

Abandonments

Company	Philadelphia Oil Co.
Address	608 Union Bank, Clarksburg, W.Va.
Farm	W.A. Duckworth
Tract	Acres 106 Lease No. 7361
Well (Farm) No.	487 Serial No. 4763-4776
Elevation (Spirit Level)	898 L - 759 L
Quadrangle	West Union <b>SC</b>
County	Doddridge District Central
Engineer	James R. Jeffries
Engineer's Registration No.	
File No.	Drawing No.
Date	8-3-37
	Scale 1"=500'

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 CHARLESTON  
 71382 on CNG map  
 WELL LOCATION MAP  
 File No. DOD-187A-188A  
 187A, 190A

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

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WELL RECORD

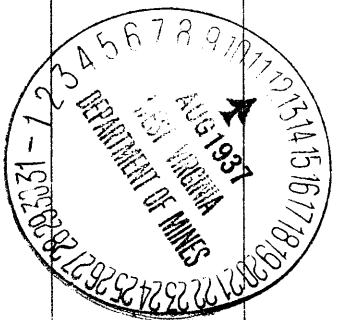
Permit No. 900-190-A

Oil or Gas Well Oil  
(Kind)

Company Philadelphia Oil Company.  
Address Clarksburg, West Va.  
Farm W. A. Duckworth Acres 150  
Location (waters) West Union - S/E. 3/3  
Well No. 4776 Elev. 759  
District Central County Doddridge  
The surface of tract is owned in fee by W. A. Duckworth  
Address Duckworth, W. Va.  
Mineral rights are owned by W. A. Duckworth et ux  
Address Duckworth, W. Va.  
Drilling commenced August 7th, 1920  
Drilling completed Sept. 8th, 1920  
Date shot 9/13/1920 Depth of shot 1963-69  
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 1465 feet 1830 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16. <u>wood</u>	<u>14</u>	<u>14</u>	Kind of Packer _____
13. _____	<u>575</u>	<u>575</u>	Size of _____
10. _____	<u>1180</u>	<u>1180</u>	Depth set _____
8 1/4. _____	<u>1500</u>	<u>1500</u>	Perf. top _____
6 5/8. _____	<u>1876</u>	<u>1876</u>	Perf. bottom _____
5 3/16. _____			Perf. top _____
3. _____			Perf. bottom _____
2. _____			
Liners Used _____			
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
COAL WAS ENCOUNTERED AT <u>630</u> FEET <u>24</u> INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Lime			0	630			
Pgh. Coal			630	632			
Slate			632	950			
Little Dunkard			950	1010			
Slate			1010	1150			
Big Dunkard			1150	1175			
Slate			1175	1420			
1st. Salt Sand			1420	1490	Water	1465'	
Slate			1490	1580			
2nd. Salt Sand			1580	1660			
Slate			1660	1820			
Maxton Sand			1820	1834	Water	1830'	
Slate			1834	1844			
Little Lime			1844	1854			
Slate			1854	1859			
Boulder Sand			1859	1864			
Slate -Or Pencil Cave			1864	1868			
Big Lime			1868	1952			
Big Injun Sand			1952	1978	Oil	1963-69'	
Total Depth			-----	1979			



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

Date **July 29th, 1937**, 19.....

APPROVED **Philadelphia Oil Company.**, Owner

By **F. E. Brighton**  
(Title)

Central District, Doddridge County, W. Va.  
 By Philadelphia Oil Co., Clarksburg, W. Va.  
 On 150 acres; West Union S/E 3/3 Quadrangle.

Pass 190A

Elevation, 759' L.

Surface owned by W. A. Duckworth, Duckworth, W. Va., and minerals  
 by W. A. Duckworth et ux, Duckworth, W. Va.

Drilling commenced Aug. 7, 1920; completed, Sept. 8, 1920.

Shot Sept. 13, 1920, at 1963-69'.

Salt water at 1465 and 1830'.

13" wood conductor, 14'; 10" casing, 575'; 8 $\frac{1}{4}$ "", 1180'; 6 $\frac{3}{8}$ "", 1500';  
 5 $\frac{3}{16}$ "", 1876'; all left in.

Coal was encountered at 630-632'.

Oil well. Abandonment reported to Dept. of Mines July 29, 1937.

Record to RCT from D. G. Courtney 2-1-38.

	Top.	Bottom.
Lime	0	- 630
Pittsburgh Coal	630	- 632
Slate	632	- 950
Little Dunkard Sand	950	- 1010
Slate	1010	- 1150
Big Dunkard Sand	1150	- 1175
Slate	1175	- 1420
1st Salt Sand (water, 1465')	1420	- 1490
Slate	1490	- 1580
2nd Salt Sand	1580	- 1660
Slate	1660	- 1820
Maxton Sand (water, 1830')	1820	- 1834
Slate	1834	- 1844
Little Lime	1844	- 1854
Slate	1854	- 1859
Boulder Sand	1859	- 1864
Slate or Pencil Cave	1864	- 1868
Big Lime	1868	- 1952
Big Injun Sand (oil, 1963-69')	1952	- 1978
Total depth		1979