

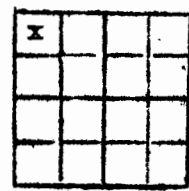
33-15-24
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Company
Farm R. R. Crawford No. 1

Sec. 33 T. 15 R. 24
Loc. NW c. NW

Total Depth 1791'
Comm. 5-23-27 Comp. 8-11-27
Shot or Treated
Contractor Earl Smith
Issued

County Miami



Casing
20 in. 10 in. 363'
15 1-2 8 1-4 976'
12 1-2 6 5-8 1533'
13 3-8 5 3-16

Elevation 16700 10

Production

Figures Indicate Bottom of Formation

Soil 8'
Shale 19
Lime 34
Shale 60
Lime 68
Shale 83
Lime 130
Shale 145
Lime 163
Shale 200
Lime 225
Shale 250
Lime 265
Shale 280
Lime 308
Shale 312
Lime 335
Shale 345
Lime 357
Shale 387
Sandy shale 400
L. shale 468
Sand 480
Sand L. shale 520
D. Shale 535
L. shale 570
Lime 572
Shale 592
Lime 595
Shale 635
" 668
D. Shale 715
Shale 785
D. shale 800
L. shale 820
D. shale 855
L. shale 895
D. shale 920
Salt sand & water 1045
Blue shale 1080

Burgers sand 1086
Miss. Lime 1415
Broken Lime & sand 1434
Shale 1441
Sand & Water 1465
Lime 1508
Shale 1540
Dark shale 1548
Sand & Water 1560
" " 1585
Lime 1770
Shale 1774
Lime 1791

Pipe pulled & Hole plugged

**GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY
INDEPENDENCE, KANSAS**

Company

S. T. R. 33-15-24
County Miami
State Kansas
Lease and Well No. #1 R. H. Crawford

Contractor

Drilling Commenced

Drilling Completed

Initial Production

Dry Hole

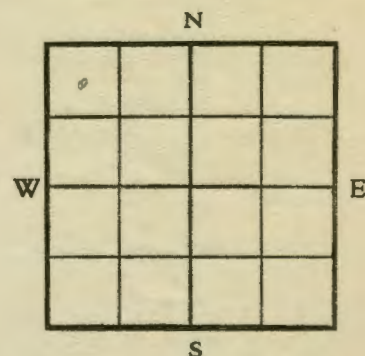
Initial Rock Pressure

Location

NW corner of Sec.

Casing

12 ^{1/2} "	19'
10 ^{3/4} "	363'
8 ^{1/2} "	975'
6-5/8"	1533'



Driller's Record of Formations

soil	7	7	black shale	35	1080
shale	12	19	sand Burgess	6	1086
lime	15	34	lime top of Miss.	19	1105
shale	26	60	lime	35	1140
lime	8	68	lime	275	1415
shale	15	83	lime broken top of		
lime	45	138	second break		1434
shale	15	153	shale	7	1441
lime	10	163	sand	24	1465
shale	37	200	lime	43	1508
lime	25	225	shale	32	1540
shale	25	250	dark shale	8	1548
lime	15	265	sand	12	1560
shale	15	280	sand	35	1585
lime	28	308	lime	175	1770
shale	4	312	shale	4	1774
lime	23	335	lime	11	1785
shale	10	345	lime	6	1791
lime	12	357			
light shale	30	387			
sandy shale	13	400			
light shale	68	468			
sand	12	480			
light shale	40	520			
dark shale	15	535			
light shale	35	570			
lime	2	572			
shale	20	592			
lime	3	595			
shale	40	635			
shale	33	668			
dark shale	47	715			
shale	70	785			
dark shale	15	800			
light shale	20	820			
dark shale	35	855			
light shale	40	895			
dark shale	25	920			
sand	125	1045			