

26-32-54E
 PL

GEOLOGICAL DEPARTMENT
 SOUTHWESTERN GAS COMPANY

INDEPENDENCE, KANSAS

Gift of
 W. L. Stryker Estate
 State Geological Survey of Kansas
 1970

LOG OF WELL

SE NW NW

Company Farm Collings Well No. 1
 State Kansas County Cowley T. 32 R. 4
 Commenced Drilling Completed Elev.
 Shot Qts. from to I. P. dry R. P.
 Casing: Casing: Casing:
 Casing: Casing: Casing:
 Tubing Caged at Packer at

Contractor			
soil	3	shale	519
lime	13	lime shells	521
lime	38	shale	544
sand	88	lime	549
shale	98	shale	600
lime	108	lime	607
shale	115	shale	624
lime	130	sand	627
shale	138	shale	637
lime	143	lime	647
shale	150	shale	687
lime	160	lime	690
sand	168	shale	702
water sand	178		
shale	196		
lime	204		
sand	220		
soapstone	228		
limestone	230		
shale	233		
lime	275		
shale	280		
lime shells	282		
shale	285		
lime	290		
shale	300		
lime	325		
shale	350		
lime	352		
shale	382		
sand	392		
shale	394		
sand	402		
lime	412		
shale	436		
shale	447		
lime	452		
sand	459		
lime	499		

Plugged at 702 Feet.
 first fresh water at 70'
 second fresh water at 170'
 first salt water at 355' in
 red shale second salt water at
 422'

002480

BOURDETTE DEVELOPEMENT CO.

No. $\frac{1}{2}$ of the NW $\frac{1}{4}$ -26-32-4.LOG.

Soil	3	3
Lime (water)	10	13
Lime (blue)	25	38
Sand (white)	50	88
Shale (pink)	10	98
Lime (pink)	10	108
Shale (blue)	7	115
Lime (blue)	15	130
Shale (pink)	8	138
Lime	5	143
Shale (blue)	7	150
Lime (white)	10	160
Sand (white)	8	168
Water sand	10	178
Shale (pink)	18	196
Lime (white)	8	204
Sand (blue)	16	220
Soapstone	8	228
Limestone	2	230
Shale (black)	3	233
Lime (white)	42	275
Shale (white)	5	280
Lime shale	2	282
Shale (pink)	3	285
Lime shale	5	290
Shale (light)	10	300
Lime (white)	25	325
Shale (pink)	25	350
Lime (blue)	2	352
Shale (pink)	30	382
Sand (white)	10	392
Shale (blue)	2	394
Sand (gray)	8	402
Lime (white)	10	412
Shale (blue)	25	437
Shale (red)	10	447
Lime (white)	5	452
Sand (brown)	7	459
Lime (white)	40	499
Shale (blue)	20	519
Lime shale	2	521
Shale (blue)	23	544
Lime	5	549
Shale (white)	21	570
Shale (blue)	30	600
Lime (white)	7	607
Shale (blue)	17	624
Sand	3	627
Shale (blue)	10	637
Lime	10	647
Shale (blue)	40	687
Lime on sand shale	3	690
Shale (blue)	12	702

Plugged at 702 feet.

First fresh water at 70 feet.

Second fresh water at 170 feet.

First salt water at 355 feet in red shale.

Second salt water at 442 feet.

T. M. FARMER.