

GEOLOGICAL DEPARTMENT  
UNION GAS CORPORATION  
INDEPENDENCE, KANSAS

10-31-106

Company John Croft, Moline, Kansas.

S. T. R. 10-31-10  
County Elk  
State Kansas  
Lease and Blk. 47  
Well No.

Contractor Same

Drilling Commenced 10/1/28

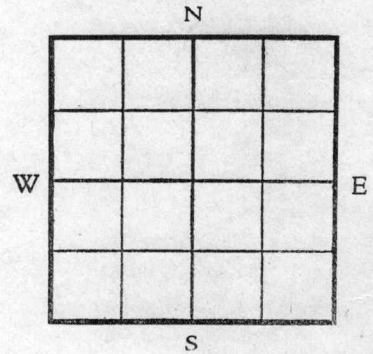
Drilling Completed

Initial Production

Initial Rock Pressure

Location Moline Town Lot #47

Casing 10" 560'



Driller's Record of Formations

	lime	20	86	shale	1110
10	shale	30	2	lime	1112
60	lime	90	18	shale	1130
5	shale	95	20	sand	1150
9	red rock	104	35	lime	1185
8	lime	112	18	shale	1203
33	shale	145	12	lime	1215
10	lime	155	6	shale sandy	1221
10	shale	165	4	lime	1225
10	lime	175	70	shale	1295
20	shale	195	35	lime	1330
10	lime	205	15	black shale	1345
15	shale	220		oil 1350-1365, water	
10	lime	230		1375-1385 2 1/2 blr. per hr.	
20	shale	250	110	lime from 1285-	1395
10	lime	260	40	shale	1435
25	shale	285	50	shale	1485
20	lime	305	5 blrs. water		
40	shale	345	45	lime	1530
20	lime	365	20	shale	1550
5	shale	370	38	shale	1603
5	lime	375	37	lime	1640
5	red rock	380		showing oil 1670-1680	
30	lime	410	10	shale	1650
15	red rock	425	55	lime	1705
7	lime	432	7	shale	1712
58	shale	490	2	lime	1714
10	lime	500	166	shale	1880
10	shale	510	10	red rock	1890
35	sand	545	20-	shale	1910
100	shale	645	10	red rock	1920
5	lime	650	43	shale	1963
30	shale	680	5	Mississippi lime	1968
8	lime	688		oil sand	1968
122	shale	810			
160	lime	970			
48	shale	1018			
6	lime	1024			