



New Location
 Drill Deeper
 Abandonment

FEB 11 1952

Company THREE WAY GAS CO. (Valley Head Products Co. (Revised) - Empire Nat. G. well)

Address CLENDENIN, W. VA.

Farm W. D. SAMPLES

Tract _____ Acres 96 1/2 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 887

Quadrangle CLAY

County CLAY District UNION

Engineer PAUL E. JOACHIM

Engineer's Registration No. 669

File No. 82-65 Drawing No. _____

Date JAN. 19, 1951 Scale 1" = 660'

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

WELL LOCATION MAP

FILE NO. CLAY-55-A

Was 70057 by 6/8/51

+ 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.

(964 ac) THREE WAY GAS CO. - (Valley Head Products Co. (Revised) - Empire Nat. G. well) - CLAY-55-A

Union District, Clay County, W. Va.
 By Valley Fuel Products Co., St. Louis, Mo. (Empire Petroleum Co. well).
 Abandoned under permit 107-35-1, Clay Quadrangle.

On 96 acres.
 Elevation, 887' L.
 Drilling completed about April 1908 (to 1648'). Suspended Oct. 1920 (to 2225').

Fresh water, 975 and 1110'.
 Salt water, 1125', hole full.
 1 1/2" conductor; 6" casing, 1630'; 2" tubing, 2225'.
 See well. Record to Sept. of Mine ~~at~~ stopped Jan. 12, 1951.
 Record to BOT from Linberg Feb. 11, 1952. Old file No. 317.

	Top.	Bottom.
Soil and gravel	0	8
Sand	8	930
Salt sand, hard	930	1195
Slate and shells	1195	1390
Marion sand	1390	1410
Lime and slate	1410	1500
Pencil Cove	1500	1510
Sig lime	1510	1555
Sand and lime	1555	1615
Sig Injun Sand (1st gas, 1619'; 2nd gas, 1635')	1615	1646
Total depth		1648
WELLS STOPPED OCTOBER 1920:		
Break in Sig Injun Sand	1646	1651
Sig Injun Sand (gas and oil, 1679-1695', small show)	1651	1695
Slate and shells	1695	2225
Total depth		2225

2225
 1648
 577' net sig

059 now 55-A

194

~~15-1589~~

Union District, Clay County, W. Va.

Keontz Oil & Gas Co.; Romont Oil Co.; Public Oil & Gas Co. (L.V. Keontz).

Lockwood and Currie, Contractors.

Completed, May 27, 1908.

Elevation, 847' L. (852' L.?; 836' ?)

13" conductor, 15'; 10" casing, 808; 8", 397'; 6-5/8", 1513';

2" tubing, 1723' 7"; anchor, 821'.

	Top.	Bottom.
Soil and gravel	0	8
Sand	8	100
Black slate	100	115
Sand	115	140
Coal	140	145
Black slate	145	165
Coal	165	170
Slate	170	210
Sand	210	250
Hard lime	250	270
Slate	270	290
Sand	290	315
Slate	315	320
Sand	320	345
Slate	345	380
Sand	380	385
Slate	385	390
Sand	390	470
Slate	470	485
Sand	485	505
Slate	505	550
Sand	550	650
Slate	650	665
Sand	665	700
Sand	700	736
Gas, 736-741') Oil, 741-746')		Rosedale Gas Sand
Slate	746	748
Sand	748	790
Slate	790	810
Sandy shale	810	890
Sandy lime	890	930
Sand, hard, Rosedale Salt (1st water, 935'; second water, 1110'; hole full, 1125')	930	1195
Black slate	1195	1225
Lime	1225	1235
Pebbly sand) Sand) Salt	1235	1245
	1245	1300
Lime	1300	1305
Red rock	1305	1310
Lime	1310	1320
Broken sand	1320	1350
Shale	1350	1355
Lime	1355	1360
Red rock	1360	1380
Lime shells	1380	1390
Hard sand, Maxton	1390	1410
Soft sand	1410	1420
Hard sand	1420	1450

(OVER)

1502
847
1258

W. D. SAMPLES NO. 1 WELL (Continued).

	Top.	Bottom.
Little Line	1450	- 1480
Black slate	1480	- 1482
Black line	1482	- 1485
Slate	1485	- 1490
Sand	1490	- 1500
Pencil Cave	1500	- 1510
Big Line	1510	- 1555
Sand, Keener	1555	- 1565
White line	1565	- 1615
Top of Big Injun Sand	1615	- 1619
First gas,	1619	- 1635
2nd gas,	1635	- 1646
Bottom of Injun Sand	1646	- 1648
Finished in soft red rock		

Union District, Clay County, W. Va.
 Koontz Oil & Gas Co. (Public O&G Co.) (Bomont Oil Co.)
 Completed May 27, 1908.
 Elevation, 852' L. (847' L.--B&C Rept.) (836 - Bomont record).

	Top. Bottom. Thickness.	
	0 - 15	15
Conductor	0 - 15	15
Soil and gravel	0 - 8	8
Sand	8 - 100	92
Black slate, Kanawha Black Flint, very hard	100 - 115	15
Sand	115 - 140	25
Coal, Stockton	140 - 145	5
Black slate	145 - 165	20
Coal, Coalburg	165 - 170	5
Slate	170 - 210	40
Sand	210 - 250	40
Hard lime	250 - 270	20
Slate	270 - 290	20
Sand	290 - 315	25
Slate	315 - 320	5
Sand	320 - 345	25
Slate	345 - 380	35
Sand	380 - 385	5
Slate	385 - 390	5
Sand	390 - 470	80
Slate	470 - 485	15
Sand	485 - 505	20
Slate	505 - 530	25
Sand	530 - 550	20
Slate	550 - 650	100
Sand	650 - 665	15
Slate	665 - 700	35
Sand, Rosedale Gas (gas, 736-741'; oil, 741-746')	700 - 746	46
Slate	746 - 748	2
Sand	748 - 790	42
Slate	790 - 810	20
Sandy shale	810 - 890	80
Sandy lime	890 - 930	40
Salt Sand, Rosedale, hard	930 - 1195	265
Black slate	1195 - 1225	30
Lime	1225 - 1235	10
Sand, pebbly, Salt	1235 - 1245	10
Sand, Salt	1245 - 1300	55
Lime	1300 - 1305	5
Red rock	1305 - 1310	5
Lime	1310 - 1320	10
Sand, broken up	1320 - 1350	30
Slate	1350 - 1355	5
Lime	1355 - 1360	5
Red rock	1360 - 1380	20
Lime shells	1380 - 1390	10
Sand, Maxton, hard	1390 - 1410	20
Sand, soft	1410 - 1420	10
Sand, hard	1420 - 1450	30
Little Lime, top	1450 - 1480	30
Black slate	1480 - 1482	2

(OVER)

W. D. SAMPLES NO. 1 WELL (SERIAL NO. 1) (Continued).

	Top.	Bottom.	Thickness.
Black lime	1482	- 1485	3
Slate	1485	- 1490	5
Sand	1490	- 1500	10
Pencil Cave	1500	- 1510	10
Big Lime	1510	- 1555	45
Sand, Keener	1555	- 1565	10
White lime	1565	- 1615	50
Sand, Big Injun (first gas)	1615	- 1619	4
Sand, Big Injun (second gas)	1619	- 1635	16
Sand, Big Injun	1635	- 1646	11
Soft red rock, to bottom	1646	- 1648	2

10" casing, 80'; 8", 397'; 6-5/8", 1513'.

First water at 935'.

Second water at 1110'.

Hole full of water at 1125'.

2" tubing, 1723' 7"; anchor, 82' 6".

Additional information from record of well by Bonont Oil Co.,

L. V. Koontz, President;

Elevation given as 836'.

13" conductor, 15'.

Lockwood & Currie, Contractors.