

New Location...
 Drill Deeper.....
 Abandonment.....

Company PRESTON OIL CO.
 Address CHARLESTON W.VA.
 Farm IMPERIAL COAL CO.
 Tract _____ Acres 3439.6 Lease No. 2975
 Well (Farm) No. 9 Serial No. 870
 Elevation (Spirit Level) 747.78 ^{DERRICK FLOOR}
 Quadrangle MONTGOMERY
 County KANAWHA District CABIN CRK.
 Engineer Seybert K. Jewell
 Engineer's Registration No. 2529
 File No. 70-43 Drawing No. _____
 Date 4-1-53 Scale 1"=100'

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

WELL LOCATION MAP
 FILE NO. KAN-985-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.

6-0 240

IMPERIAL COAL CO. NO. 9 (870) WELL.

985A

Cabin Creek District, Kanawha County, W. Va.

By United Fuel Gas Co., Charleston, W. Va.

Drilling contractor: D. M. Close, Charleston, W. Va. Cost per foot, \$1.60.

Commenced Nov. 15, 1916; completed Feb. 5, 1917.

Drillers: C. R. Hildreth, Howard Darnell.

10" casing, 355'; 8 $\frac{1}{4}$ " 1275' (pulled); 6 $\frac{3}{8}$ " 1852'; 2" tubing. 5/8" shoe.Shot Feb. 8, 1917, with 90 qts.; 3 - 5 $\frac{1}{2}$ " 30 qt. shells.

Oil well. (Steel-line measurements at 1817, 2482, and 2520').

	Top.	Bottom.	Thickness.
Soil and sand	0	- 100	100
Sand and slate (water, 400')	100	- 700	600
Grampus Sand	700	- 815	115
Break slate	815	- 840	25
Salt Sand (water, 900', hole full)	840	- 1140	300
Slate and shells	1140	- 1300	160
Lime and slate	1300	- 1430	130
Red rock	1430	- 1460	30
Lime	1460	- 1500	40
Slate	1500	- 1550	50
Sand	1550	- 1630	80
Slate	1630	- 1640	10
Maxton Sand	1640	- 1730	90
Little Lime	1730	- 1765	35
Slate and shells	1765	- 1800	35
Pencil Cave	1800	- 1805	5
Lime shells	1805	- 1817	12
Big Lime (show gas, 1968')	1817	- 2031	214
Big Injun Sand (show gas, 2055')	2031	- 2065	34
Slate and shells	2065	- 2482	417
Berea Sand	2482	- 2516	34
Slate	2516	- 2520	4
Black lime	2520	-
Total depth		2520	

Revised record:

Top Big Lime	1817		
Berea Sand (show black oil, 2497'; green oil pay, 2502-2516')	2482	- 2516	34
Total depth		2520	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1979

985-A

WELL RECORD

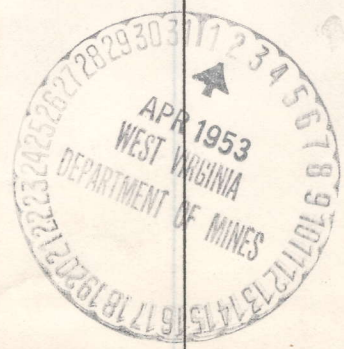
Permit No. _____ Oil or Gas Well 011
(KIND)

Company The Preston Oil Company
Address 1110 Washington St. E Charleston, W. Va.
Farm Imperial Coal Co. Acres 3439.6
Location (waters) Greens Branch
Well No. 870 Elev. 747.78'
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, W. Va.
Drilling commenced November 16, 1916
Drilling completed February 5, 1917
Date Shot Feb. 8, 1917 From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

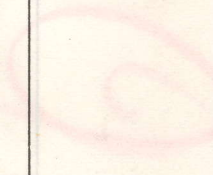
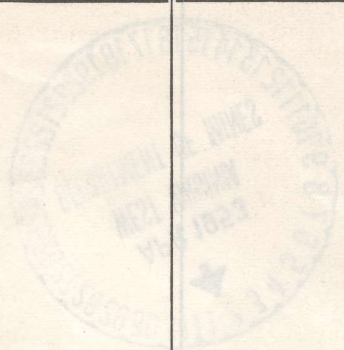
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
Conductor	16'	16'	Kind of Packer
18			
10	355' 1275'	355' 0	Size of
8 1/4			
6%	1852'	1852'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil & Sand			0	100			
Sand & Slate			100	700			
Grampus			700	815			
Break slate			815	840			
Salt sand			840	1140			
Slate & Shells			1140	1300			
Lime & Slate			1300	1430			
Red rock			1430	1460			
Lime			1460	1500			
Slate			1500	1550			
Sand			1550	1630			
Slate			1630	1640			
Maxon sand			1640	1730			
Little lime			1730	1765			
Slate & shells			1765	1800			
Pencil cave			1800	1805			
Lime shells			1805	1817			
Big lime			1817	2031			
Big Injun			2031	2065			
Slate & shells			2065	2482			
Berea sand			2482	2516			
Slate			2516	2520			
Black lime			2520				
Total depth			2520				
Top big lime			1817				
Berea sand			2482	2516			
Show black oil			2497				
Green oil pay			2502	2516			
Total depth			2520				



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks



OIL AND GAS DIVISION
DEPARTMENT OF MINES
DATE April 1, 19 53

APPROVED THE PRESTON OIL COMPANY, Owner

By S. R. Harrell
(Title)
Manager Civil Engineering Department

KAN-985-A

WELL RECORD

979

UNITED FUEL GAS COMPANY SERIAL WELL NO. 870 MAP SQUARE

NAME Imperial Coal Company

WELL NO. 9 LEASE NO. _____ ACRES _____

TOWNSHIP OR DISTRICT Cabin Creek

COUNTY Kanawha

FIELD _____

STATE West Virginia

RIG _____ Building Cost _____

Contractor _____

Commenced _____ 19____, Completed _____ 19____

DRILLING Cost per Ft. \$1.60

Contractor D. M. Close

Address Charleston, W. Va.

Commenced Nov. 16, 1916, Completed Feb. 5, 1917

DRILLERS TOOL DRESSERS

C. R. Hildreth _____

Howard Darnell _____

CASING AND TUBING		
SIZE	USED IN DRILLING	LEFT IN WELL
16		
13		
10	355'	355'
8 1/4	1275	0
6 5/8	1852'	1852
5 3/16		
4 7/8		
4		
3		
2		

WELL TUBED

Date _____

_____ 2 in. Tubing or Casing

Size of Packer 5/8" Shoe

Kind of Packer _____

1st Perf. Set _____ from _____

2nd Perf. Set _____ from _____

TEST BEFORE SHOT

_____ of Water in _____ inch

10ths. _____ of Merc. in _____ inch

10ths. Volume _____ Cu. Ft.

TEST AFTER SHOT

_____ of Water in _____ inch

10ths. _____ of Merc. in _____ inch

10ths. Volume _____ Cu. Ft.

Rock Pressure _____

Date Shot Feb. 8, 1917

Size of Torpedo 90 Qt.

3 - 5-1/2" - 30 Qt.

Oil Flowed _____ bbls. 1st 24 hours

Oil Pumped _____ bbls. 1st 24 hours

Well Abandoned and Plugged _____ 19____

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & sand	0	100	100	
Sand & slate	100	700	600	
Grampus	700	815	115	
Break slate	815	840	25	
Salt sand	840	1140	300	
Slate & shells	1140	1300	160	
Lime & slate	1300	1430	130	
Red rock	1430	1460	30	
Lime	1460	1500	40	Water 400
Slate	1500	1550	50	" hole full 900
Sand	1550	1630	80	
Slate	1630	1640	10	Show gas 1968 Big lime
Maxon sand	1640	1730	90	" " 2055 Big Injun
Little lime	1730	1765	35	
Slate & shells	1765	1800	35	
Pencil cave	1800	1805	5	
Lime shells	1805	1817	12	Steel line measurements
Big lime	1817	2031	214	1817 Top of big lime
Big Injun	2031	2065	34	2482 " " berea sand
Slate & shells	2065	2482	417	2520 Total depth
Berea sand	2482	2516	34	
Slate	2516	2520	4	
Black lime	2520			
Total depth	2520			
Top big lime	1817			
Berea sand	2482	2516		
Show black oil	2497			
Green oil pay	2502	2516		
Total depth	2520			