

GEOLOGICAL DEPARTMENT
UNION GAS CORPORATION
INDEPENDENCE, KANSAS

22-31-8E

Company **DENMAN BROS**

S. T. R. **22-31-8**
County **ELK**
State **KANSAS**
Lease and Well No. **NO 2 H.C. EWERS**

Contractor **Denman Tools**

Drilling Commenced **2/12/23**

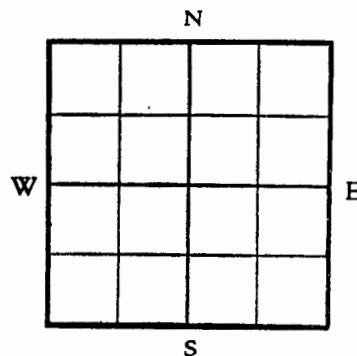
Drilling Completed **5/28/23**

Initial Production **3-Million**

Initial Rock Pressure

Location **3450' from S., 1350' from E.**

Casing **12 1/8 720**
10 820
8 1/4 1100
5 5/8 1400
5 3/16 1585



Driller's Record of Formations

Lime	15	Shale	835
Shale	20	Lime	850
Lime	30	Shale, dark	865
Shale	135	Shale, light	925
Lime	140	Sand, HFW @ 930	983
Shale, blue	200	Shale, break, covey	1040
Sand, gray, gas, water	215	Lime	1047
Shale, brown	225	Shale	1083
Shale, light	320	Shale, red	1105
Lime, gray	340	Shale	1115
Shale, light	380	Lime	1125
Lime, white	390	Shale	1230
Shale, light	447	Sand	1245
Sand, gray	459	Shale	1250
Shale, blue	480	Sand	1275
Lime, gray	487	Shale	1345
Shale, light	492	Lime	1355
Lime, gray	502	Shale	1370
Shale, light	532	Lime	1380
Lime, white	547	Shale	1390
Sand, gray, little water	570	Lime	1420
Shale, light	645	Shale	1430
Shale, red	660	Lime	1455
Shale, light	665	Sand	1465
Lime	680	Lime	1575
Shale, dark	685	Shale	1590
Lime, white	688	Lime	1610
Shale, light	695	Shale	1615
Lime, brown	745	Lime	1625
Shale, blue	765	Shale	1762
Shale, red covey	775	Lime	1767
Shale covey	785	Shale	1774
Lime	800	Sand	1782
Shale	825	Sand GAS, 3-million	1785
Lime	830	Sand, showed water	1787 Set 2' plug.

LOG OF DENMAN & EVERS - H.C.Evers #2 - Sect.22-31-8 - Elk County, Kans.
 Drilled by Denman Bros., Sedan, Kans. Begun 4/12/23. In 5/28/23.
 Location 3450 ft. from south line, 1350 ft. from east line of Sect.

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Lime		15	15	
Shale		5	20	
Lime		10	30	
Shale		105	135	
Lime		5	140	
Shale	blue	60	200	
Sand	gray	15	215	Gas. Little Water at 205
Shale	brown	10	225	
"	light	95	320	
Lime	gray	20	340	
Shale	light	40	380	
Lime	white	10	390	
Shale	light	57	447	
Sand	gray	12	459	
Shale	blue	21	480	
"	gray	7	487	
Shale	light	5	492	
Lime	gray	10	502	
Shale	light	30	532	
Lime	white	15	547	
Sand	gray	23	570	Water enough to drill with 560
Shale	light	75	645	
"	red	15	660	
"	light	5	665	
Lime		14	680	
Shale	dark	5	685	
Lime	white	3	688	
Shale	light	7	695	
Lime	brown	50	745	Cased 12½" at 720
Shale	blue	20	765	
"	red	10	775	Cavey
"		10	785	"
Lime		15	800	
Shale		25	825	Cased 10" at 820
Lime		5	830	
Shale		5	835	
"		15	850	
Shale	dark	15	865	
"	light	60	925	
Sand		58	983	Hole full Water at 930
Shale		57	1040	Well Caving Break in Sand
"		7	1047	
Shale		36	1083	
"	red	22	1105	Cased 8½" at 1100
"		10	1115	
Lime		10	1125	
Shale		105	1230	
Sand		15	1245	
Shale		5	1250	
Sand		25	1275	
Shale		70	1345	
Lime		10	1355	
Shale		15	1370	
Lime		10	1380	
Shale		10	1390	
Lime		30	1420	Cased 6-5½" at 1400
Shale		10	1430	
Lime		25	1455	
Sand		10	1465	

(over)

Line	110	1575	
Shale	15	1590	Cased 5-3/16" at 1585
Line	20	1610	
Shale	5	1615	
Line	10	1625	
Shale	137	1762	
Line	5	1767	
Shale	7	1774	
Sand	8	1782	
"	3	1785	Gas - Tested 3 Million
"	2	1787	Showed some salt water set lead plug 2 ft. long.