

Company PHILADELPHIA OIL CO.

Address CLARKSBURG, W.VA.

Farm C.P. HUDSON ET UX

Tract \_\_\_\_\_ Acres 54 Lease No. 13387

Well (Farm) No. ONE Serial No. 4438

Elevation (Spirit Level) 1176'

Quadrangle WEST UNION S.E. 4<sup>L</sup>

County DODDRIDGE District CENTRAL

Engineer H. B. Bingham

Engineer's Registration No. 764

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date MAY 5, 1942 Scale 1" = 300'

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

**WELL LOCATION MAP**  
 FILE NO. DOD-396-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.

A

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

970

WELL RECORD

Permit No. Ab 396-A

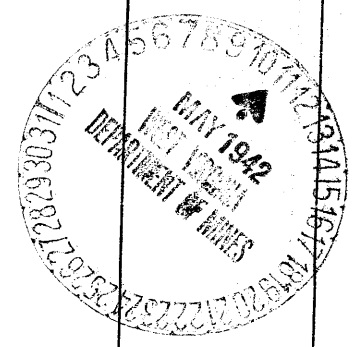
Oil or Gas Well Oil  
(KIND)

Company Philadelphia Oil Company.  
Address Clarksburg, West Va.,  
Farm C. F. Hudson Acres 24  
Location (waters) West Union S/E. 4-1  
Well No. 4438 Elev. 1176  
District Central County Putnam  
The surface of tract is owned in fee by Noland Thomas et al.  
1306 Latrobe Street. Address Putnamburg, W. Va.,  
Mineral rights are owned by C. F. Hudson  
Horton, Park Co., Address Florida.  
Drilling commenced June 13, 1916  
Drilling completed August 1, 1916.  
Date Shot \_\_\_\_\_ 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			Kind of Packer
16			
13			
10	<u>563'</u>	<u>563'</u>	Size of
8 1/2	<u>1270'</u>	<u>1270'</u>	Depth set
6 1/2	<u>2110'</u>	<u>2110'</u>	
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 360 FEET 48 INCHES  
550 FEET 48 INCHES 830 FEET 24 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Silt	Dark	Soft	0	16			
Slate	Red	"	16	36			
Slateshell	Light	Hard/Soft	36	135			
Sand	"	Soft	135	185			
Slate	White	"	185	205			
Sand	"	Hard	205	235			
Red Rock	Red	Soft	235	290			
Slate	White	"	290	300			
Coal	Black	"	300	310			
Slate	Light	"	310	324			
Lime	White	Hard	324	375			
Sand	"	"	375	387			
Slate	"	Soft	387	405			
Red Rock	Red	"	405	415			
Lime	Gray	Hard	415	500			
Red Rock	Red	Soft	500	512			
Slate	White	Soft	512	550			
Coal	Black	"	550	558			
Slate	White	"	558	562			
Red Rock	Red	Hard/Soft	562	580			
Sand	Gray	Hard	580	670			
Lime	White	Hard	670	730			
Slate	Dark	Soft	730	750			
Red Rock	Red	"	750	786			
Lime	White	Hard	786	800			
Lime	Dark	Hard	800	820			
Shale-Coal	Black	Soft	820	830			
Lime	"	Hard	830	832			
Slate	White	Soft	832	835			
Lime	"	Hard	835	838			
Slate	Dark	Soft	838	850			
Lime	White	Hard	850	855			
Slate	Dark	Soft	855	885			
Lime	Brown	Medium	885	905			
Slate	"	Soft	905	920			
Slate	Red	"	920	930			
Slate	White	Hard/Soft	930	935			
Slate	Red	Hard	935	960			
Lime	White	Hard	960	1010			
Slate	"	Soft	1010	1050			
Little Sandstone	"	Hard-Clase	1050	1065			
Slate	"	Soft	1065	1130			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Red	Soft	1150	1200			
Slate	White	"	1200	1220			
Big Bandard	"	Hard	1220	1240			
Slate	Black	Soft	1240	1290			
lime	White	Hard	1290	1260			
Roundhead Slate	"	Soft	1260	1270			
Gas Sand	Grey	Hard	1270	1336			
Slate	Black	Soft-Hard	1336	1418			
let. Salt Sand	White	Hard	1418	1528			
Slate	Dark	Soft	1528	1532			
Sand	White	Hard	1532	1543			
Slate	Dark	Hard/Soft	1543	1585			
lime	White	Hard	1585	1625			
Slate	"	Soft	1625	1640			
Salt Sand	Grey	Hard	1640	1738			
Slate	Dark	Soft/Hard	1738	1776			
Sand	Grey	Hard	1776	1845			
Slate	Dark	Soft	1845	1852			
Salt Sand	Grey	Hard	1852	1944			
Slate	Dark	Soft/Hard	1944	1980			
lime -Mazon	"	Hard	1980	2000			
Slate	"	Soft	2000	2020			
"	White	"	2020	2024			
Slate	Red	"	2024	2030			
lime	Grey	Hard	2030	2040			
Slate	Red	Soft	2040	2040			
"	Dark	"	2040	2046			
lime	"	Hard	2046	2072			
Slate	"	Soft	2072	2084			
Little lime	Grey	Hard	2084	2088			
Pencil Cove	Dark	Soft	2088	2094			
Big lime	White	Hard	2094	2157			
Big Injun	Grey	Hard-Close	2157	2263	Gas & Oil	2175-2179	
Slate	Dark	Soft	2263	2289			
Sugar Sand	Grey	Hard	2289	2299			
Total Depth				2299			

May 5th, 1942

Date \_\_\_\_\_ 194

PHILADELPHIA OIL COMPANY,

APPROVED

Owner

By

(Title)

*J. E. [Signature]*