

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

MAR 15 1953

1.4W
2.15 Q

Company UNITED FUEL GAS CO.
 Address CHARLESTON W.VA.
 Farm IMPERIAL COAL CO.
 Tract _____ Acres 3439.6 Lease No. 2975
 Well (Farm) No. 10 Serial No. 871
 Elevation (Spirit Level) 803.24'
 Quadrangle MONTGOMERY
 County KANAWHA District CABIN CREEK
 Engineer [Signature]
 Engineer's Registration No. 2529
 File No. 70-72-43 Drawing No. _____
 Date 2-26-53 Scale 1"=100'

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

WELL LOCATION MAP
 FILE NO. KAN-978-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.

6-6 240

978A

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, \$2.00.
 Commenced Feb. 16, 1917; completed June 21, 1917.
 Drillers: C. W. Raylor, I. L. Traugh.
 Casing record not given.
 Oil well. (Steel-line measurements at 1850, 2516, 2543, and 2547').

	Top.	Bottom.	Thickness.
Soil	0	10	10
Sand	10	35	25
Slate	35	60	25
Lime	60	80	20
Slate	80	130	50
Sand	130	150	20
Coal (hole full fresh water, 150')	150	155	5
Sand	155	200	45
Coal	200	205	5
Slate	205	215	10
Sand	215	240	25
Slate	240	300	60
Lime	300	320	20
Sand	320	350	30
Slate	350	400	50
Shells	400	480	80
Lime	480	530	50
Slate	530	570	40
Lime	570	590	20
Sand	590	740	150
Gramphus Sand	740	825	85
Slate	825	900	75
Salt Sand (salt water, 970'; hole full salt water, 1030')	900	1190	290
Slate and shells	1190	1370	180
Red rock	1370	1430	60
Slate and sand	1430	1693	263
Maxton Sand (water, 1740')	1693	1784	91
Little Lime	1784	1840	56
Slate	1840	1850	10
Big Lime	1850	2060	110
Big Injun Sand	2060	2110	50
Slate and shells	2110	2516	406
Berea Sand	2516	2545	29
Black slate	2545	2552	7
Total depth		2552	
Revised record:			
Top Big Lime	1850		
Berea Sand (black oil, 2536'; green oil pay, 2543-45')	2516	2545	29
Total depth		2552	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1764

WELL RECORD

Permit No. 9781A Oil or Gas Well Oil (KIND)

Company THE PRESTON OIL COMPANY
Address P.O. Box 1273, Charleston 25, W.Va.
Farm Imperial Coal Co. Acres 3,439.6
Location (waters) Greens Branch
Well No. 871 Elev. 803.24 DF
District Cabin Creek County Kanawha

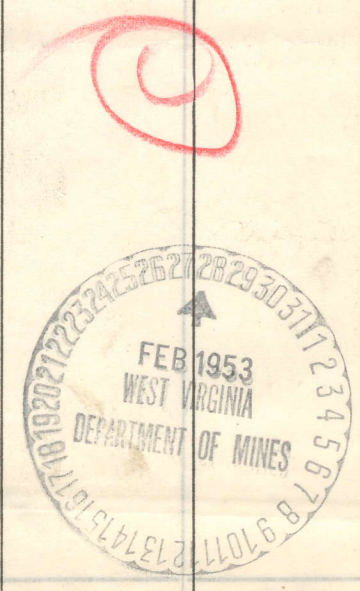
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Imperial Coal Co.
P.O. Box 601 Address Charleston, W.Va.
Drilling commenced 2-16-17
Drilling completed 6-21-17
Date Shot 6-21-17 From _____ To _____
With 76 qts.

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 15 bbls., 1st 24 hrs.
Fresh water 150' feet _____ feet
Salt water 970' feet 1030' feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10		<u>578'</u>	Size of
8 1/4			
6 5/8		<u>1878'</u>	Depth set
5 3/16			
3			Perf. top
2		<u>2552'</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

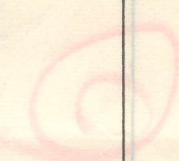
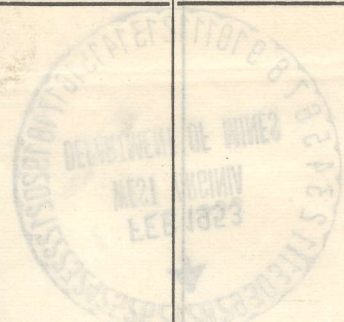
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 150 FEET 60 INCHES
200 FEET 60 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	10			Revised Record
Sand			10	35			
Slate			35	60	Top of big lime		1850
Lime			60	80	Berea Sand		2516-45
Slate			80	130	Black Oil		2536
Sand			130	150	Green Oil pay		2543-45
Coal			150	155	Total depth		2552
Sand			155	200			
Coal			200	205	Water		
Slate			205	215	Fresh, hole full		150
Sand			215	240	Salt		970
Slate			240	300	Salt hole full		1030
Lime			300	320	Water in Maxon		1740
Sand			320	350			
Slate			350	400	Steel line measurements		
Shells			400	480			
Lime			480	530			1850 - 2516 - 2543 - 2547
Slate			530	570			
Lime			570	590			
Sand			590	740			
Gramphus			740	825			
Slate			825	900			
Salt Sand			900	1190			
Slate & Shells			1190	1370			
Red Rock			1370	1430			
Slate & Sand			1430	1693			
Maxon Sand			1693	1784			
Little Lime			1784	1840			
Slate			1840	1850			
Big Lime			1850	2060			
Big Injun			2060	2110			
Slate & Shells			2110	2516			
Berea Sand			2516	2545			
Black Slate			2545	2552			
Total depth			2552'				



1953

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Black shale			5225	5225			
Black shale			5272	5272			
Black shale			5279	5279			
Black shale			5270	5270			
Black shale			3090	3090			
Black shale			1820	1820			
Black shale			1870	1870			
Black shale			1883	1883			
Black shale			1730	1730			
Black shale			1730	1730			
Black shale			1730	1730			
Black shale			800	800			
Black shale			852	852			
Black shale			260	260			
Black shale			260	260			
Black shale			260	260			
Black shale			1780	220	1820 - 5270 - 5272 - 5274		
Black shale			1700	1700			
Black shale			220	1700			
Black shale			220	220			
Black shale			200	250			
Black shale			270	300			
Black shale			272	270			
Black shale			302	302			
Black shale			300	302			
Black shale			122	300			
Black shale			120	122			
Black shale			120	120			
Black shale			80	120			
Black shale			80	80			
Black shale			32	80			
Black shale			70	32			
Black shale			0	70			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Black shale	Black	Hard	1030	1030	Level	1030	Level
Black shale	Black	Hard	1030	1030	Level	1030	Level
Oil					Level	1030	Level
Rock Pressure					Level	1030	Level
Leakage					Level	1030	Level
Open Flow					Level	1030	Level
Water					Level	1030	Level
Drilling completed					Level	1030	Level
Drilling completed					Level	1030	Level
5'0" Box					Level	1030	Level
Address					Level	1030	Level
Company					Level	1030	Level
Remarks					Level	1030	Level

MEET RECORD

OIL AND GAS DIVISION DEPARTMENT OF MINES Date February 26, 1953

APPROVED THE PRESTON OIL COMPANY, Owner

By S.R. Ferrell (Title)

Manager Civil Engineering Department



KAN-978-A

WELL RECORD

980

UNITED FUEL GAS COMPANY SERIAL WELL NO. 10 MAP SQUARE

NAME Imperial Coal Company

WELL NO. 871 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. \$2.00

Contractor D. M. Close

Address Charleston, W. Va.

Commenced Feb. 16, 1917, Completed June 21, 1917

DRILLERS TOOL DRESSERS

C. W. Raylor _____

I. L. Traugh _____

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

WELL TUBED

Date _____ Tubing or Casing _____

2 in. _____

Size of Packer _____

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 _____

Size of Torpedo _____

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	0	10	10	- Revised record -
Sand	10	35	25	
Slate	35	60	25	Top of big lime 1850
Lime	60	80	20	Berea sand 2516-45
Slate	80	130	50	Black oil 2536
Sand	130	150	20	Green oil pay 2543-45
Coal	150	155	5	Total depth 2552
Sand	155	200	45	
Coal	200	205	5	Water
Slate	205	215	10	Fresh, hole full 150'
Sand	215	240	25	Salt 970'
Slate	240	300	60	" hole full 1030'
Lime	300	320	20	Water in Maxon 1740'
Sand	320	350	30	
Slate	350	400	50	Steel line measurements
Shells	400	480	80	
Lime	480	530	50	1850 - 2516 - 2543 - 2547.
Slate	530	570	40	
Lime	570	590	20	
Sand	590	740	150	
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