

Company UNITED FUEL GAS CO.

Address CHARLESTON, W. VA.

Farm U.F.G. CO. MIN. TR. #1

Tract _____ Acres 2429.5 ^{48 Ref.} 2468.9

Well (Farm) No. _____ Serial No. 2174

Elevation (Spirit Level) 694.0'

Quadrangle MIDKIFF

County LINCOLN District LAUREL HILL

Engineer Paul E. Joachim

Engineer's Registration No. 669

File No. 30-45 Drawing No. _____

Date 12-8-54 Scale 1" = 660'

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

WELL LOCATION MAP
FILE NO. LIN-1135-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1457

Quadrangle Midkiff
Permit No. 1135 A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm United Fuel Gas Co. Min. Tr. 1, 24, 293.44 Acres
Location (waters) Ten Mile Creek
Well No. 2174 Elev. 694'
District Laurel Hill County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by United Fuel Gas Co.
Address _____
Drilling commenced 5-16-13
Drilling completed 6-26-13
Date Shot _____ From 1323 To 1311
With 60 qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10		<u>1 7'</u>	Size of
8 1/4			
6 1/2		<u>1108'</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

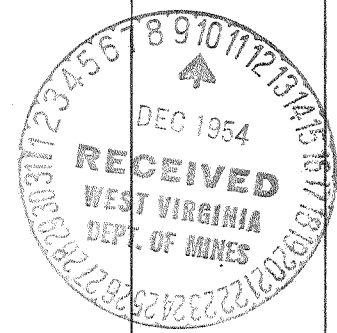
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 80 FEET 60 INCHES
220 FEET 60 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native Coal			80	85			
Pgh. Coal			220	225			
Little Dunkard			350	475			
Slate			475	490			
Big Dunkard			490	520			
1st Salt Sand			565	865			
Little Lime			1075	1090			
Pencil Cave			1090	1095			
Big Lime			1095	1297			
Red Rock			1297	1305			
Big Injun			1305	1330			
Slate			1330	1872			
Berea			1872	1888			
Total depth			1971'				



Water at 575' hole full at 650'
Well bridge at 1440'. Filled up 63'
Gas in Injun 1312-1322'
Tubed & Shut in June 27, 1913



APR 22 1955

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
			1000	1000			
			1005	1005			
			1010	1010			
			1015	1015			
			1020	1020			
			1025	1025			
			1030	1030			
			1035	1035			
			1040	1040			
			1045	1045			
			1050	1050			
			1055	1055			
			1060	1060			
			1065	1065			
			1070	1070			
			1075	1075			
			1080	1080			
			1085	1085			
			1090	1090			
			1095	1095			
			1100	1100			
			1105	1105			
			1110	1110			
			1115	1115			
			1120	1120			
			1125	1125			
			1130	1130			
			1135	1135			
			1140	1140			
			1145	1145			
			1150	1150			
			1155	1155			
			1160	1160			
			1165	1165			
			1170	1170			
			1175	1175			
			1180	1180			
			1185	1185			
			1190	1190			
			1195	1195			
			1200	1200			
			1205	1205			
			1210	1210			
			1215	1215			
			1220	1220			
			1225	1225			
			1230	1230			
			1235	1235			
			1240	1240			
			1245	1245			
			1250	1250			
			1255	1255			
			1260	1260			
			1265	1265			
			1270	1270			
			1275	1275			
			1280	1280			
			1285	1285			
			1290	1290			
			1295	1295			
			1300	1300			
			1305	1305			
			1310	1310			
			1315	1315			
			1320	1320			
			1325	1325			
			1330	1330			
			1335	1335			
			1340	1340			
			1345	1345			
			1350	1350			
			1355	1355			
			1360	1360			
			1365	1365			
			1370	1370			
			1375	1375			
			1380	1380			
			1385	1385			
			1390	1390			
			1395	1395			
			1400	1400			
			1405	1405			
			1410	1410			
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			1440	1440			
			1445	1445			
			1450	1450			
			1455	1455			
			1460	1460			
			1465	1465			
			1470	1470			
			1475	1475			
			1480	1480			
			1485	1485			
			1490	1490			
			1495	1495			
			1500	1500			

Date December 9, 19 54

APPROVED UNITED FUEL GAS CO., Owner

By S. R. Furell
(Title)

Mgr. Civil Engineering Department