



Company UNITED FUEL GAS CO.

Address CHARLESTON, W.VA.

Farm HORSE CREEK LAND & MINING CO.

Tract Acres 11,324 Lease No. 4976

Well (Farm) No. 33 Serial No. 4626

Quadrangle MADISON/GRIFFITHSVILLE 7 1/2

County LINCOLN

District DUVAL

Engineer Geo. Cunningham

Engineer's Registration No. 659

File No. 46-45 Drawing No. _____

Date APRIL 13, 1936 Scale 1" = 1320'

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

WELL LOCATION MAP
FILE NO. LIN - 171

+ 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.

elev = 1050'

Madison Quad

C

38° 10'



81° 50'

Horse Creek Land & Mining Company No. 4626 Well.

Duval District, Lincoln County, W. Va.

By United Fuel Gas Company.

Permit No. Lin-171.

Elevation, 1050' L.

544 M. cu. ft. gas; R. P., 475 lbs. (Shale) and 300 lbs. (Berea).

Located 0.39 mi. S. of 38° 10' and 4.52 mi. W. of 81° 50'—C—Madison Quadrangle.

On S.+ side of Peter Cave Fork of Horse Creek.

1.30 mi. W. of Woodville; 2.05 mi. N. W. of Laviile.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	1714	1925	211	— 664
Big Injun Sand-----	1925	1946	21	— 875
Berea Sand -----	2405	2430	25	—1355
Corniferous Lime-----	4561	4566	5+	—3511

Thickness, Devonian Shales, 2131 feet.

Total depth, 4566'

Remarks: Completed Nov. 15, 1936.

Shot

Water at 180' and 230'. Salt water, 960'. 184 M. gas in Berea.

Shale gas, 2409-15', 3352-58', 3398', 3570-76', and 3923-38'.

WEST VIRGINIA DEPARTMENT OF MINES

P

Quad: Madison - C

OIL AND GAS DIVISION

Permit No. Lin.-171

W E I L R E C O R D

Gas Well

Company United Fuel Gas Co.
 Address Charleston, W. Va.
 Farm Horse Creek Land & Mining Co. Acres 11,324
 Location 4626 Elev. 1050'
 District Duval County Lincoln
 Surface Address
 Mineral Address

CASING AND TUBING

8 1/4" 536' 8"
 6 5/8" 1733' 4"
 3" 2440' 9"

PICKERS

Kind Hook Wall
 Size 3 x 6 5/8"

Drilling Commenced 7-16-36 Completed 11-15-36
 Date Shot 10-8-36
 Volume 544,000 Cu.ft.
 Rock Pres. 475# Shale 300# Berca
 Oil
 Gas
 Water 180-230
 Salt Water 960

0.39 S of 38° 10'
 4.52 W. of 81° 50'

Gas pays: Depth
 2409-2414 (169M)
 2414-2415 (184M)
 3352-3358 (202M)
 3398 (218M)
 3570-3576 (213M) 3928-3938 (274M)

Formation	Color	H or S	Top	Bot.	Result	Formation	Color	H or S	Top	Bot.	Result
Slate			0	16		Lit. Lime			1670	1709	
Slate			16	40		Pencil Cave			1709	1714	
Sand			40	90		Big Lime			1714	1925	
Slate			90	95		Injun Sand	Red		1925	1946	
Coal			95	98		Slate and Shells			1946	2355	
Slate			98	105		Lime Shell			2355	2367	
Sand			105	235	Water 180'	Slate			2367	2390	
Slate			235	260	Water 230'	Shale	Br.		2390	2405	Gas 184 M
Coal			260	263		Berca Grit			2405	2430	
Slate			263	280		Slate			2430	2435	
Coal			280	284		Lime			2435	2460	
Slate			284	320		Slate			2460	2666	
Sand			320	465		Lime			2666	2686	
Slate			465	477		Slate and Shells			2686	3175	
Lime			477	489		Sandy Shell			3175	3185	
Coal			489	493		Slate			3185	3340	
Slate			493	527		Shell			3340	3352	Gas 190M
Lime			527	590		Slate			3352	3398	
Sand			590	630		Shell			3398	3570	
Slate			630	748		Shale	Br.		3570	3985	
Sand			748	785		Slate	Wh.		3985	4334	
Slate & Lime			785	823		Shale			4334	4561	
Lime			823	833		C. Lime			4561	4566	
Slate			833	853	Water 186'						
Salt Sand			853	1019	Water 960'	Total Depth			4566		
Slate			1019	1050							
Salt Sand			1050	1080	30						
Slate			1080	1124							
Salt Sand			1124	1252	125						
Slate			1252	1307							
Salt Sand			1307	1335							
Slate Shells			1335	1345							
Salt Sand			1345	1390	223						
Wh. Slate	Wh.		1390	1395							
Salt Sand			1395	1530							
Rock	Red		1530	1555							
Slate and Shells			1555	1625							
Max. Sand			1625	1666							
Slate	Bl.		1666	1670							

No gas in the Naef Well