
shale	475		
H.F.W. at	475'		
sand	530		
shale	605		
lime	610		
shale	630		
lime	640		
sand	658		