

Company PRESTON OIL CO.
 Address CHARLESTON, W.VA.
 Farm IMPERIAL COAL CO.
 Tract _____ Acres 3439.6 Lease No. 2975
 Well (Farm) No. 4 Serial No. 835
 Elevation (Spirit Level) 770.00'
 Quadrangle MONTGOMERY
 County KANAWHA District CABIN CRK.
 Engineer Paul G. [Signature]
 Engineer's Registration No. 669
 File No. 72-43 Drawing No. _____
 Date 8-10-53 Scale 1" = 100'

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

WELL LOCATION MAP
 FILE NO. KAN-1011-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.

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IMPERIAL COAL CO. # 835 - PRESTON OIL CO. - KAN-1011-A

IMPERIAL COAL CO. NO. 4 (835) WELL.

1011A

Cabin Creek District, Kanawha County, W. Va. ~~1011A~~
 By United Fuel Gas Co., Charleston, W. Va.
 Drilling contractor, D. M. Close, Charleston, W. Va. Cost per foot, \$1.60.
 Commenced Aug. 31, 1916. Completed Nov. 4, 1916.
 Drillers: Ernest Adamson, Charles Dennie.
 10" casing, 578'; 8 $\frac{1}{2}$ ", 1165'; 6 $\frac{5}{8}$ ", 1835' 1"; all left in; 2" tubing.
 Shot Nov. 4, 1916, with 120 qts. (4 - 5 $\frac{1}{2}$ " - 30 qt. shells).
 Oil, flowed 145 bbls., 1st 24 hrs.

	Top.	Bottom.	Thickness.
Slate	0	12	12
Lime, sand, and slate (water, 90' & 120')	12	604	592
Little Dunkard Sand	604	663	59
Black slate	663	669	6
Bankam Big Dunkard Sand	669	792	123
Salt Sand (water, 935', could bail it; water, 987', 6 $\frac{1}{2}$ " bailers per hour; water, 1010', hole full)	832 792	1048	216
Slate	1048	1058	10
Second Salt Sand	1058	1141	83
Slate	1141	1155	14
Lime formation	1155	1264	109
Slate and shells	1264	1324	60
Red rock (cemented red rock)	1324	1355	31
Slate and lime	1355	1615	260
Maxton Sand	1615	1710	95
Slate (water, 1710', 3 bailers per hour)	1710	1750	40
Little Lime	1750	1782	32
Pencil Cave	1782	1795	13
Big Lime	1795	2000	205
Big Injun Sand (light show of gas)	2000	2067	67
Slate and shells	2067	2458	291
Berea Sand	2458	2496	38
Black lime	2496	2500	4
Total depth		2500	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

113

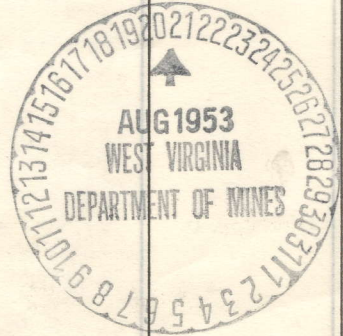
Permit No. 1011A WELL RECORD Oil or Gas Well Oil
(KIND)

Company The Preston Oil Company
Address P. O. Box 1273, Charleston 25, W. Va.
Farm Imperial Coal Company Acres 3439.6
Location (waters) Cabin Creek
Well No. 835 Elev. 770'
District Cabin Creek County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Imperial Coal Company
P. O. Box 601 Address Charleston 22, W. Va.
Drilling commenced August 31, 1916
Drilling completed November 4, 1916
Date Shot 11-4-16 From _____ To _____
With 120 cts
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 145 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			
13			
10		578'	Size of
8 1/4		1165'	
6 1/2		1835' 1"	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			0	12	Pay Sand.		
Lime, Sand & Slate			12	604	Top of Berea Sand	2458'	
Little duncard			604	663	Oil & Gas	2480 - 2494'	
Black Slate			663	669	Bottom Berea Sand	2496'	
Big Duncard			669	792	Black Oil (Show)	2470'	
Salt Sand			832	1048			
Slate			1048	1058	Water	90'	
Second Salt Sand			1058	1141	Water	120'	
Slate			1141	1155	Water	935'	Could bail it.
Lime Formation			1155	1264	Water	987'	6 bailers per hr.
Slate & Shells			1264	1324	Water	1010'	Hole full
Red Rock			1324	1355	Water	1710'	3 bailers per hr.
Slate & Lime			1355	1615			
Maxon Sand			1615	1710	Cemented red rock.		
Slate			1710	1750			
Little Lime			1750	1782	Light show gas in Injun.		
Pencil Cave			1782	1795			
Big Lime			1795	2000			
Big Injun			2000	2067			
Slate & Shells			2067	2458			
Berea Sand			2458	2496			
Black Lime			2496	2500			
Total depth			2500'				



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(Over)

KAN-1011-A

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WELL RECORD

UNITED FUEL GAS COMPANY SERIAL WELL NO. 835 MAP SQUARE

<p>NAME <u>Imperial Coal Company</u></p> <p>WELL NO. <u>4</u> LEASE NO. _____ ACRES _____</p> <p>TOWNSHIP OR DISTRICT <u>Cabin Creek</u></p> <p>COUNTY <u>Kanawha</u></p> <p>FIELD _____</p> <p>STATE <u>West Virginia</u></p> <p>RIG _____ Building Cost _____</p> <p>Contractor _____</p> <p>Commenced _____ 19____, Completed _____ 19____</p> <p>DRILLING Cost per Ft. <u>\$1.60</u></p> <p>Contractor <u>D. M. Close</u></p> <p>Address <u>Charleston, W. Va.</u></p> <p>Commenced <u>Aug. 31,</u> 19<u>16</u>, Completed <u>Nov. 4,</u> 19<u>16</u></p> <p>DRILLERS <u>Ernest Adamson</u> TOOL DRESSERS _____</p> <p><u>Charles Dennie</u> _____</p>	<p>CASING AND TUBING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SIZE</th> <th>USED IN DRILLING</th> <th>LEFT IN WELL</th> </tr> <tr> <td>16</td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>578'</td> <td>578'</td> </tr> <tr> <td>8 1/4</td> <td>1165'</td> <td>1165'</td> </tr> <tr> <td>6 5/8</td> <td>1835' 1"</td> <td>1835' 1"</td> </tr> <tr> <td>5 3/16</td> <td></td> <td></td> </tr> <tr> <td>4 7/8</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> </table> <p>WELL TUBED</p> <p>Date _____ Tubing or Casing _____</p> <p>2 in. _____</p> <p>Size of Packer _____</p> <p>Kind of Packer _____</p> <p>1st Perf. Set _____ from _____</p> <p>2nd Perf. Set _____ from _____</p>	SIZE	USED IN DRILLING	LEFT IN WELL	16			13			10	578'	578'	8 1/4	1165'	1165'	6 5/8	1835' 1"	1835' 1"	5 3/16			4 7/8			4			3			2			<p>TEST BEFORE SHOT</p> <p>_____ of Water in _____ inch</p> <p>10ths. _____ of Merc. in _____ inch</p> <p>10ths. _____</p> <p>Volume _____ Cu. Ft.</p> <p>TEST AFTER SHOT</p> <p>_____ of Water in _____ inch</p> <p>10ths. _____ of Merc. in _____ inch</p> <p>10ths. _____</p> <p>Volume _____ Cu. Ft.</p> <p>Rock Pressure _____</p> <p>Date Shot <u>Nov. 4, 1916</u></p> <p>Size of Torpedo <u>120 qt.</u></p> <p><u>4-5-1/2"-30 qt. shells</u></p> <p>Oil Flowed <u>145</u> bbls. 1st 24 hours</p> <p>Oil Pumped _____ bbls. 1st 24 hours</p> <p>Well Abandoned and Plugged _____ 19____</p>
SIZE	USED IN DRILLING	LEFT IN WELL																																	
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4 7/8																																			
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3																																			
2																																			

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	00	12'	12'	Pay sand
Lime, sand & slate	12	604	592	Top of Berea sand 2458'
Little duncard	604	663	59	Oil & Gas 2480 - 2494
Black slate	663	669	6	Bottom Berea sand 2496'
Big duncard	669	792	123	Black oil (Show) 2470
Salt sand	832	1048	216	
Slate	1048	1058	10	Water 90'
Second salt sand	1058	1141	83	" 120'
Slate	1141	1155	14	" 935' Could bail it
Lime formation	1155	1264	109	" 987'6 bailers per hr.
Slate & shells	1264	1324	60	" 1010 Hole full
Red rock	1324	1355	31	" 1710'3 bailers per hr.
Slate & lime	1355	1615	260	
Maxon sand	1615	1710	95	Cemented red rock
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