



Company	Philadelphia Oil Co.
Address	608 Union Bank, Clarksburg, W.Va.
Farm	W.V. Hoge
Tract	Acres 125 Lease No. 14432-39
Well (Farm) No.	1 Serial No. 4467
Elevation (Spirit Level)	1120'
Quadrangle	West Union (SE)
County	Doddridge District Central
Engineer	James D. Jeffries
Engineer's Registration No.	
File No.	Drawing No.
Date	7-7-37 Scale 1"-500'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 File No. DOD-181A

+ 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

162

WELL RECORD

Permit No. DA-183-A

Oil or Gas Well Oil
(Kind)

Company Philadelphia Oil Company.
Address Clarksburg, West Va.
Farm Smith-Hoge Acres
Location (waters) West Union - S/E. 3/4
Well No. 4467 Elev. 1120
District Central County Doddridge
The surface of tract is owned in fee by S.A. Smith et al
Clarksburg, W. Va. Address
Mineral rights are owned by S. A. Smith, et al
Clarksburg, W. Va. Address
Drilling commenced September 11th, 1916
Drilling completed November 9th, 1916
Date shot Nov. 9th, 1916 Depth of shot 2174
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 220-222 feet _____ feet
Salt water 1780 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16. wood	10		Kind of Packer
13.	477	None	Size of
10.	1200	1200	Depth set
8 1/4.	2024	2024	Perf. top
6 5/8.			Perf. bottom
5 3/16.			Perf. top
3.			Perf. bottom
2.			
Liners Used			

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
COAL WAS ENCOUNTERED AT 276 FEET 24 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Red Rock			0	50			
Sand			50	110			
Red Rock			110	220	Water	220-222	Hole full.
Gravel			220	222			
Slate			222	276			
Coal			276	278			
Slate			278	300			
Red Rock	Red		300	320			
Sand	White		320	335			
Red Rock	Red		335	350			
Line	Dark	Hard	350	390			
Sand			390	400			
Red Rock	Red		400	470			
Line			470	510			
Red Rock	Red		510	525			
Line	White	Hard	525	550			
Red Rock	Red		550	600			
Bluff Sand		Open	600	690			
Slate	White	Soft	690	750			
Line	"	Hard	750	790			
Slate	"	Soft	790	830			
Line	"	Hard	830	855			
Slate	"	Soft	855	880			
Red Rock	Red		880	940			
Line		Hard	940	960			
Slate	White		960	985			
Line		Hard	985	1000			
Slate			1000	1014			
L. Dunkard			1014	1070			
Slate			1070	1088			
Line			1088	1218			
Big Dunkard		Open	1218	1236			
Slate		Soft	1236	1255			
Slate	Black	"	1255	1260			
Line		Open	1260	1280			
Slate	White	Soft	1280	1285			
Line	"	Hard	1285	1325			
Slate	Black	Soft	1325	1340			
Gas Sand	White	Close	1340	1380			
Slate	Black	Soft	1380	1408			
1st. Salt Sand	White	Close	1408	1485			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Black	Soft	1495	1545			
2nd. Salt Sand	White	Close	1545	1680			
Slate	Black	Soft	1680	1722			
3rd. Salt Sand	White	Close	1722	1830	Water	1780'	
Slate	Black	Hard	1830	1860			
Lime	White	Soft	1860	1925			
Red Rock	Red	Close	1925	1940			
Sand		Soft	1940	1948			
Slate	White	Close	1948	1970			
Little Lime			1970	1984			
Pencil Cave			1984	2005			
Big Lime	White	Hard	2005	2065			
Big Injun		Close	2065	2178	Gas	2072'	
Slate			2178	2180	Gas	2166'	
Total Depth				2180	Oil	2168-72'	

July 2nd, 1937

Date....., 19.....

APPROVED..... Philadelphia Oil Company. Owner

By.....
(Title)