

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY
INDEPENDENCE, KANSAS

13-31-15E

Company Trees Oil Company

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

13-31-15
Montgomery
Kansas
Peters #1
Ida West.

Contractor (Carber) J. E. Goens

Drilling
Commenced

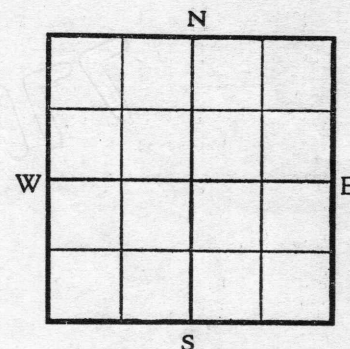
Drilling
Completed Nov. 10, 1924.

Initial
Production

Initial Rock
Pressure

Location

Casing



Driller's Record of Formations

soil	1	lime	792
clay	35	shale	831
shale	45	lime	833
lime	50	shale	897
shale	52	lime	903
lime	67	shale	945
shale	117	shale dark	950
lime	140	lime	953
shale	160	shale black	956
lime	245	lime	964
shale	248	shale	972
lime	258	lime	975
shale	303	shale sandy	1100
lime	328	shale black	1152
shale	333	lime Miss.	1210
lime	341	lime "	1408 SL
shale	376	shale light	1412
lime	381	lime hd. gray	1422
shale black	391	shale light green	1432
shale	401	lime	1452 H ₂ O
lime	440	Radium water.	
shale	455	Total depth	1454
lime pink	485		
shale	515		
lime	523		
shale sandy	560		
shale	595		
lime pink	620		
shale	640		
sand oil and gas	669		
shale	683		
lime Oswego	715		
shale	720		
lime	731		
shale black	734 water		
lime	750		
shale sandy	770		
lime	780		
shale	789		

Ida West Peters #1, Sec. 13-31-15 East, Montgomery County, Kansas
The Trees Oil Company SE NE

13-31-15E 13:13
13-31-15E
Plotted

Soil		0	1
Clay		1	35
Shale		35	45
Lime		45	50
Shale		50	52
Lime		52	67
Shale		67	117
Lime		117	140
Shale		140	160
Lime		160	245
Shale		245	248
Lime		248	258
Shale		258	303
Lime		303	328
Shale		328	333
Lime		333	341
Shale		341	376
Lime	hard	376	381
Slate	black	381	391
Shale	light	391	401
Lime		401	440
Shale	light	440	455
Lime	pink	455	485
Shale	light	485	515
Lime		515	523
Shale	sandy	523	560
Shale	light	560	595
Lime	pink	595	620
Shale	light	620	640
Sand - oil and gas		640	669
Shale	light	669	683
Lime Oswego	hard	683	715
Shale		715	720
Lime		720	731
Shale	black	731	734
Lime		734	750
Shale	sandy	750	770
Lime		770	780
Shale		780	789
Lime		789	792
Shale		792	831
Lime		831	833
Shale		833	897
Lime	hard	897	903
Shale	light	903	945
Shale	dark	945	950
Lime	hard	950	953
Shale	black	953	956
Lime		956	964
Shale	light	964	972
Lime		972	975
Shale	sandy	975	1100
Shale	black	1100	1152
Lime - Mississippi		1152	1408
Shale	light	1408	1412
Lime	hard, gray	1412	1422
Shale	light green	1422	1432
Lime		1432	1452
T.D.			1454

water, radium