

Latitude 38° 00'  
37° 57' 30"

Longitude 80° 55'

R.S. Spilman & J.H. McClintic, Trustees

Ephraim

Creek

29221  
"T" Rail  
80° 57' 30"

N 60° 30' E  
2257.66'

4179.20'

7.5  
1.36 S  
0.67 W

"T" Rail

2415.93'

S 32° 55' 12" W

New River & Pocahontas Consolidated Coal Co.  
Port of 24,590 Acres

Location No. 1

4.27 S  
2.93 W

3 SC(L-8)

Approx. Elev. Fire Creek Coal Seam = 2700 (Not operated)

- Redrill
- New Location
- Drill Deeper
- Abandonment

Coordinates Loc. No. 1 = N-20,834.04 E-449.50

Company	<del>Ashland Oil &amp; Refining Co</del> <del>United Producing Co, Inc</del>	
Address	<del>Ashland, Kentucky, 41101</del> <del>Charleston, W. Va.</del>	
Farm	<del>Gerwing - White Mining Co.</del> <del>New River &amp; Pocahontas Consolidated Coal Co.</del>	
Tract	Acres	Lease No.
	24,590	10,599
Well (Farm) No.	1	Serial No.
		2704
Elevation (Spirit Level)	2960.0	
Quadrangle	Meadow Creek - NW	
County	Fayette	District
		Sewell Mountain
Engineer	John H. Burnett	
Engineer's Registration No.	1442	
File No.	25-H	Drawing No.
Date	7-11-58	Scale
		1" = 500'

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

WELL LOCATION MAP  
FILE NO. FAY-106-Red.P

+ 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.

DEEP

1-0

Deep Well

Original



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 5

Quadrangle Meadow Creek

WELL RECORD

Oil or Gas Well DRY HOLE  
(KIND)

Permit No. FAY-106

Company United Producing Company, Inc.  
Address Box 1913, Charleston 27, West Virginia  
Farm New River Pocahontas Consolidated Coal Co. Acres 24,590

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			

Location (waters) Ephraim Creek  
Well No. 1 (2704) Elev. 2960' gr.  
District Sewell Mountain County Fayette  
The surface of tract is owned in fee by Oscar Ennis

10" wood conductor		81'	Kind of Packer
13 3/8"	728'	728'	
10 9 5/8"	2883'	2883'	Size of

Mineral rights are owned by New River Pocahontas Consolidated Coal Co. et al Address 1500 Pennsylvania Bldg Philadelphia 2, Pa.

8 1/4"			Depth set
6 5/8"			

Drilling commenced August 21, 1958  
Drilling completed September 1, 1959

3"			Perf. top
2"			Perf. bottom

Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Liners Used	<u>Float collar @ 2850'</u>		Perf. top
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With \_\_\_\_\_

Centralizers @ 2852'; 2725'; 2571' & 2290'.			Perf. bottom
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Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

13 3/8" AQUACELLED 728' to surface 9-24-58  
CASING CEMENTED 9 5/8" SIZE 565' No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

Volume \_\_\_\_\_ Cu. Ft.

Hole in 9 5/8" @ 150'; squeezed 40 sacks cement 150' to surface

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL ACIDIZED \_\_\_\_\_

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED \_\_\_\_\_

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 115'; 143 Feet 183'; 2468-2480' Salt Water 2893 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	151	Water	115'	1 blr. per hr.
Slate & Shells			151	385	Water	143'	1 1/2 blr. per hr.
Sand			385	477	Water	183'	hole full
Slate & Shells			477	581			
Sand			581	628			
Slate & Shells			628	719			
Lime			719	736			
Sand			736	792			
Lime	Red		792	858			
Lime	Green		858	868			
Sand		Broken	868	888			
Slate & Shells			888	1063			
Lime	Red		1063	1136			
Slate & Shells			1136	1187			
Lime	Gray		1187	1247			
Lime	Red		1247	1269			
Lime			1269	1351			
Red Rock & Shells			1351	1379			
Lime			1379	1402			
Red Rock & Shells			1402	1500			
Lime			1500	1532			
Slate & Shells			1532	1563			
Lime	Red		1563	1579			
Red Rock & Shells			1579	1666			
Lime	Gray		1666	1830			
Red Rock & Shells			1830	1859			
Lime	Red		1859	2029			
Slate & Shells			2029	2114	Bailers left in hole at 2357' & 2411'. Both bailers cemented. Hole cemented 2493' to 2345'.		
Pencil Cave			2114	2118			
Slate & Shells			2118	2138			

(over)





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 2

Redrill

38° 00'  
80° 55'

Quadrangle Meadow Creek  
Permit No. FAY-106 Red.

WELL RECORD

Oil or Gas Well Dry Hole  
(KIND)

Company Ashland Oil & Refining Company  
Address Box 391, Ashland, Ky. 41101  
Farm Berwind-White Coal Mining Co. Acres 24,950  
Location (waters) Ephraim Creek  
Well No. 1 Elev. 2960 Gr  
District Sewell Mountain County Fayette  
The surface of tract is owned in fee by Oscar Ennis  
Address \_\_\_\_\_  
Mineral rights are owned by Berwind-White Coal Mining Co.  
503 Nelson Bldg. Charleston, W. Va.  
Address \_\_\_\_\_  
Drilling commenced April 8, 1967  
Drilling completed April 14, 1967  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 1/10ths Water in \_\_\_\_\_ Inch  
1/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

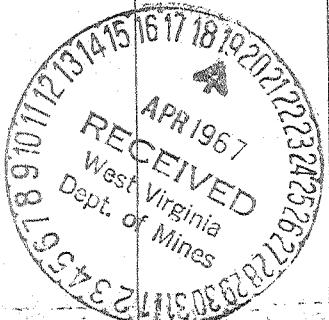
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
<u>xps Wood Conductor</u>		<u>81</u>	Kind of Packer _____
<u>18 3/8</u>	<u>728</u>	<u>728</u>	
<u>xps 9 5/8"</u>	<u>2883</u>	<u>2883</u>	Size of _____
<u>8 1/4</u>			Depth set _____
<u>6 5/8</u>			
<u>5 3/16</u>			Perf. top _____
<u>3</u>			Perf. bottom _____
<u>2</u>			Perf. top _____
Liners Used <u>Float collar @ 2850'</u> <u>Centralizers @ 2852'; 2725';</u> <u>2571' &amp; 2290'</u>			Perf. bottom _____
<u>13 3/8" Aquagelled 728' to surface 9-24-58</u>			
CASING CEMENTED <u>9 5/8</u> SIZE <u>565'</u> No. Ft. _____ Date _____			
Hole in <u>9 5/8"</u> @ <u>150'</u> ; squeezed <u>40</u> sks. cement to surface.			
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
_____ FEET _____ INCHES FEET _____ INCHES			
_____ FEET _____ INCHES FEET _____ INCHES			

RESULT-AFTER TREATMENT

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Lime			1269	1351			
Red Rock & Shells			1351	1379			
Lime			1379	1402			
Red Rock & Shells			1402	1500			
Lime			1500	1532			
Slate & Shells			1532	1563			
Lime	Red		1563	1579			
Red Rock & Shells			1579	1666			
Lime	Gray		1666	1830			
Red Rock & Shells			1830	1859			
Lime	Red		1859	2029			
Slate & Shells			2029	2114			
Pencil Cave			2114	2118			
Slate & Shells			2118	2138			
					Bailers left in hole at <u>2357'</u> & <u>2411'</u> Both bailers cemented. Hole cemented <u>2493'</u> to <u>2345'</u> .		



(over)

MAY 4 1967

Newburg

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Rem
Lime			2138	2299			
Sand			2299	2311			
Slate & Shells			2311	2353			
Lime - <i>Belmont</i>	Dark		2353	2776	Water	2468-2480'	
Injun Sand			2776	2846			
Sand - <i>Injun</i>	Gray		2846	2864			
Sand - <i>Sour</i>	Red		2864	2883			
Shale & Siltstone			2883	2896	Gas	2893' show	
TOTAL DEPTH drilled with cable tools					2896	Water	2893' $\frac{1}{2}$ blr. per hr.
Moved in rotary rig.						Cement plug	2950-2850'
Shale & Siltstone			2896	2950			
Sandy Shale & Shale			2950	3270			
Lime			3270	3350			
Shale & Lime Streaks			3350	3885			
Sand & Lime Streaks			3885	3910			
Shale & Shells			3910	4250			
Lime			4250	4255			
Shale & Lime Streaks			4255	5230			
Shaly Sand & Shale			5230	5453			
Shaly Sand & Lime			5453	5487			
Lime & Shale			5487	5500			
Lime - Shale & Sand			5500	5541			
Shale & Sand			5541	5550			
Shale & Lime			5550	7511			
Shale & Sand			7511	7588			
Shale			7588	7680			
Shale & Pyrite			7680	7694			
Shale			7694	7787	Cement plug	7700-7800'	
Lime			7787	7801			
Shale & Lime			7801	7821			
Lime			7821	7829			
Lime - Chert			7829	7858			
Limey-Shale & Sand			7858	7878	Drill stem test	7858-7878'	
Sand & Lime			7878	7943			
Sand & Shale			7943	7953			
Sand & Lime			7953	8001			
Sandy Lime & Shale			8001	8019			
Lime			8019	8037			
Sandy Lime & Shale			8037	8062			
Lime			8062	8099			
Sandy Lime & Shale			8099	8126	Cement plug	8050-8200'	
Lime			8126	8146			
Sandy Lime			8146	8159			
Lime & Shale			8159	8304			
Sandy Shale & Lime			8304	8346			
Lime & Shale			8346	8507			
Shale - Lime & Sand			8507	8589			
Shale & Sand			8589	8651			
Shale			8651	8739			
Shale & Sand			8739	8744			
Shale & Lime & Sand			8744	8808			
Sand			8808	8817			
Shale & Sand			8817	8865			
Shale			8865	8893			
Shale & Sand			8893	8910	8910 - Well Temporarily Abandoned		
TOTAL DEPTH (Redrill)					8910'		

8910  
2896  
6014

555

8910

P.I. tops:  
Onondaga  
Niagara  
Lian top  
Keary  
Rose H.

7774-7904      7774  
7904-7984      2960  
8158              4814  
8606-8630      7904  
8804-8831      2960  
8831              4945

Date April 17, 1967

APPROVED ASHLAND OIL & REFINING COMPANY, Owner

By F. R. Miskiff