

Surf: Guy L. Neely,
Rt. No. 1, Core, W.Va.
Coal: Christopher Coal Co.,
Box 100, Osage, W.Va.

Minimum Error of Closure 1' in 2500'
Source of Elevation Taken from Well No. 16 Jarrett Wildman,
Elev. 1110.42' floor.

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: A.C. Hillbert

Map No. N72E Squares: N 13 S E 27 W

W.H. Allen & Allen Brothers or Co.
Company PENNSYLVANIA OIL COMPANY
Address P.O. Box 750, Parkersburg, W.Va. 26101
Farm Fetty Hrs.
Tract _____ Acres 90 Lease No. 8393
Well (Farm) No. 10 Serial No. _____
Elevation (Spirit Level) 1088.26' ground
Quadrangle BLACKSVILLE
County MONONGAHELI District MONONGAHELI
Engineer A.C. Hillbert
Engineer's Registration No. 2534
File No. 1406 Drawing No. _____
Date MARCH 10, 1965 Scale 1" = 400'

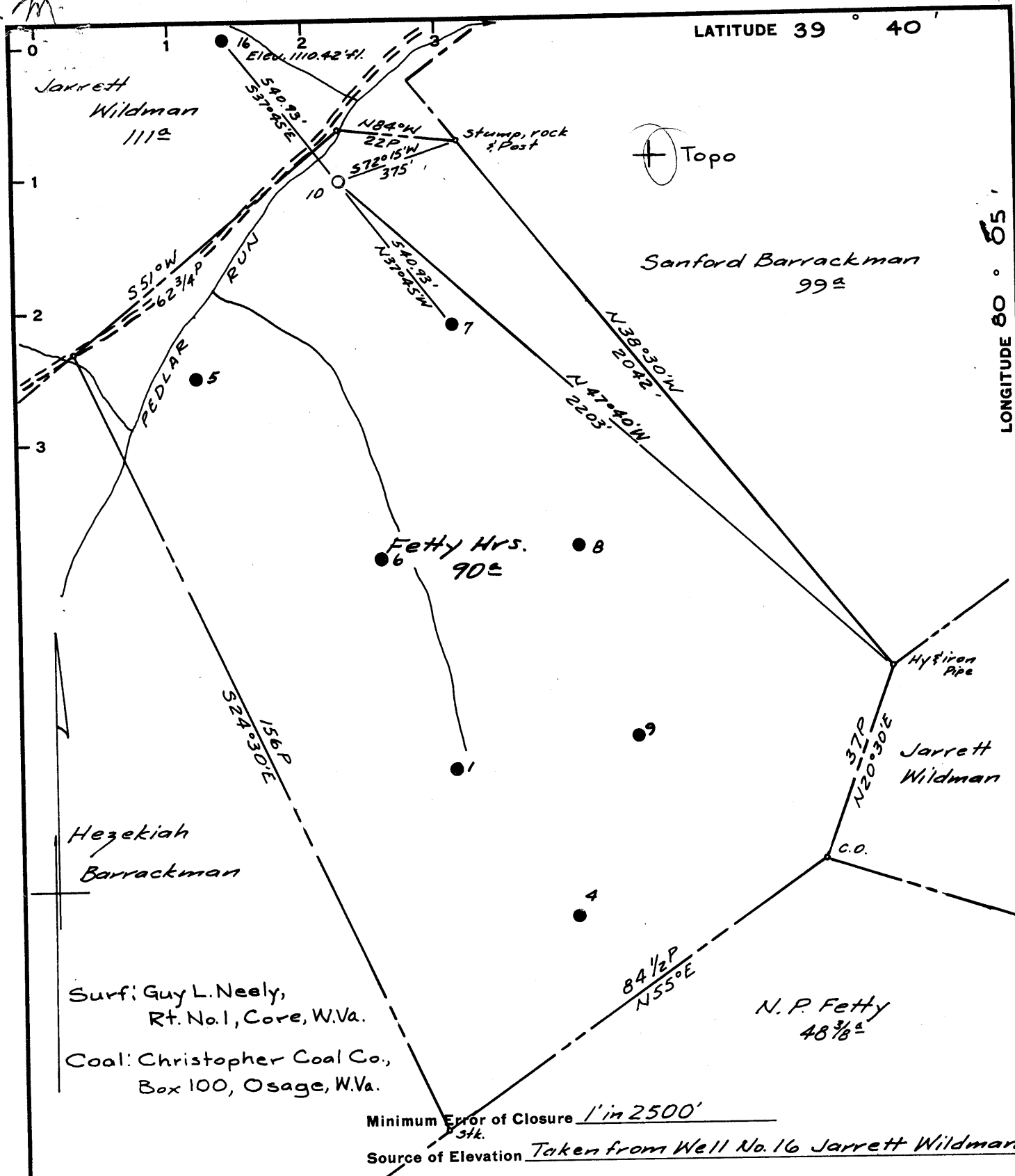
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. MON-280-P

+ 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.



LATITUDE 39° 40'

LONGITUDE 80° 05'

Minimum Error of Closure 1' in 2500'
Stk.

Source of Elevation Taken from Well No. 16 Jarrett Wildman,
Elev. 1110.42' floor.

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- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: A.C. Hilbert

Map No. N72E Squares: N 13 S E 27 W

Company PENNZOIL COMPANY
 Address P.O. Box 1588, Parkersburg, W.Va.
 Farm Fetty Hrs.
 Tract _____ Acres 90 Lease No. 8393
 Well (Farm) No. 10 Serial No. _____
 Elevation (Spirit Level) 1088.26' ground
 Quadrangle BLACKSVILLE - C
CLAY MONONGALIA
 Engineer A.C. Hilbert
 Engineer's Registration No. 2534
 File No. 1406 Drawing No. _____
 Date MARCH 10, 1965 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. MON-280

+ 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.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 26

Rotary
Spudder
Cable Tools
Storage

Quadrangle BLACKSVILLE
Permit No. MON-280

WELL RECORD

Oil or Gas Well Water Inj
(KIND)

Company PENNZOIL COMPANY
Address P. O. Box 1588, Parkersburg, W. Va.
Farm Fetty Hrs. Acres 90
Location (waters) _____
Well No. 10 Elev. 1088'
District Clay County Monongalia
The surface of tract is owned in fee by Guy L. Neely
Route #1 Address Core, W. Va.
Mineral rights are owned by C. Wayne Davis, et al
640 Madison Ave. Address Morgantown, W. Va.
Drilling commenced June 10, 1965
Drilling completed June 24, 1965
Date Shot - From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Show Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED -

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 5/8"	596'	596'	
6 4-1/2"	2043'	2043'	
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED 8-5/8" SIZE 595' No. Ft. 6-15-65 D
4-1/2" 2046' 6-25-65

COAL WAS ENCOUNTERED AT 204 FEET 96 INCH
457 FEET 60 INCHES 542 FEET 84 INCH
1247 FEET 36 INCHES 1309 FEET 48 INCH

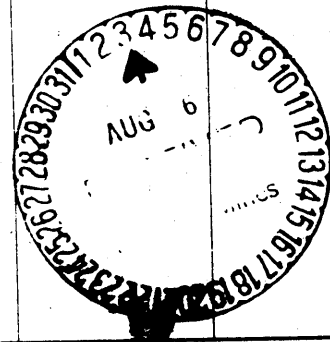
WELL FRACTURED -

RESULT AFTER TREATMENT TO BE USED FOR WATER INTAKE WELL

ROCK PRESSURE AFTER TREATMENT

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			100	129			
Waynesburg			129	181			
Shale Sdy.			181	204			
Waynesburg Coal			204	212			
Shale			212	218			
Ls., Sh. & Silts.			218	457			
Sewickly Coal			457	462			
Shale			462	467			
Ls. & Sh.			467	542			
Pittsbgh. Coal			542	549			
Lower Pit. SS			549	603			
Pitt. Ls.			603	623			
Shale & Sltst.			623	640			
Connellsville SS			640	672			
Ls. Sltst & Sh			672	704			
Clksbg. Ls.			704	712			
Sh. & Sdy Sh.			712	763			
Morgantown SS			763	803			
Sh. & Sdy Sh.			803	893			
Saltsburg SS			893	908			
Pine Crk. Ls			908	912			
Sh. Sdy Sh Sltst.			912	1020			
Buffalo Sdst.			1020	1049			
Shale			1049	1070			
U Mahoning Sdst			1070	1102			
Shale			1102	1130			
L Mahoning SS			1130	1169			
Shale			1169	1215			
SS, Shly			1215	1247			
Coal			1247	1250			



Formation	Color	Hard or Soft	Top 26	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1250	1278			
Shale			1278	1283			
SS, Shly.			1283	1309			
Coal			1309	1313			
Shaly, Sdy.			1313	1359			
Salt Sand			1359	1392			
Shale Sdy.			1392	1445			
Salt Sand			1359	1392			
Shale Sdy.			1392	1445			
Salt Sand			1445	1466			
Shale			1466	1477			
Salt Sand			1477	1563			
Shale, Sdy..			1563	1610			
Sand			1610	1620			
Shale			1620	1667			
Maxon Sd. Shly							
Broken			1667	1706			
Shale			1706	1744			
Little Lime			1744	1760			
Shale			1760	1776			
Big Lime Top			1776				
Li e			1776	1782			
Shale			1782	1790			
Lime			1790	1862			
Shale			1862	1872			
Big Injun SS	371		1872	2008			
Shale			2008	2043			
Total Depth				2043'			

Date July 29, 19 65

APPROVED PENNZOIL COMPANY, Owner

By *A.C. Hilbert*
A. C. Hilbert (Title) Engineer
Engineering Dept.