

15-35-2E

Arkansas River Gas Co. - S.15 T.35 R.2E  
C NW SW

P. A. Keefe Well No. 1.

Sumner Co. Gift of  
W. V. Stryker Estate  
State Geological Survey of Kansas  
1979

I.P.

Strata	Thickness	Depth.
shale white	20	20
sand grey hard	30	50
lime white hard	15	65
shale white soft	15	80
lime white hard	10	90
12 1/2" casing set at 80'		
shale	15	105
lime white	10	115
shale dark	10	135
lime white	15	150
shale dark	50	200
lime dark	10	210
shale dark	75	285
red rock	10	295
shale blue	10	305
sand white	25	330
shale dark	90	420
sand white 2 B.W. 430'	20	440
red rock	20	460
shale dark	25	485
lime white	20	505
shale dark	25	530
sand white	22	552
6 bailers water 540		
lime dark	3	555
10" casing set		
shale dark	15	570
lime white	20	590
shale dark	13	603
lime white	7	610
red rock	5	615
lime white	50	665
red rock	55	720
gas and water		
sand dark	15	735
2 bailers water at 730		
red rock	13	748
lime white	7	755
shale dark	55	810
lime white 8 1/4" 825'	24	834
shale dark	26	860
lime white	15	875
shale dark	65	940
lime white	5	945
shale blue	15	960
lime light	15	975
shale dark	35	1010
lime white	15	1025
shale dark	85	1110
lime white	5	1115
shale blue	35	1150
lime dark	10	1160
shale blue	5	1165
lime white	5	1170
shale dark	25	1195
lime white	5	1200
shale dark	25	1225
lime white	25	1250
shale blue	5	1255
lime white	15	1270
shale dark	10	1280
lime light	15	1295
shale blue	5	1300

Strata	Thickness	Depth.
red rock	5	1305
lime white	40	1345
sand white	15	1360
shale dark	30	1445
shale white	27	1472
6 5/8" casing set		1472
sand dark	10	1482
shale blue	3	1485
sand gas	12	1497

First gas showing 1485'  
Open flow capacity of well by  
test 90,000 cu ft  
First water 1493  
Well plugged back to 1488' with  
3-2' lead plugs and 3' iron boring  
10'4" perforated pipe for anchor  
at bottom  
packer 3' long.

Casing Record:  
12 1/2" 80' pulled  
10" 555' pulled  
8 1/4" 825' pulled  
6 5/8" 1472' pulled  
2" tubing 1474' left in

Arkansas River Gas Co.  
Sumner County, Kansas.  
Elev. 1161.

004457

*Duplicate*

GEOLOGICAL DEPARTMENT  
SOUTHWESTERN GAS COMPANY

INDEPENDENCE, KANSAS

LOG OF WELL

Company Arkansas River Gas Co. Farm Keefe, (P. A.) Well No. 1  
 State Kansas County Sumner S. 15 T. 35 R. 2E  
 Commenced Drilling \_\_\_\_\_ Completed \_\_\_\_\_ Elev. 1161  
 Shot \_\_\_\_\_ Qts. from \_\_\_\_\_ to \_\_\_\_\_ I. P. \_\_\_\_\_ R. P. \_\_\_\_\_  
 Casing: 12 1/8" 80' Casing: 10" 555' Casing: 8 1/4" 825'  
 Casing: 6-5/8" 1472' Casing: 2" 1474' Casing: \_\_\_\_\_  
 Tubing \_\_\_\_\_ Caged at \_\_\_\_\_ Packer at \_\_\_\_\_  
 Contractor \_\_\_\_\_

shale	20	shale	940
sand	50	lime	945
lime	65	shale	960
shale	80	lime	975
lime	90	shale	1010
shale	105	lime	1025
lime	115	shale	1110
shale	135	lime	1115
lime	150	shale	1150
shale	200	lime	1160
lime	210	shale	1165
shale	285	lime	1170
red rock	295	shale	1195
shale	305	lime	1200
sand	330	shale	1225
shale	420	lime	1250
sand	440- 2 b w	shale	1255
red rock	460	lime	1270
shale	485	shale	1280
lime	505	lime	1295
shale	530	shale	1300
sand	552- 6 b w	red rock	1305
lime	555	lime	1345
shale	570	sand	1360
lime	590	shale	1445
shale	603	shale	1472
lime	610		
red rock	615		
lime	665		
red rock	720		
gas & water	"		
sand	735- 2 b w.		
red rock	748		
lime	755		
shale	810		
lime	834		
shale	860		
lime	875		

15-35S-2E

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

COMPANY **ARKANSAS RIVER GAS CO.**

SEC. 15 T. 35 R. 2E

FARM **Keefe** NO. 1

LOC. **C NE SW**  
**660' FNE 660' FEL SWk**

TOTAL DEPTH **1497' FB 1488'**

COUNTY **Sumner**  
KANSAS

COMM. \_\_\_\_\_ COMP. \_\_\_\_\_

SHOT OR TREATED \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

ISSUED \_\_\_\_\_

CASING

20	10	<b>555'</b>
15	8	<b>825'</b>
12 $\frac{1}{2}$ <b>80'</b>	6 $\frac{1}{2}$	<b>1472'</b>
13	5	

ELEVATION \_\_\_\_\_

PRODUCTION **90,000 CFG.**

FIGURES INDICATE BOTTOM OF FORMATIONS

shale	20	lime	1345
sand	50	sand	1360
lime	65	shale	1400
shale	80	lime	1415
lime	90;	shale	1472
shale	105	sand	1482
lime	115	shale	1485
shale	135	sand	1497
lime	150	Total Depth	
shale	200		
lime	210	First gas showing 1485' open	
shale	285	flow capacity of well 90,000	
red rock	295	C.S. First water 1493'.	
shale	305	Well plugged back to 1488	
sand	330		
shale	420		
sand, W	440		
red rock	460		
shale	485		
lime	505		
shale, W	530		
sand	552		
lime	555		
slate	570		
lime	590		
shale	603		
lime	610		
red rock	651		
lime	665		
red rock	720		
sand	735		
red rock	748		
lime	755		
shale	810		
lime	834		
shale	860		
lime	875		
shale	940		
lime	945'		
shale	960		
lime	975		
shale	1010		
lime	1025'		
shale	1115		
shale	1150		
lime	1160		
shale	1165		
lime	1170		
shale	1195		
lime	1200		
shale	1225		
lime	1250	<del>XXXX</del>	
shale	1255		
lime	1270		
shale	1280		
lime	1295		
shale	1300		
red rock	1305		