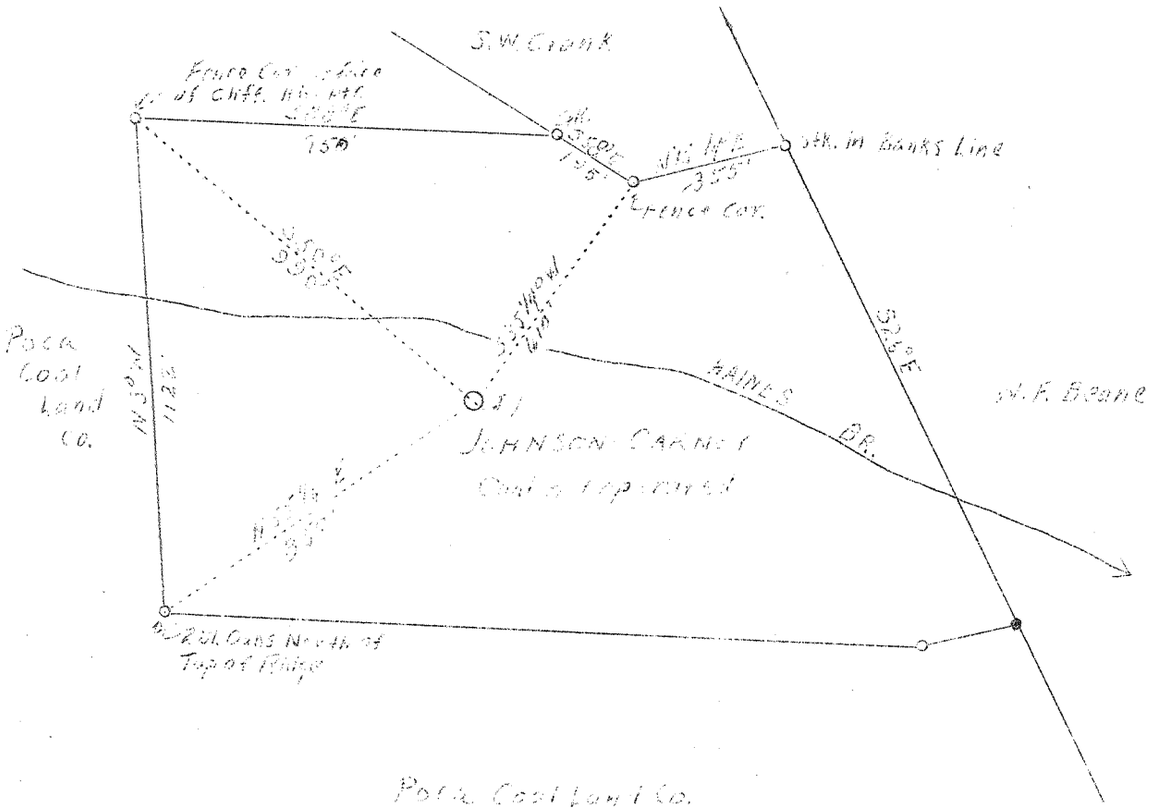
LATITUDE 38° 35'

LONGITUDE 81° 35'

2.19S
4.0W



Poca Coal Land Co.

ARD
5/51

New Location

Company	Mullins Gas Co.
Address	Charleston, W.Va.
Farm	Johnson-Carney
Tract	
Acres	46¼
Well(Farm) No.	1
Elevation(S.L.)	Not given
Quadrangle	Kenna
County	Kanawha
District	Poca
Engineer	G.A.Cunningham
Engineer's Reg.	#659
File No.	60-73
Date	April 3,1933
Scale	1"-400'

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

W E L L L O C A T I O N M A P

File No. Kan-423

xDenotes 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 & GAS DIVISION

W E L L R E C O R D

Permit No. Kan-628 — Gas Well

Konna Quad.

Company	Mullins Gas Co.
Address	Charleston, W. Va.
Farm	Johnson-Carney ACRES 46-1/4
Location	Haynes Br. of Poca River
Well No.	One ELEV. 754
District	Poca - Kanawha County
Surface	E.M.Johnson, Sissonsville, W.Va.
Mineral	½ J.P.Carney, ¼ E.M.Johnson & ¼ Cecle Pearson
Commenced	4/27/39
Completed	7/29/39
Open Flow	200/10ths Water in 7" O.D.
Volume	5,984,000 c.f.
Rock Pressure	1400 lbs. 12 hrs.
Fresh Water	125 and 150
Salt Water	1310

CASING & TUBING

16 Conductor	16	
14	163	163
10-3/4	643	643
8-5/8	1933	1933
7 O.D.	4894	4894
2-3/8	5024	5024

Packer - Parmaco Bot. Hole
Size - 8-5/8x10x12
20 sacks cement
Depth set - 1935
7½
32 half inch bull plugs on bottom
200' csg. 7" cemented July 15, 1939

Formation	Color	Hard or Soft	Top	Base	Result
Soil			0	6	
Clay			6	30	
Slate			30	50	
Red Rock			50	75	
Lime			75	125	W 125
Sand			125	167	2 B hr.
Red Rock			167	350	HFW 150
Blue Slate			350	370	
Red Rock			370	390	
Slate			390	435	
Red Rock			435	450	
Slate			450	500	
Sand			500	522	
Pink Rock			522	528	
Lime			528	540	
Red Rock			540	565	
Sand			565	594	
Slate			594	640	
Sand			640	705	
Slate & Shells			705	845	
Black Slate			845	860	
Sand			860	940	
Slate			940	1010	
Sand			1010	1058	
Slate&Shells			1058	1270	
Salt Sand			1270	1615	SW 1310
Break			1615	1618	
Maxon Sand			1618	1666	
Break			1666	1670	
Little Lime			1670	1699	
Break			1699	1700	
Lime Shell			1700	1712	
Break			1712	1714	
Big Lime			1714	1868	
Injun Sand			1868	1913	
Slate			1913	1930	
Lime Shell			1930	1960	
Slate & Shells			1960	2321	
Berea Shells			2321	2345	
Slate&Shells			2345	3580	
Brown Shale			3580	3640	
Slate&Shells			3640	3935	
Brown Shale			3935	4155	
Slate			4155	4560	
Brown Shale			4560	4780	
Slate			4780	4830	
Coffee Shale			4830	4879	
Corniferous			4879	4992	
Oriskany			4992	5028-6	
Total Depth				5028-6	

Gas at 2329 - test 2/10 W 1" O \5
" " 4994 to 5002 - test 200/10 w 7"
" " 5007 - test 2/10 M 7"
" " 5016 to 5018 - test 10/10 W 7"

Top Oriskany Sand 4992 (SLM)
Gas test at 4995 35/10 W 2" 10 PM 7/23/39
249000 ft.
Gas 4994 - 5002 (11:30 Am 35/10 w 2")
(R.P.610# 9:15 AM 7/24/39)
Drilling at 5004 4:30 PM 7/24/39
Gate leaking badly - 9:45 AM 660#
Gate still leaking - casing & other connections tight - 700# 10:15 AM
Blown off at 10:21 to 10:24 AM
Drilling resumed at 11:40 AM
11:45 AM 100/10 w2" 421,000 cf
11:50 AM 3/10 W 7"OD 24#: 733,000 "
12:05 PM 11/10 W 7" " : 1,404,000 "
12:07 PM 16/10 W 7" " : 1,693,000 "
12:10 PM 20/10 W 7" " : 1,892,000 "
Depth 4998 - 12:45 PM 40/10 W 2,676,000 "
1:00 PM 60/10 W7" 24#: 3,277,000 "
1:15 PM 90/10 W 7" " : 4,014,000 "
1:27 PM 106/10 W 7" " : 4,335,000 "
Depth 5002' 1:45 PM 130/10 W7 4,825,000 "
2: PM 180/10 W 7" 24# : 5,577,000 "
2:12 PM 200/10 W 7" " : 5,984,000
Depth 5002' 2:16 PM tested 180/10 W Tools out of hole, resumed drilling at 3:00 PM
3:30 PM 185/10 W 7" OD casing
4:30 PM 150/10 W 7" OD 5,182,000 cf
12' sand - depth 5204
64/10 W was taken direct from 7" OD Nipple in master gate. Well shut in 5 PM 7/29/39
Well opened July 31, 1939 at 1:05 PM for open flow test -
15 min. after 70/10 W 7" OD 24#
30 " " 68/10 " "
45 " " 67/10 W 7" "
60 " " 66/10 W " "
75 " " 66/10 W " "
Shut in at 2:20 PM