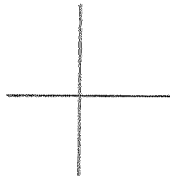


38° 05'

LATITUDE 38° 02' 30"



LONGITUDE 81° 49' 30"

81° 45'

7'5 OGIS topo location

7.5' loc	<u>1.655</u>	15' loc	<u>4.535</u>
	<u>1.68W</u>	(calc.)	<u>3.95W</u>

Company Pond Fork

Farm Cole & Crane RE Trust

Quad Madison 7.5' / Madison 15' SE

County Boone

District Washington

WELL LOCATION MAP

File No. 005-280

Boone

Cole & Crane Real Estate Trust No. 22 Well.

BOONE-B m

005 280

Washington District, Boone County, W. Va.
 By Pond Fork Oil & Gas Company.
 Eco-B on map.
 Elevation, 725' L. (ground).
 Berea gas well.
 Located 4.45 mi. S. of 38° 05' and 4.09 mi. W. of 81° 45'—SE—Madison
 Quadrangle.
 On east side of Spruce Fork of Little Coal River.
 2.54 mi. S. of Madison (from mouth of Pond Fork); 2.54 mi. S. W. of
 Uneeded.

	Top.	Bottom.	Thickness.	Elevation (top).
Big Lime	1088	1246	160	— 363
Big Injun Sand	1248	1292	44	— 523
Berea Sand	1744	1774	30	—1019
Corniferous Lime	4027	4080	53	—3302
Oriskany Sand	4080	4088	8	—3355

Thickness, Devonian Shales, 2253 feet. Total depth, 4566'.
 Filled back to 1774'.

519

Remarks: Completed, Feb. 27, 1936.

Shot at 3420-3453'. Shot in Berea at 1746-1770'.
 Sulphur odor at 4200'. Sulphur gas, 4339-42' and 4343'. Hole full
 sulphur water, 4560'; hole filled to 4030'. Starts about 325' below
 No. 2 Gas Coal. Hole full water, 30' and 370'. Gas show, (Big Lime),
 1147'. Gas show in sand shells, 1618' and 1620-24'. Gas show,
 (Berea), 1748-52'. Gas show, in white slate, 3420-3442'. Gas show
 (in slate and shells), 3443-52'. Gas show, 4122-23'. Helderberg
 Lime, 4088-4257'. Salina, 4257-5262' +. Samples from top of Hunters-
 ville Chert (Corniferous).
 On 1986 acres.

DEEP WELL

246

B00-280

OIL OR GAS WELL 22

Gas

Pond Fork Oil & Gas Company
Charleston, W. Va. Address

COMPLETION DATA SHEET
No. 2

Well No. 22 FARM Cole & Crane R.E. Trust

FORMATION RECORD B00-280

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Earth			Hole Full	00	46	46		
Flint Ledge			Water 30'	46	121	75		
Slate				121	144	23		
Lime & Sand				144	290	146		
Slate				290	300	10		
Sand			Water-Hole	300	430	130		
Slate			full 370'	430	432	2		
Salt Sand				432	640	208		
White Slate				640	644	4		
Sand				644	666	22		
Slate				666	735	69		
Lime & Sand				735	805	70		
White Slate				805	810	5		
Red Rock				810	822	12		
Lime & Slate				822	935	113		
Lime				935	1012	77		
Slate				1012	1014	2		
Lime				1014	1044	30		
Slate				1044	1070	26		
Little Lime				1070	1087	17		
Pencil Cave				1087	1088	1		
Big Lime			Show of Gas	1088	1248	240/160		
Big Injun				1248	1292	44		
Slate & Shells				1292	1367	75		
Hard Shells				1367	1439	72		
Slate			Show of Gas	1439	1618	179		
Sand Shells			1618' to	1618	1624	6		
Slate			1624'	1624	1700	76		
Hard Shells				1700	1721	21		
Slate				1721	1733	12		
Brown Shale			Gas	1733	1744	11		
Berea			Gas 1748' to	1744	1774	30		
Lime			1752'	1774	1779	5		
Slate				1779	1800	21		
Slate & Shells				1800	1950	150		
Blue Lime				1950	2000	50		
Slate & Shells				2000	2650	650		
Slate				2650	2940	290		
Hard Shells				2940	2990	50		
Slate				2990	3000	10		
Slate & Shells				3000	3040	40		
Brown Shale & Shells				3040	3110	70		
Brown Shale & Shells				3110	3355	245		
White Slate			Gas 3420' to	3355	3434	79		
Slate & Shells			3442'	3434	3787	353		Continued on Back*

311

Coffee

Well was shot at 1746 to 1776 feet; well was shot at 3385 to 3485 feet.

Fresh water at 30' & 370 feet; Salt water at 490' feet.

producing hole.
Well was From Berea
March 24, 1936.
Date

Pond Fork Oil & Gas Company,
Approved: *Richard H. ...*
Owner President

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

B00-280

81°45' - 4.02 mi. W of
38°05' - 4.36 mi. S of

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

MADISON QUAD
SE-Section

PRELIMINARY DATA SHEET NO. 1

File No. B00-280

Well No. 22

Pond Fork Oil & Gas Company of Charleston, W. Va.
on the Cole & Crane R.E. Trust Farm
containing 1986 acres. Location Hunters Branch,
Washington District, in Boone County, West Virginia

The surface of the above tract is owned in fee by Cole & Crane Real Estate Trust
of Cincinnati, Ohio address, and the mineral rights are owned by
Cole & Crane Real Estate Trust of Cincinnati, Ohio

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit
No. B00-280 issued by the West Virginia Department of Mines, Oil and Gas Division
July 30, 1935

Elevation of surface at top of well, 725 Spirit ~~level~~

The number of feet of the different sized casings used in the well.

_____ feet _____ size. Wood conductor.
26' feet 1 1/2" size, csg. 291.7' feet 10" sized csg.
1112.2 feet 8 1/4" size, csg. 1778 feet 6 5/8" sized csg.
3774.6 feet 2" size, csg. _____ feet _____ sized csg.
_____ packer of 8 1/4 x 2" size, set at 1703.6' 1709.6'
_____ packer of _____ size, set at _____
_____, in casing perforated at 1734 feet to 1749 feet.
_____, in casing perforated at _____ feet to _____ feet.

Coal was encountered at _____ feet, thickness _____ inches, and at _____
feet; thickness _____ inches; and at _____ feet; thickness _____ inches.

Liners were used as follows: (Give details) _____

March 24, 1936. Date. Pond Fork Oil & Gas Company,
Approved [Signature], Owner.
By [Signature]
(TITLE)

Deep well