

W-20363
7318

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Jac 509
Ripley Quad.

Gas Well
CASING & TUBING

Company	McIntosh and Grimm			
Address	Spencer, W. Va.	13	20	20
Farm	B. F. Rader et al Acres 161.1	10	684	0
Location	Mud Run	8 1/2	1122	0
Well No.	1 Elev. 775.00	6 5/8	2113	2113
District	Ravenswood Jackson County	5 3/16	4886	4886
Surface	B. F. Rader et al, Ripley, W.Va.	2	5000	5000
Mineral	Adele Clerc Gardner et al, Los Angeles, Calif.			
Commenced	March 15, 1946			Perf. bot 5'
Completed	June 10, 1946			
Date shot	June 12, Depth 4984 to 5014 with 90 qnts. Nitro glycerin			Casing cemented 5 1/2' 50' June 1
Open flow	5/10ths M in 5 1/2"			
Volume	2,450,000 C. F.			
Rock Pressure	1160 lbs. 24 hrs.			
Water	375'7 blrs. hrs.; 630' H. F. 1345' 1 blr. hr.; 1425 H. F.			

Soil Red	S	0	10	Lime Wh	H	1956	2014
Red Rock	S	10	40	Slate Wh	S	2014	2037
Lime Bl	H	40	60	Sand Wh	H	2037	2077
Slate Wh	S	60	100	Slate Wh	S	2077	2082
Red Rock	S	100	125	Lime Dk	H	2082	2144
Slate Wh	S	125	150	Slate & Shells Wh	H&S	2144	2460
Red Rock	S	150	205	Shale Br	S	2460	2475
Slate Bl	S	205	245	Berea Br	H	2475	2487
Sand Wh	H	245	275	Slate & Shells Wh	S&H	2487	3700
Red Rock	S	275	320	Shale Br	S	3700	3735
Slate Wh	S	320	355	Lime Bl	H	3735	3885
Sand Wh	S	355	410	Slate Wh	S	3885	3960
Red Rock	S	410	425	Shale Br	S	3960	4235
Slate Wh	S	425	455	Slate Wh	S	4235	4647
Red Rock	S	455	460	Shale Br	S	4647	4880
Lime Wh	H	460	500	Cor. Lime Wh	H	4880	4990
Red Rock	S	500	510	Oriskany Wh	H	4990	5014
Slate Wh	S	510	535				
Red Rock	S	535	560	Gas and water		2045	
Slate Wh	S	560	580	Oil		2480	show
Red Rock	S	580	615	Gas		3710	show
Sand Wh	S	615	670	Gas		3027	show
Slate Wh	S	670	810	Gas		4992	
Lime Bl	H	810	825				
Pink Rock	S	825	830				
Slate & Shells Wh		830	865				
Red Rock	S	865	920				
Slate & Shells Wh		920	1010				
Shale Br	S	1010	1037				
Slate Bl	S	1037	1045				
Pink Rock	S	1045	1054				
Slate & Shells Wh	S&H	1054	1196				
Sand Wh	S	1196	1272				
Lime Bl	H	1272	1280				
Sand Wh	H	1280	1304				
Slate Bk	S	1304	1330				
Sand Wh	H	1330	1375				
Slate Wh	S	1375	1402				
Sand Bk	H	1402	1430				
Slate & Shells Wh	S&H	1430	1520				
Sand Wh	H	1520	1616				
Slate & Shells Bk	H&S	1616	1722				
Sand Wh	H	1722	1814				
Slate Wh	S	1814	1830				
Big Lime Wh	H	1830	1938				
Sand Wh	H	1938	1952				
Slate Wh	S	1952	1956				

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

WELL RECORD

Quadrangle Ripley

Permit No. Jac.-509-R ^W

Oil or Gas Well Storage
(KIND)

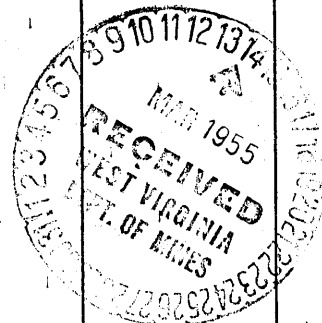
Company United Fuel Gas
Address Box 1273, Charleston, W. Va.
Fam. Grace R. Graham Acres 168.1
Location (waters) Mud Run
Well No. X-59-7318 Elev. 775.0
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by F. F. McIntosh, Jr.
Address Spencer, W. Va.
Drilling commenced 6-18-54
Drilling completed 6-28-54
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 7 bbls., 1st 24 hrs.
Fresh water 2045' feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
18			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3 1/2"	5022'	5022'	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	10			
Red Rock			10	40			
Lime			40	60			
Slate			60	100			
Red Rock			100	125			
Slate			125	150			
Red Rock			150	205			
Slate			205	245			
Sand			245	275			
Red Rock			275	320			
Slate			320	355			
Sand			355	410			
Red Rock			410	425			
Slate			425	455			
Red Rock			455	460			
Lime			460	500			
Red Rock			500	510			
Slate			510	535			
Red Rock			535	560			
Slate			560	580			
Red Rock			580	615			
Sand - 1 1/4 Pk. Sand?			615	670			
Slate			670	810			
Lime			810	825			
Pink Rock			825	830			
Slate & Shells			830	865			
Red Rock			865	920			
Slate & Shells			920	1010			
Shale			1010	1037			
Slate			1037	1045			
Pink Rock			1045	1054			
Slate & Shells			1054	1196			
Sand			1196	1272			
Lime			1272	1280			
Sand			1280	1304			
Slate			1304	1330			
Sand			1330	1375			
Slate			1375	1402			
Sand			1402	1430			



Date March 11, 1955

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			1730	1520			
Sand			1520	1616			
Slate & Shells			1616	1722			
Sand - <i>Small</i>			1722	1814			
Slate			1814	1830			
Big Lime			1830	1938	Gas 20.5'		
Sand			1938	1952			
Slate			1952	1956			
Slate			1956	2014	Show oil	24.80'	
Lime			2014	2037			
Slate			2037	2077			
Sand - <i>Impure</i>			2037	2077	Show gas	37.10'	
Slate			2077	2082			
Lime			2082	2114	Show gas	30.27'	
Slate & Shells			2114	2160			
Slate - <i>Cherty</i>			2114	2160			
Berea			2160	2175			
Slate & Shells			2175	2187			
Slate & Shells			2187	3700			
Shale - 411			3700	3735			
Lime			3735	3885			
Slate			3885	3960			
Shale			3960	4235			
Shale			4235	4617			
Shale			4617	4880			
✓ Corniferous - 463			4880	4990			
✓ Oriskany			4990	5014			
Total Depth			475	5014			