

Company SOUTHEASTERN GAS CO.  
 Address 1200 UNION BLDG. CHARLESTON, W. VA.  
 Farm STERLING M. CRAIG  
 Tract \_\_\_\_\_ Acres 843 Lease No. WN-9  
 Well (Farm) No. \_\_\_\_\_ Serial No. B-4  
 Elevation (Spirit Level) 1953'  
 Quadrangle SUMMERSVILLE EC  
 County NICHOLAS District HAMILTON  
 Engineer JOHN W. HAMILTON  
 Engineer's Registration No. 2274  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date JULY 17, 1960 Scale 1"=1320'

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

**WELL LOCATION MAP**  
 FILE NO. NIC-12-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

Quadrangle Summersville

Permit No. 12-A

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Southeastern Gas Company  
Address Box 2347, Charleston 23, W. Va.  
Farm Craig Haire (Retaining M. Coop) Acres 54.3  
Location (waters) Muddy Creek  
Well No. 1-1 Elev. 1953  
District Hamilton County Nicholas  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by W. Va. Corporation  
Summersville Address West Virginia  
Drilling commenced November 4, 1923  
Drilling completed January 4, 1924  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 1.1000 Cu. Ft.  
Rock Pressure 4700 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 3/4	203	Pulled	Size of 2 x 7 x 16"
8 5/8	760	"	
6 7/8	1761	1761	Depth set 1786
5 3/16			
3			Perf. top 1806
2 3/8	2037	2037	Perf. bottom 1826
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

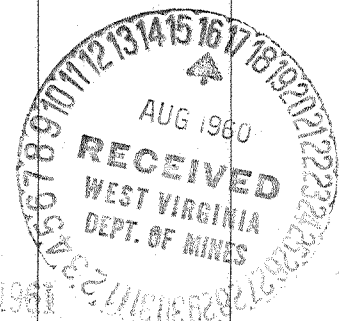
COAL WAS ENCOUNTERED AT 610 FEET 72" INCHES  
75 FEET 60 INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

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
Sand				45			
Slate			45	60			
Line			60	75			
Coal			75	80			
Line			80	135			
Slate			135	220			
Sand			220	235			
Slate			235	280			
Line			280	320			
Slate			320	380			
Line			380	460			
Slate			460	465			
Sand			465	475			
Slate			475	485			
Line			485	525			
L. Shells			525	570			
Sand			570	585			
Line			585	610			
Coal			610	616			
Slate			616	626			
Line			626	640			
Slate			640	650			
Sand			650	670			
Slate			670	755			
Sand			755	843			
Slate			843	984			
Sand			984	1024			
Line			1024	1060			



JAN 3 1961

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1060	1138			
Red Rock			1138	1232			
Sand			1232	1256			
Slate			1256	1304			
Sand			1304	1328			
W. Slate			1328	1368			
Sand			1368	1371			
Slate			1371	1425			
Sand			1425	1430			
Lime Shells			1430	1490			
Sand			1490	1495			
Slate			1495	1580			
Lime			1580	1590			
Sand			1590	1609			
Slate			1609	1620			
Lime			1620	1677			
Pencil Cave			1677	1751			
Big Lime			1751	1801			
Keener & Big Injun			1801	1807			
Big Injun-Lime			1807-	2026			
Total Depth				2037			

Date \_\_\_\_\_, 19\_\_\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)