

SAGAMORE OIL AND GAS COMPANY
INDEPENDENCE, KANSAS

16-13-23E

Company **Sagamore Oil and Gas Company**
Sagamore Oil & Gas Co.

S. T. R. 16-13-23
County **Johnson**
State **Kansas**
Lease and Well No. **Well #1**
Johnson Best copy

Contractor **Dr. Earl Smith**

9/11/35

Drilling Commenced **9/1/35**

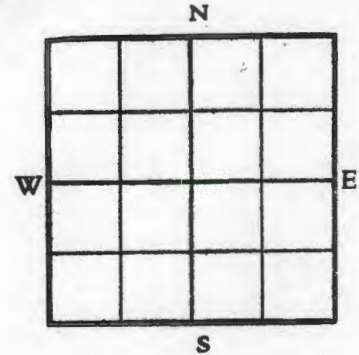
Drilling Completed **9/12/35**

Initial Production **gas well**

Initial Rock Pressure

Location **660' from S line, 660' from W line of Sec 24**

Casing **8 1/2" 10'6"**



Driller's Record of Formations

lime shale	6	8
yellow clay	4	10
lime	7	17
shale	10	27
lime	13	40
red rock	5	45
shale blue	19	64
lime	25	89
shale	1	90
lime	28	118
shale blue	40	157
lime	5	162
shale	1	163
lime	4	167
shale	20	187
lime	7	204
shale blue	6	210
red rock	5	215
lime	19	234
shale	2	236
lime	2	238
shale	4	242
lime	2	244
shale	2	246
lime	20	266
shale	5	270
lime	21	291
shale	5	296
lime	3	300
shale	5	304
lime	4	308
shale	1	311
shale	25	337
sand	15	350
sand	20	370
sandy shale	2	372 T.D.

324 325 starting 6' long

16-13-23 E

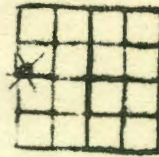
UNION GAS SYSTEM, INC.
Kroll No. 1.

SEC. 16 T. 13 R. 23E
SWo NW

Total Depth. 391'6"
Comm. 9-7-35 Comp. 9-11-35
Shot or Treated.
Contractor. Earl Smith
Issued. 3-26-38

County. Johnson

MAR 28 1938



CASING:

8 $\frac{1}{4}$ " 10'6"

Elevation.

Production. 46,000 G.

Figures Indicate Bottom of Formations. R.P. 102#

lime shales	6	sand coarse	385
clay yellow	10	43 M.G. 385	
limo	17	sand coarse	386 $\frac{1}{2}$
shale	27	52 M.G. 386 $\frac{1}{2}$	
lime	40	sand medium	388
red rock	45	46 M.G. 388	
shale blue	64	sand	389'6"
lime	89	sand shale	391'6"
shale	90	44 M.G. 391'6"	
lime	118	Total Depth.	
shale	167		
lime	172		
shale	173		
lime	177		
shale	197		
lime	204		
shale blue	210		
red rock	215		
lime	244		
shale	246		
lime	248		
shale	252		
lime	254		
shale	256		
lime	285		
shale	290		
lime	311		
shale drk	316		
little gas 2 M.G.	311-16		
lime	319		
shale	324 SIM		
325 string 6" long			
lime	330		
shale	357		
reduced hole at	331		
sand & shalo	370 SIM		
sand line 1' long			
sand	373		
gas at 375 1st show			
sand	382 $\frac{1}{2}$		
gas at 382 $\frac{1}{2}$ 7 M			