

Plotted by Herbert Johnson 22-12-23 E

Company
Farm Jim Coker

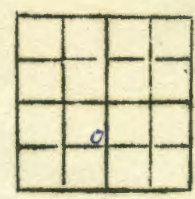
Sec. 22 T. 12 R. 23 E
Loc. SE NE SW

No. 1

County Johnson

Total Depth 682'
Comm.
Shot or Treated
Contractor Earl Smith
Issued

Comp.



Casing
20 in. 10 in.
15 1-2 8 1-4
12 1-2 6 5-8
13 3-8 5 3-1.6

Elevation 1020

Production

Figures Indicate Bottom of Formation

Surface	6'	Sand gas	395
Gravel sand & lime	22	Blue shale	412
Lime	25	Sand	420
Light shale	34	Blue shale	424
Lime	44	White shale	432
Shale	46	Red rock	435
Lime	52	Light shale	470
White shale	66	Lime	474
Lime	70	Blue shale	486
Blue shale	74	Black slate	492
Lime	87	Lime	496
Dark shale	90	Sand	501
Lime	105	White shale	507
Dark shale	109	Dark shale	515
Lime	115	Lime	520
Blue shale	160	Dark shale	528
Lime	167	Lime	534
Dark shale	174	White shale	546
White shale	185	Dark shale	550
Lime	194	Red rock	556
Black slate	199	Light shale	564
Blue shale	206	Lime	567
Lime	210	Black slate	572
Blue shale	224	White shale	578
Black slate	228	Dark shale	586
Black slate	231	Sand gas	596
Lime Fatie	241	White shale	628
Dark shale	244	Lime shell	651
Lime Fatie	262	Dark shale	661
Black slate	267	Top of sand	682
Lime	289		
Black shale	293		
Dark shale	299		
Lime	305		
Lime	308	Hertha	
White shale	318		
Sand gas	328	Knudtown	
Light shale	353		
Dark shale	380		

Ft Scott

Squirrel

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY
 INDEPENDENCE, KANSAS

Company **Dunbar and Shea**

S. T. R. **22-12-23**
 County **Johnson**
 State **Kansas**
 Lease and Well No. **Color #1**

Contractor **Smith**

Drilling Commenced

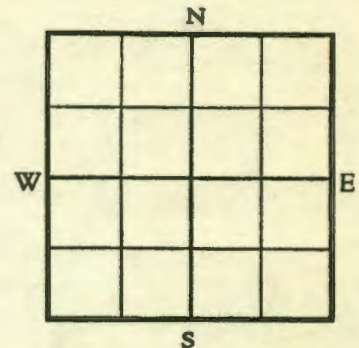
Drilling Completed **1924**

Initial Production

Initial Rock Pressure

Location **300' W. and 700' S. of NE corner of 25 $\frac{1}{2}$ of 5W $\frac{1}{2}$.**

Casing **6 $\frac{1}{2}$ " 561'**



Driller's Record of Formations

surface	0	0	shale dark	27	300
gravel, sand & lime			sand gas	15	306
lime	16	22	shale blue	17	412
shale light	3	25	sand	3	420
lime	9	34	shale blue	4	424
shale	10	44	shale white	8	432
lime	2	46	red rock	3	435
shale white	6	52	shale light	55	470
lime	14	66	lime	4	474
shale blue	4	70	shale blue	12	486
lime	4	74	slate black	6	492
shale dark	13	87	lime	4	496
lime	3	90	sand	5	501
shale dark	15	105	shale white	6	507
lime	4	109	shale dark	8	515
shale blue	6	115	lime	3	520
lime	45	160	shale dark	8	528
shale dark	7	167	lime	6	534
shale white	7	174	shale white	12	546
lime	11	185	shale dark	4	550
slate black	9	194	red rock	6	556
shale blue	5	199	shale light	8	564
lime	7	206	lime	3	567
shale blue	4	210	slate black	5	572
lime	14	224	shale white	6	578
shale black	4	228	shale dark	8	586
lime	3	231	sand gas	10	596
shale dark	10	241	shale white	32	628
lime	3	244	lime shell	3	631
slate black	13	257	shale dark	30	661
lime	5	262	sand	21	682
shale black	22	284			
lime	4	288			
shale dark	2	290			
lime	4	294			
shale white	9	303			
sand gas	10	313			
shale light	10	323			