

30-13-23E

Company

Sec. 30 T. 15 R. 23
Loc, NE¹/₄ SW SW

Farm H. Robinson

No. 1

Total Depth 740'

County Johnson

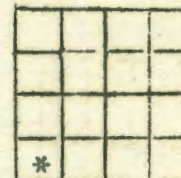
Comm.

Comp.

Shot or Treated

Contractor Earl Smith

Issued



Casing

20 in.	10 in.
15 1-2	8 1-4 12'
12 1-2	6 5-8 442'
13 3-8	5 3-16

Elevation 1019

Production

Figures Indicate Bottom of Formation

Surface		4'	Shale & sand	White	450'
Lime	Shell	10	Shale	light	460
Lime		17	Shale	Blue	470
S ^e	Dark sandy	19	Shale	Light	483
S ^e	Light	27	Lime		485
Lime		42	Sand	Gray	495
Shale	Light	60	Shale	Light	505
Lime		90	Lime		513
Shale	Blue	93	Shale	Blue	518
Lime		130	Lime		522
Shale	Blue	175	Shale	Dark	526
Lime		187	Lime		534
Shale	Dark	205	Shale	light	544
Lime		215	Shale	Dark	551
Shale	Light-	220	Lime		557
Mud	Blue	225	Slate	Black	561
Rock	Red	227	Shale	Blue	571
Lime		229	Lime		574
Shale	Dark	231	Rock	Red	584
Lj--		235	Shale	Blue	588
S ⁱ	Dark	248	Lime		590
Lime		250		Black	595
Shale	Light	252		Dark blue	615
Lime	Eaty	265	Shale	Light sandy	660
Lj--		280	Lime	Shell	665
S ⁱ	Black	286	Shale	Dark	705
Lime		312	Shale	White	725
Slate Black		316	Gas sand		740
Lime		318			
Shale	Dark	322			
Lime		330-335			
Shale	White	348			
Sand & gas		356			
Shale	Sandy	364			
Sand & gas		374			
Shale	Blue	442			

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY
INDEPENDENCE, KANSAS

30-13-236

Company E. L. Smith and Company

S. T. R. 30-13-23
County Johnson
State Kansas
Lease and Well No. H. Robinson #1

Contractor Smith and Company

Drilling
Commenced

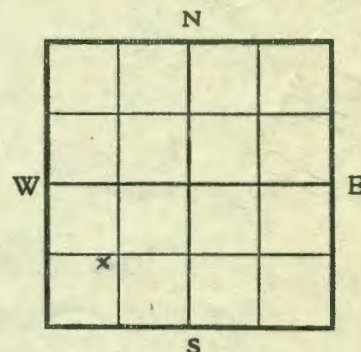
Drilling
Completed 1921

Initial
Production Gas

Initial Rock
Pressure

Location NE corner of SW $\frac{1}{4}$ of SW $\frac{1}{4}$

Casing 8" 12'



Driller's Record of Formations

surface	4	4	shale blue	10	470
lime shell	6	10	shale light	13	483
lime	7	17	lime	2	485
shale dark sandy	2	19	sand	10	495
shale light	8	27	shale	10	505
lime	15	42	lime	8	513
shale light	18	60	shale blue	5	518
lime	30	90	lime	4	522
shale blue	3	93	shale dark	4	526
lime	37	130	lime	8	534
shale blue	45	175	shale light	10	544
lime	12	187	shale dark	7	551
shale dark	18	205	lime	6	557
lime	10	215	slate black	4	561
shale light	5	220	shale blue	10	571
mud blue	5	225	lime	3	574
red rock	2	227	red rock	10	584
lime	2	229	shale blue	4	588
shale dark	2	231	lime	2	590
lime	4	235	shale black	5	595
shale dark	13	248	shale blue	20	615
lime	2	250	shale sandy	45	660
shale light	2	252	lime shell	5	665
lime	13	265	shale dark	40	705
lime	15	280	shale white	20	725
slate black	6	286	gas sand		
lime	26	312			
slate black	4	316			
lime	2	318			
shale dark	4	322			
lime	13	335			
shale white	13	348			
sand & gas	8	356			
shale sandy	8	364			
sand and gas	10	374			
shale blue	68	442			
shale & sand	8	450			
shale light	10	460			