

CONFIDENTIAL

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY
INDEPENDENCE, KANSAS

22-13-23E

Company **E. L. Smith and Company**

S. T. R.
County
State
Lease and
Well No.

22-13-23
Johnson
Kansas
Keepers #2

Contractor **Smith and Company**

Drilling
Commenced

Drilling
Completed

1924

Initial
Production

Dry

Initial Rock
Pressure

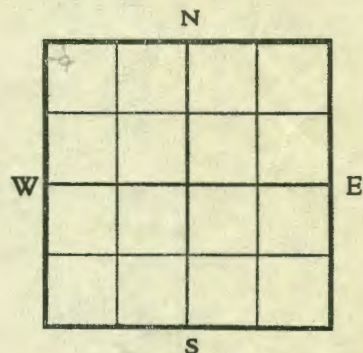
Location

NW corner

Casing

6"

453'



Driller's Record of Formations

shelly lime	8	8
gravel	6	14
shale blue	10	24
sand	10	34
shale blue	6	40
lime	64	104
shale blue	46	150
lime	8	158
shale dark	20	178
lime	9	187
shale light	6	193
lime	10	203
shale blue	20	222
lime	4	226
shale blue	3	229
lime	2	241
shale dark	3	244
lime	6	250
shale dark	2	252
lime	8	260
slate dark	4	264
shale blue	3	267
lime	21	288
shale black	4	292
lime	3	295
shale dark	4	299
lime	10	309
shale white	16	325
shale blue	60	385
shale light	50	435
red rock	10	445
shale white	16	461
lime	2	463
shale white	5	468
sand	2	470
shale white	10	480
shale blue	7	487
lime	4	491
shale white	3	494

lime	2	496
slate black	5	501
shale light	3	504
lime	6	510
shale white	8	518
shale dark	9	527
lime	5	532
slate black	6	538
shale white	9	547
lime	2	549
shale white	3	552
red rock	5	557
shale white	10	567
shale black	3	570
shale blue	14	584
shale white	6	590
sand	20	610
shale white	10	620
shale light	10	630