

**GEOLOGICAL DEPARTMENT  
UNION GAS CORPORATION**

INDEPENDENCE, KANSAS

Company **Union Gas Corporation**

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

**34-28-17  
Wilson  
Kansas  
Mary L. Watt  
#5**

Contractor **Archie Newland**

Drilling  
Commenced

**July 4, 1929** Drilling **July 29, 1929**  
Completed

Initial  
Production

**Oil well Flugged**

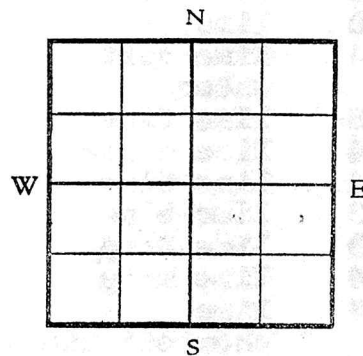
Initial Rock  
Pressure

Location

**660' S. and 660' W. of NE corner  
of NW<sup>1</sup>/<sub>4</sub>**

Casing

**8 1/2" 63' pulled  
6" 322' "  
4-7/8" 1190' "**



**Driller's Record of Formations**

2	soil	2	3	lime brown	514
8	yellow clay	10	4	shale sandy	518
3	lime	13		gas 18,000	
12	shale blue	25	15	shale brown	561
10	gravel	35	12	shale white	573
15	shale blue	50	10	shale brown	592
10	lime	60		gas from 589-592	
9	shale	69		30,000	
3	lime	72	18	lime	610 SLM
10	shale	82	7	shale black	617
30	sandy shale	112		little gas	
3	lime	115	8	lime	625
4	shale blue	119	5	shale black	630
3	lime	122	5	lime	633
2	lime shells	124		show gas	
6	lime	130	11	shale	644
5	shells lime	135	8	sand gas	652
	show gas		6	shale	658
15	lime	150	12	sand dry	670
3	shale	153		1 blr. water per hr.	
10	lime black	163			
22	lime white	185	25	shale dark	695
3	shale	188	10	shale light	705
1	shale	189	30	shale light	735
8	lime	197	15	shale	750
36	shale light	233	6	sand dry	756
25	lime	258	50	shale dark	806
7	shale	265	20	shale light	825
55	lime	318	40	shale dark	866
27	shale dark	345	20	shale light	886
25	shale light	370	14	shale dark	900
10	shale dark	380		little gas 370-388, 14,000	
8	lime	388	20	shale light	920
15	lime shells	403	10	shale dark	930
12	shale sandy	415		30,000 gas 954	
10	sand dry hard	425	71	shale dark	1001 SLM
15	shale sandy	440	9	lime chat	1010
20	shale black	460	10	lime chat	1020
51	shale dark & light	511	10	lime fine	1030 over

GEOLOGICAL DEPARTMENT  
UNION GAS CORPORATION

INDEPENDENCE, KANSAS

S. T. H.

Company

10	line white	1040
20	line fine	1060
5	line white	1065
14	line fine	1070
2	line	1081
3	line soft water	1084
6	line fine	1090
4	line white	1094
14	line blue	1100
13	line blue	1121
0	line hard	1120
4	line hard	1131
3	line	1136
show oil and water		
1	line hard	1157
13	line hard	1150
5	line hard fine	1155
10	line blue hard	1165
9	line fine	1174
10	line blue	1184
6	line blue	1190
S.L.M.		
8	line	1198
4	line fine hard	1202
8	line dark	1210
8	line fine white	1218
show oil and 6 blrs. water		
6	line dark soft	1224
6	line dark hard	1230
15	line fine hard	1245
5	line fine hard	1250
6	light line hard	1255
9	line hard fine	1265
6	line white	1271
3	line blue	1274
S.L.M.		
23	shale blue	1297
3	line dark	1300
4	line dark	1304
6	line fine	1310
light hard		
3	line	1313
5	shale blue	1318
3	shale black SLM	1321
6	sand dark	1327
2 bbls. oil showing of 16° Be., 25% B.S. and water. Sulphur water came in with oil		
14	line hard	1328 T.D.

Drilling  
Completed

Contractor

Initial  
Pressure

Initial  
Production

Location

Casing

Driller's Record of Formations

GEOLOGICAL DEPARTMENT

WELL LOG BUREAU — KANSAS GEOLOGICAL SOCIETY  
 412 UNION NATIONAL BANK BUILDING - WICHITA, KANSAS

34-28-17E

COMPANY

SEC. 34 T. 28 R. 17E.

FARM Watt

NO. 5

LOC. NW 1/4

TOTAL DEPTH 1328

COUNTY Wilson.

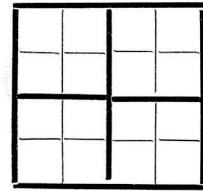
COMM.

COMP.

SHOT OR TREATED

CONTRACTOR

ISSUED



CASING

20	10	60'
15	8	345'
12	6	
13	5	

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATION

soil	2	shale	573
yellow clay	10	shale brown	592
lime	13	lime	610
shale	25	shale brown	617
gravel	35	lime	625
shale	50	shale	630
lime	60	lime	633
shale	69	shale	644
lime	72	sand dry	652
shale	82	shale	658
shy shale	112	sand dry	670
lime	115	shale	750
shale	119	sand dry	756
lime	122	shale	1001
show gas.		Gas at 954	
lime shells	124	miss lime	1010
lime	150	chat	1020
shale little wtr	153	lime	1275
lime	165	showing oil and	
shale more wtr	189	water 1084	
lime	197	show oil 1153	
shale	233	water 1157	
lime	258	shale	1297
shale water	265	lime	1313
lime	318	shale	1321
shale	345	sand	1326
shale	370	lime	1328
shale little			
gas	380		
lime	403		
shy shale	415		
sand dry	425		
shale shy	440		
shale	460		
shale	511		
lime brown	514		
		Total Depth.	
		shale	518
		lime	546
		shale brown	561