



Company THREE WAY GAS CO. *(W. D. Samples to land)*

Address CLENDENIN, W. VA.

Farm DAVID R. KING

Tract _____ Acres 39 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 950

Quadrangle CLAY

County CLAY District UNION

Engineer PAUL E. JOACHIM

Engineer's Registration No. 669

File No. 82-65 Drawing No. _____

Date MARCH 3, 1951 Scale 1" = 400'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. CLAY-61-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

"IMPERIAL" TRACING CLOTH
K. & E. CO., N. Y.

THREE WAY GAS CO.

DAVID R. KING NO. 1 *(W. D. Samples to land)* - CLAY-61-A

Union District, Clay County, W. Va.

Koontz Oil & Gas Co.

Contractors, Lockwood and Curry.

Information by L. V. Koontz, Secy., Koontz O&G Co.

Elevation, 945' B.

Completed, Jan. 12, 1909.

10" casing, 20' 7"; 8", 445' (pulled); 6-5/8", 1632'.

1 Bottom hole lead packer.

4,000,000 cu. ft. of gas in Keener Sand.

	Top.	Bottom.	Thickness.
Gravel	0	8	8
Shell	8	10	2
Gravel	10	20	10
Sand, Upper East Lynn	20	140	120
Slate	140	145	5
Sand, Lower East Lynn	145	180	35
Coal, Lower Kittanning	180	185	5
Sand	185	200	15
Slate	200	220	20
Lime, black	220	235	15
Slate, black	235	250	15
Lime, sandy	250	320	70
Sand	320	335	15
Lime	335	350	15
Sand	350	380	30
Slate, black	380	385	5
Sand	485	410	25
Slate	410	435	25
Coal, Chilton	435	440	5
Slate	440	445	5
Sand	445	480	35
Slate	480	500	20
Sand	500	565	65
Slate	565	590	25
Sand	590	610	20
Slate, black	610	725	115
Lime	725	755	30
Slate	755	780	25
Sand, Rosedale Gas (show of oil, 817')	780	820	40
Slate	820	845	25
Lime, sandy	845	890	45
Sand	890	920	30
Slate	920	940	20
Lime	940	965	25
Sand, hard, Salt (top of Salt Sand, 962'; water, 1020-1070'; bottom of Salt Sand, 1275')	965	1080	115
Sand, Salt, soft	1080	1190	110
Lime and sand, Salt (bottom, 1275')	1190	1290	100
Broken	1290	1305	15
Pebbles	1305	1310	5
Sand, hard	1310	1415	105
Red rock	1415	1435	20
Shale	1435	1465	30
Lime, sandy	1465	1490	25
Lime, hard	1490	1540	50

(OVER)

D. R. KING NO. 1 WELL. (Continued).

	Top.	Bottom.	Thickness.
Sand, hard	1540	- 1566	26
Slate	1566	- 1578	12
Red rock	1578	- 1593	15
Little Lime	1593	- 1615	22
Pencil Cave	1615	- 1618	3
(Gas in Big Lime, 1660')			
Top of Big Injun (Keener) (gas, 1736'; 4,000,000 cu. ft. in Keener)	1725		
Bottom of sand		1750	
Red rock, to bottom	1750	- 1753	3

DAVID R. KING NO. 1 WELL.

Union District, Clay County, W. Va.
 By Valley Steel Products Co., St. Louis, Mo.
 Abandoned under permit Clay-61-A; Clay Quadrangle.
 On 39 acres, on Porters Creek.
 Elevation, 950' L.
 Drilling completed Jan. 12, 1909 (to 1753'). Deepened Jan. 1926 to 1804'.
~~Salt~~ Salt water, 1020-70 and 1180'.
 10" casing, 70'; 8½", pulled; 6⅝", Est., 1623'; 2" tubing, Est., 1400'.
 Coal was encountered at 180-185 and 435-440'.
 Gas well. Record to Dept. of Mines stamped March 6, 1951.
 Record to RCT from Lineberg Feb. 11, 1952. Old File No. 323.

	Top.	Bottom.
Gravel	0	8
Shell	8	10
Gravel	10	20
Sand	20	140
Slate	140	145
Sand	145	180
Coal	180	185
Sand	185	200
Slate	200	220
Black lime	220	235
Black slate	235	250
Sandy lime	250	320
Sand	320	335
Lime	335	350
Sand	350	380
Black slate	380	385
Sand	385	410
Slate	410	435
Coal	435	440
Slate	440	445
Sand	445	480
Slate	480	500
Sand	500	565
Slate	565	590
Sand and water	590	610
Black slate	610	725
Lime	725	755
Slate	755	780
Sand (oil show, 817')	780	820
Slate	820	845
Sandy lime	845	890
Sand	890	920
Slate	920	940
Lime	940	965
Salt Sand (salt water, 1020-70'; salt water, 1180', hole full)	965	1275
Lime and sand	1275	1290
Broken sand (pebbles, 1290-1305')	1290	1305?
Hard sand	1310?	1415
Red rock	1415	1435
Shale	1435	1465
Sandy lime	1465	1490
Hard lime	1490	1540
Hard sand	1540	1546

(OVER)

DAVID R. KING NO. 1 WELL (Continued).

	Top.	Bottom.
Hard sand	1546	- 1565
Slate	1565	- 1578
Red rock	1578	- 1593
Little Lime	1593	- 1615
Pencil	1615	- 1618
Big Lime	1618	- 1725
Big Injun Sand	1725	- 1750
Red rock	1750	- 1753
Total depth		1753

Drilled deeper in January 1926.
 Taken off 3'. Made hole when
 started to drill 1750'.

Red rock	1750	- 1757
Hard shell	1757	- 1761
Big Injun Sand	1761	- 1770
Red sand	1770	- 1804
Total depth		1804

Gas in Injun, 1761-69'; increased
 from 3/10 W. 2", 73 M., to 14/10 W.
 2", 158 M.

1804
 1753
 51