



Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W.VA.  
 Farm HORSE CREEK LAND & MINING CO.  
 Tract \_\_\_\_\_ Acres 11327 Lease No. 57128  
 Well (Farm) No. 87 Serial No. F2969  
 Elevation (Spirit Level) 1110  
 Quadrangle MADISON  
 County LINCOLN District DUVAL  
 Engineer J.H. Moore  
 Engineer's Registration No. 662 NC  
 File No. 46-49 Drawing No. \_\_\_\_\_  
 Date 3-8-49 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. LIN-645-A # 87

+ 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.



HORSE CREEK LAND & MINING CO. NO. 87 WELL.

645A

Duval District, Lincoln County, W. Va.  
 By United Fuel Gas Co., Box 1273, Charleston, 25, W. Va.  
 Abandoned under permit Lin-.....-A?  
 On 11,327 acres, on Laurel Fork.  
 Elevation, 1110' L.  
 Minerals owned by Horse Creek Land & Mining Co., 1510 Kanawha Valley Bldg.,  
 Charleston, W. Va.  
 Drilling commenced Jan. 28, 1918; completed Apr. 12, 1918.  
 Shot Apr. 15, 1918, at 2478-2496', with 90 qts.  
 Oil, 1½ bbls., 1st 24 hrs.  
 8¼" casing, 676'; 6⅝", 1801'; 2" tubing, 2497'; all left in.  
 Coal was encountered at 530-535'.  
 Oil well. Abandonment reported to Dept. of Mines March 11, 1949.  
 Record to RCT from Mrs. Griffith July 10, 1949. Old File No. 910.

	Top.	Bottom.
Red rock	0	50
Sand	50	90
Slate	90	300
Sand	300	450
Slate	450	500
Sand	500	530
Coal	530	535
Slate	535	590
Sand	590	655
Slate	655	685
Sand	685	710
Slate and shells	710	780
Sand	780	830
Slate	830	960
Sand and slate	960	1040
Salt Sand	1040	1645
Slate	1645	1755
Little Lime	1755	1785
Pencil Cave	1785	1791
Big Lime	1791	1981
Big Injun Sand	1981	2041
Slate and shells	2041	2457
Brown shale	2457	2477
Berea Sand	2477	2497
Total depth		2497





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

910

WELL RECORD

Permit No. Ab 645-A

ABANDONMENT

Oil or Gas Well OIL  
(KIND)

Company United Fuel Gas Co.  
Address P. O. Box 1273, Charleston 25, W. Va.  
Farm Horse Creek Land & Mining Co. Acres 11,327  
Location (waters) Laurel Fork  
Well No. 87 Elev. 1110  
District Duval County Lincoln  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Horse Creek L. & M. Co.  
1510 Kan. Valley Bldg Address Chas., W. Va.  
Drilling commenced 1-28-18  
Drilling completed 4-12-18  
Date Shot 4-15-18 From 2478 To 2496  
With 90 Qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4	676'	676'	
6 5/8	1801'	1801'	Depth set
5 3/16			
3			Perf. top
2 Tubing		2497'	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 1-1/2 bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 530 FEET 60 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			0	50			
Sand			50	90			
Slate			90	300			
Sand			300	450			
Slate			450	500			
Sand			500	530			
Coal			530	535			
Slate			535	590			
Sand			590	655			
Slate			655	685			
Sand			685	710			
Slate & Shells			710	780			
Sand			780	830			
Slate			830	960			
Sand & Slate			960	1040			
Salt Sand			1040	1645			
Slate			1645	1755			
Little Lime			1755	1785			
Pencil Cave			1785	1791			
Big Lime			1791	1981			
Big Injun			1981	2041			
Slate & Shells			2041	2457			
Brown Shale			2457	2477			
Berea			2477	2497			
Total Depth				2497'			



(Over)

JUL 10 1949



