

KANSAS GEOLOGICAL SOCIETY
 KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
 KANSAS GEOLOGICAL SOCIETY BUILDING
 508 EAST MURDOCK - WICHITA, KANSAS

COPY

COMPANY **SHAWVER & SUTTER**

SEC. **1** T. **29** R. **4E**

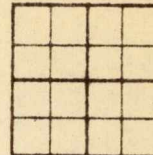
FARM **Guthrie** NO. **1**

LOC. **NW NW SE**

TOTAL DEPTH **3360**
 COMM. **8-20-22** COMP. **8-31-22**
 SHOT OR TREATED
 CONTRACTOR
 ISSUED

COUNTY **Butler**

KANSAS



CASING
 20 10 1450'
 15 1/2 295' 8 1/2 1780'
 12 1/2 980' 6 5/8 2550'
 13 5

ELEVATION **1308**

PRODUCTION **Dry**

FIGURES INDICATE BOTTOM OF FORMATIONS

soil	10	lime	1675
slate	20	slate	1695
red rock	40	red rock Cave	1700
slate	75	lime	1720
lime	175	slate	1740
slate	295	lime	1765
lime	340	slate Cave	1780
red rock	345	slate	1810
lime	425	sand	1835
red rock	430	lime sandy	1855
lime	470	slate	1950
slate	500	lime	2010
lime	550	slate	2020
slate, shell	625	lime	2150
slate	745	slate	2200
lime	755	lime	2205
slate	780	slate	2290
sand	795	lime	2380
slate	860	sand	2390
sand	890	lime	2520
slate	895	slate	2550
sand	940	lime	2555
slate	945	slate	2560
lime	955	lime	2570
slate	960	slate	2885
lime	980	lime	2890
slate	1030	slate	2910
lime	10 40	lime	2920
slate	1045	slate	2930
lime	1055	lime	3025
slate	1100	slate	3040
lime	1105	lime	3050
slate	1160	slate	3070
lime	1200	lime	3250
slate	1205	slate	3355
lime	1215	sand	3360
slate	1290	Total Depth	
lime	1335		
slate	1345	HF fresh water	110
lime	1375	4 BWPH salt	785
slate	1395	HF salt water	865
lime	1420	" " "	920
slate	1425	" " "	965
lime	1445	3 BWPH salt	1105
slate	1465	4 BWPH	1165
lime	1475	5 "	1745
slate	1485	1 BWPH	2385
lime	1500	Hole full salt	3360
slate	1525		
lime	1570		
slate	1635		

KC 2290
 1302
 -988

3355
 1302
 -2053

1-29-4
72:1

Elev 1309

1-29-4E

SHAWVER AND SUTTER - GUTHRIE # 1.

1-29-4, Butler Co.

Plotted



FORMATION	THICKNESS	TOTAL DEPTH
Soil	10	10
Slate	10	20
Red Rock	20	40
Slate	35	75
Lime	100	175
Slate	120	295
Lime	45	340
Red Rock	5	345
Lime	80	425
Red Rock	5	430
Lime	40	470
Slate	30	500
Lime	50	550
Slate & Shells	75	625
Slate	120	745
Lime	10	755
Slate	25	780
Sand	15	795
Slate	65	860
Sand	30	890
Slate	5	895
Sand	45	940
Slate	5	945
Lime	10	955
Slate	5	960
Lime	20	980
Slate	50	1030
Lime	10	1040
Slate	5	1045
Lime	10	1055
Slate	45	1100
Lime	5	1105
Slate	55	1160
Lime	40	1200
Slate	5	1205
Lime	10	1215
Slate	75	1290
Lime	45	1335
Slate	10	1345
Lime	30	1375
Slate	20	1395
Lime	25	1420
Slate	5	1425
Lime	20	1445
Slate	20	1465
Lime	10	1475
Slate	10	1485
Lime	15	1500
Slate	25	1525
Lime	45	1570
Slate	65	1635
Lime	40	1675
Slate	20	1695
Red Rock-Cave	5	1700
Lime	20	1720
Slate	20	1740
Lime	25	1765
White slate-cave	15	1780
Black Slate	30	1810
Sand	25	1835
Sandy Lime	20	1855

1-29-4E

Slate	95	1950
Lime	60	2010
Slate	10	2020
Lime	130	2150
Slate	50	2200
Lime	5	2205
Slate	85	2290
Lime	90	2380
Sand	10	2390
Lime	130	2520
Slate	30	2550
Lime	5	2555
Slate	5	2560
Lime	10	2570
Slate	315	2885
Lime	5	2890
Slate	20	2910
Lime very hard	10	2920
Slate	10	2930
Lime hard white	95	3025
Slate	15	3040
Lime	10	3050
Slate	20	3070
Lime Hard White	180	3250
Slate	105	3355
Sand	5	3360 Total depth

WATER.

Hole full fresh	110'
4 B.P.H. salt	785'
Hole full salt	865
Hole full salt	920
Hole full salt	965
3 B.P.H. salt	1105
4 B.P.H. salt	1165
5 B.P.H. salt	1745
1 B.P.H. salt	2385
Hole full salt	3360

CASING

RUN

PULLED

15½"	295'	15½"	295'
12½"	970	12½"	970
10"	1450	10"	1450
8½"	1780	8½"	1780
6-5/6"	2550	6-5/8"	2550

Underreamed 12½" casing 865' to 970'.
 10" casing collapsed two times underreamed 20' to shut off
 water after casing collapsed first time.

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY
 INDEPENDENCE, KANSAS

M

LOG OF WELL

Company..... Farm Guthrie Well No. 1
 State Kansas County Butler S. 1 T. 29 R. 4
 Commenced Drilling..... Completed..... Elev.....
 Shot..... Qts. from..... to..... I. P..... R. P.....
 Casing: 15 1/2" 295' Casing: 12 1/2" 970' Casing: 10" 1450'
 Casing: 8 1/4" 1780' Casing: 6 5/8" 2550' Casing:.....
 Tubing..... Caged at..... Packer at.....
 Contractor.....

soil	10	10	slate	5	1425
slate	10	20	lime	20	1445
red rock	20	40	slate	20	1465
slate	35	75	lime	10	1475
lime	100	175	slate	10	1485
slate	120	295	lime	15	1500
lime	45	340	slate	25	1525
red rock	5	345	lime	45	1570
lime	80	425	slate	65	1635
red rock	5	430	lime	40	1675
lime	40	470	slate	20	1695
slate	30	500	red rock Cave	5	1700
lime	50	550	lime	20	1720
slate and shells	75	625	slate	20	1740
slate	120	745	lime	25	1765
lime	10	755	white slate Cave	15	1780
slate	25	780	black slate	30	1810
sand	15	795	sand	25	1835
slate	65	860	sandy lime	20	1855
sand	30	890	slate	95	1950
slate	5	895	lime	60	2010
sand	45	940	slate	10	2020
slate	5	945	lime	130	2150
lime	10	955	slate	50	2200
slate	5	960	lime	5	2205
lime	20	980	slate	85	2290
slate	50	1030	lime	90	2380
lime	10	1040	sand	10	2390
slate	5	1045	lime	130	2520
lime	10	1055	slate	30	2550
slate	45	1100	lime	5	2555
lime	5	1105	slate	5	2560
slate	55	1160	lime	10	2570
lime	40	1200	slate	315	2885
slate	5	1205	lime	5	2890
lime	10	1215	slate	20	2910
slate	75	1290	lime very hard	10	2920
lime	45	1335	slate	10	2930
slate	10	1345	lime hard white	95	3025
lime	30	1375	slate	15	3040
slate	20	1395	lime	10	3050
lime	25	1420			