FORM 105

GEOLOGICAL DEPARTMENT

SOUTHWESTERN GAS COMPANY 24-18-22E

INDEPENDENCE, KANSAS

LOG OF WELL

Company ..... Farm Billings Well No. #1

State Kansas County Maimi S. 24 T. 18 R. 22-E

NW Corner of the SW¼ of

Commenced Drilling ..... Completed ..... Elev. .....

Shot .....Qts. from ..... to ..... I. P. ..... R. P. .....

Casing: ..... Casing: ..... Casing: .....

Casing: ..... Casing: ..... Casing: .....

Tubing .....Caged at ..... Packer at .....

Contractor .....

Soil		1
Lime	1	7
Slate	7	17
Lime	17	22
Slate	22	32
Lime	32	95
Slate	95	100
Lime	100	133
Slate	133	138
Lime	138	165
Slate water black	165	167
Lime	167	195
Slate	195	347
Lime	347	371
Shale	371	398
Slate	398	408
Lime	408	412
Slate	412	444
Sand Water	444	447
Slate	447	451
Lime	451	455
Shale gas	455	459
Lime	459	476
Slate	476	500
Sand water	500	510
Slate	510	516
Slate	516	608
Sand	608	616-gas
Slate-water	616	630
Sand	630	658
Slate	658	695
Sand	695	705-water
Slate	705	780
Sand white	780	785
Slate	785	848
Flint lime	848	854