

Maximum Error of Closure 1:200

Station of Elevation Company Survey Stations Tie In With U.S.G.S. Bench Marks.

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 _____

Company Consolidation Coal Company
 Address PO Box 1314, Morgantown W.Va 26505
 Farm JUNIOR JENKINS
 Tract Acres 107.63 Lease No
 Well Farm No 5 Serial No
 Elevation Spirit Level 1055.02' NC
 Quadrangle Blacksville 7 1/2' x 15'
 County Monongalia District Clay
 Engineer Ray M. Henderson, PE
 Engineer's Registration No. 2-365
 File No. 7-2-80 Drawing No.
 Date 7-2-80 Scale 1" = 500'

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

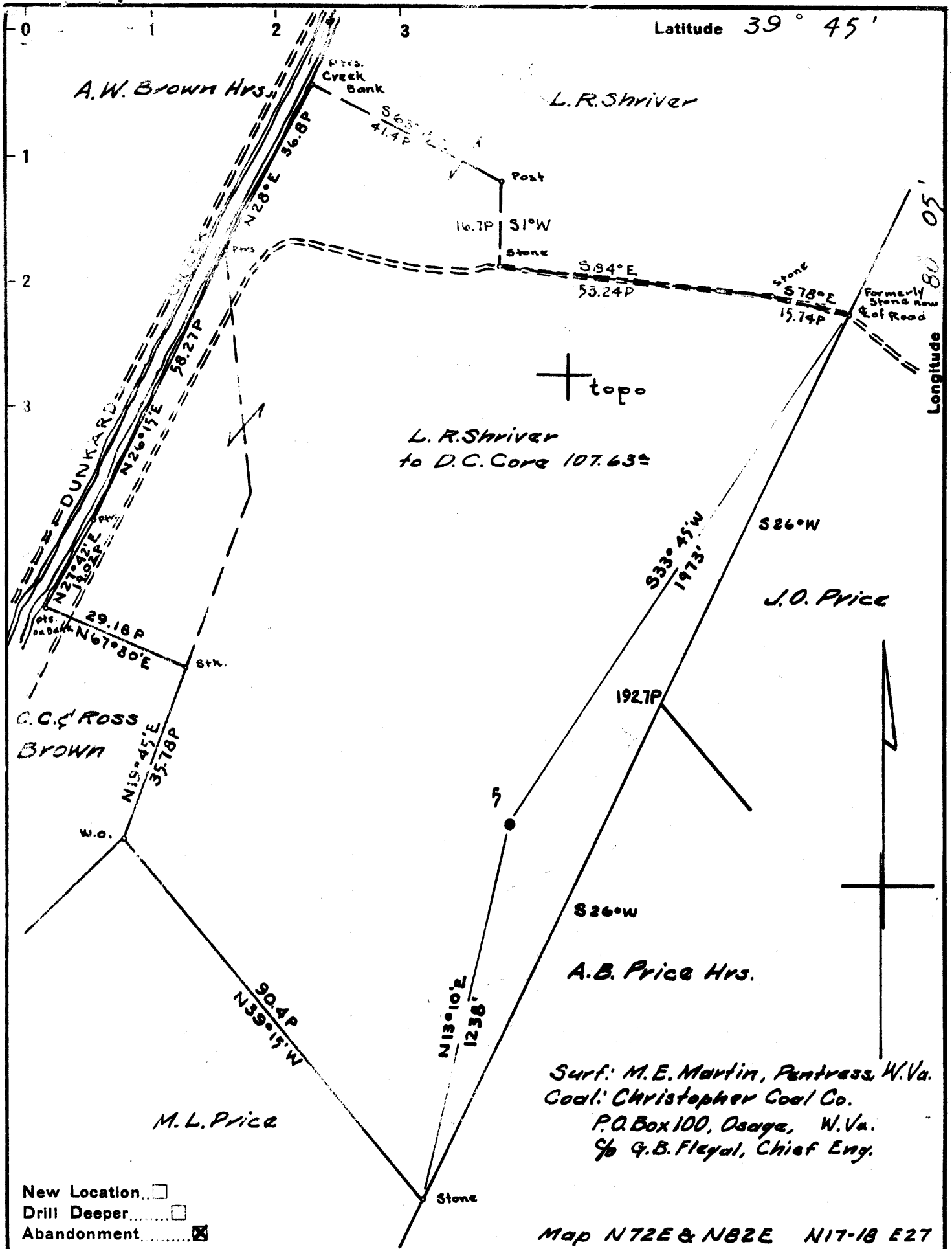
WELL LOCATION MAP

FILE NO. 061-0603-RED-P
 FORMERLY 061-0632-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

Denotes one-half spaces on border line of mineral tracts.

AUG 11 1980



Company South Penn Natural Gas Co.

Address Parkersburg, W. Va.

Farm L.R. Shriver

Tract _____ Acres 180 Lease No. 12829

Well (Farm) No. 5 Serial No. _____

Elevation (Spirit Level) 1055.02

Quadrangle Blacksville

County Monongalia District Clay

Engineer A.E. Hillcutt

Engineer's Registration No. 2534

File No. 1236 Drawing No. _____

Date June 1, 1959 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. MON-632-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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Blockville

Quadrangle Blockville
Permit No. 677A

WELL RECORD

Oil or Gas Well _____ (KIND)

Company South Penn Natural Gas Company
Address P. O. Box 1200, Parkersburg, W. Va.
Farm L. R. Shriver Acres 100
Location (waters) Dunkard Creek
Well No. 5 Elev. 1055.02
District Battelle County Monongalia
The surface of tract is owned in fee by M. E. Martin
Address Pontress, W. Va.
Mineral rights are owned by M. E. Martin
Address Pontress, W. Va.
Drilling commenced 7-6-17
Drilling completed 11-8-17
Date Shot 1-17-18 From _____ To 3015
With 10 qts
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	650	-	Size of
8 1/4	1490	-	
6 5/8	1832	1832	Depth set
5 3/16	2485	2485	
3			Perf. top
2			Perf. bottom
Liners Used	4 1/2" x 4"	484	Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 523 FEET 60 INCHES
615 FEET 84 INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Conductor				16			
Mapletown Coal			523	528			
Pittsburgh Coal			615	622	Water	622	
Big Dunkard			1075	1110			
Gas Sand			1270	1320			
Salt Sand			1450	1613	Water	1485 - 1498	
					Water	1555	
Big Lime			1800	1860			
Big Injun			1860	2070			
					Gas	1883	
					Oil & Water	2000	
Gants			2140	2170			
Fifty Foot			2467	2542			
Stray			2720	2750			
Hole reduced				2995			
Bayard			3012	3025			
					Oil	3015	
Total Depth				3040			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
	N.R. Wood, full specimens						

Date June 4, 19 99

APPROVED SOUTH PENN NATURAL GAS COMPANY, Owner

By George W. Wilgman
 George W. Wilgman (Title) Land Agent

