



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 20-206-A

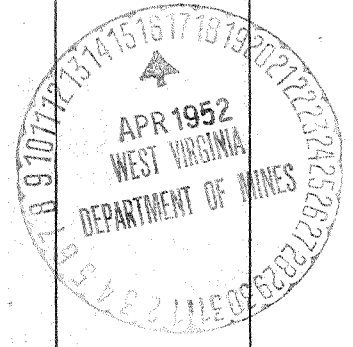
Oil or Gas Well Gas  
(KIND)

Company United Fuel Gas Company  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm Louisa F. Chew Acres 2000  
Location (waters) : Pond Fork  
Well No. 1878 Elev. 1100'  
District Crook County Boone  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Margaret P. Chew Agt.  
Address Charlestown, W. Va.  
Drilling commenced 2-28-28  
Drilling completed 6-2-28  
Date Shot 6-2-28 From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 18/10ths Water in 2 Inch  
\_\_\_\_\_/10ths Merc. in \_\_\_\_\_ Inch  
Volume 200 M Cu. Ft.  
Rock Pressure 320 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Anchor
13			Size of
10	<u>140</u>	<u>140</u>	<u>3 x 5-3/16 x 16</u>
8 1/4	<u>1306</u>		Depth set
6 5/8	<u>1735-9</u>	<u>1735-9</u>	<u>2298'</u>
5 3/16	<u>1803</u>	<u>1803</u>	Perf. top
3		<u>2454</u>	Perf. bottom
2			Perf. top
Liners Used			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
Surface			0	15			
Slate			15	70			
Coal			70	73			
Sand			73	120			Water 3 bailers carried 110-120
Slate			120	130			
Coal			130	134			
Slate & Shells			134	250			
Sand & Lime			250	340			
Slate			340	460			
Sand Hard			460	620			
Salt Sand 1st			620	720			
Lime Black			720	820			
Salt Sand 2nd			820	1060			Water Hole full 970-985
Slate			1060	1070			
Salt sand 3rd			1070	1218			
Slate			1218	1235			
Sand			1235	1246			
Lime Black Caved			1246	1335			
Sand			1335	1370			
Slate			1370	1400			
Sand			1400	1431			
Slate			1431	1446			
Lime Shells			1446	1456			
Pink Rock			1456	1462			
Lime			1462	1505			
Red Rock			1505	1520			
Slate			1520	1541			
Maxon Sand			1541	1581			
Lime Black			1581	1657			
Little Lime			1657	1686			
Pencil Cave			1686	1688			
Big Lime			1688	1894			6-5/8" Casing set 1724' 5-3/16" Casing set 1803' Small show of Oil 1890-1894
Big Injun			1894	1920			
Wier Shells			1920	2090			
Slate & Lime			2090	2329			Small show of Gas 2205-2206'
Slate			2329	2343			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Brown Shale			2343	2355	119 mcf		
Berea Sand			2355	2384	Gas 8/10		water in 2" 2364-2375
Slate			2384	2388			
Lime Shells			2388	2398			
Slate			2398	2434			
Total depth				2434			
					10" Casing not cemented		
					6-5/8" Casing on 6-5/8 x 8-1/4 x 10		
					B.H. Packer		
					5-3/16" Casing on 5-3/16 x 6-5/8 x 10		
					B.H. Packer		
					Steel line run at following depths.		
					1724 6-5/8" Casing point		
					1803 5-3/16" " "		
					2384 Berda Sand		
					2434 Total depth		
					2361 Top of Shot		
					2375 Bottom of Shot.		

Date November 6, 19 51

APPROVED United Fuel Gas Company, Owner

By \_\_\_\_\_

(Title)  
Mgr. Civil Engineering Dept.

Boone 206A

Crook District, Boone County, W. Va.  
 By United Fuel Gas Co., Box 1273, Charleston, 25, W. Va.  
 Abandoned under permit Boo-.....-A?  
 On 2,000 acres, on Pond Fork.  
 Elevation, 1100' L.  
 Minerals owned by Margaret P. Chew, Agent, Charleston, W. Va.  
 Drilling commenced Feb. 28, 1928; completed June 2, 1928.  
 Shot June 2, 1928.  
 Open flow, 18/10ths W. in 2".  
 Volume, 200,000 cu. ft.  
 Rock pressure, 320 lbs. in 48 hrs.  
 10" casing, 140'; 8 1/4", 1306' (pulled); 6 5/8", 1735' 9"; 5 3/8", 1803';  
 3" tubing, 2454'.  
 Anchor packer, 3 x 5 3/8 x 16, set at 2298'.  
 Water, 3 bailers carried 110-120'. Water, hole full, 970-985'.  
 6 5/8" casing set at 1724'. 5 3/8" casing set at 1803'.  
 Small show of oil, 1890-1894'. Small show of gas, 2205-2206'.  
 Gas, 8/10 W. in 2", 2364-2375'.  
 10" casing not cemented. 6 5/8" casing on 6 5/8 x 8 1/4 x 10 B. H. packer.  
 5 3/8" casing on 5 3/8 x 6 5/8 x 10 B. H. packer.  
 Steel line run at following depths: 1724', 6 5/8" casing point; 1803',  
 5 3/8" casing point; 2384', Berea Sand; 2434', total depth; 2361',  
 top of shot; 2375', bottom of shot.  
 Gas well. Record to Dept. of Mines dated Nov. 6, 1951.  
 Record to RCT for Mrs. Griffith July 9, 1952. O.F.No. 640.

	Top.	Bottom.
Surface	0	15
Slate	15	70
Coal	70	73
Sand	73	120
Slate	120	130
Coal	130	134
Slate and shells	134	250
Sand and lime	250	340
Slate	340	460
Sand, hard	460	620
1st Salt Sand	620	720
Lime, black	720	820
2nd Salt Sand	820	1060
Slate	1060	1070
3rd Salt Sand	1070	1218
Slate	1218	1235
Sand	1235	1246
Lime, black, caved	1246	1335
Sand	1335	1370
Slate	1370	1400
Sand	1400	1431
Slate	1431	1446
Lime shells	1446	1456
Pink rock	1456	1462
Lime	1462	1505
Red rock	1505	1520
Slate	1520	1541
Maxton Sand	1541	1581
Lime, black	1581	1657
Little Lime	1657	1686

(OVER)

LOUISA F. CHEW NO. 1878 WELL (Continued).

	Top.	Bottom.
Pencil Cave	1686	- 1688
Big Lime	1688	- 1894
Big Injun Sand	1894	- 1920
Weir shells	1920	- 2090
Slate and lime	2090	- 2329
Slate	2329	- 2343
Brown shale	2343	- 2355
Berea Sand	2355	- 2384
Slate	2384	- 2388
Lime shells	2388	- 2398
Slate	2398	- 2434
Total depth		2434

1686-1688	weir shells
1688-1894	big lime
1894-1920	big injun sand
1920-2090	weir shells
2090-2329	slate and lime
2329-2343	slate
2343-2355	brown shale
2355-2384	berea sand
2384-2388	slate
2388-2398	lime shells
2398-2434	slate
2434-2434	total depth