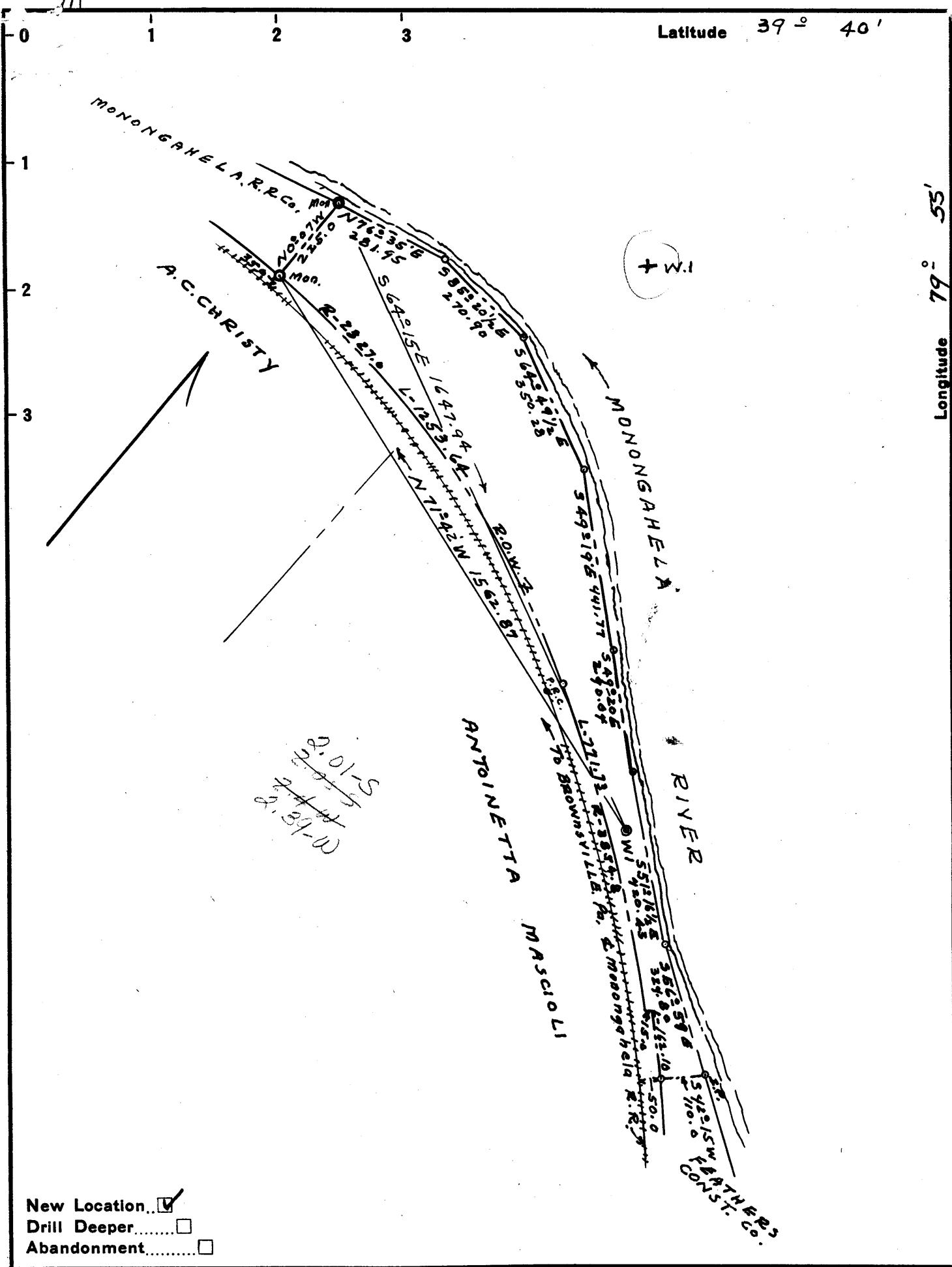


Latitude 39° 40'

Longitude 79° 55'



New Location
 Drill Deeper
 Abandonment

Company: R-F & C. GAS CO.
 Address: No. 238 SPRUCE ST. MORGANTOWN, W. VA.
 Farm: ROGER CAIN
 Tract: 1 Acres 9.90 Lease No. 1
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 812.90
 Quadrangle: MORGANTOWN, W. VA. WC
 County: MONONGALIA District: GRANT
 Engineer: Ralph E. Behm
 Engineer's Registration No. 441
 File No. 2-19D-232 Drawing No. 9047
 Date: JUNE. 10-1960 Scale: 1" = 300'

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

WELL LOCATION MAP
 FILE NO. MON-249

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 15

Quadrangle Morgantown
Permit No. MON. 249

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company R.F.C.
Address 238 Spruce St Morgantown W Va
Farm Roger Cain Acres 9.9
Location (waters) Monongahela River
Well No. 1 Elev. 812.90
District Grant County Monongalia
The surface of tract is owned in fee by Roger Cain
Address Morgantown W Va
Mineral rights are owned by Same
Address _____
Drilling commenced Aug 6, 1960
Drilling completed Sept 9, 1960
Date Shot none From _____ To _____
With _____
Open Flow 2 2/10ths Water in 3/8" Inch
_____ /10ths Merc. in _____ Inch
Volume 14,361 Cu. Ft.
Rock Pressure 485 lbs. 24 hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED _____

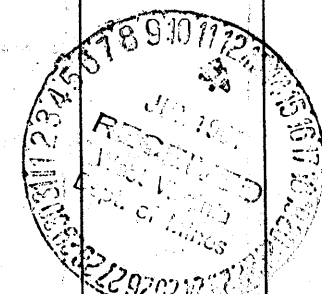
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>None</u>
16			
13			
10	<u>38 ft</u>	<u>38 ft</u>	Size of _____
8 3/4	<u>296-5'</u>	<u>296-5'</u>	Depth set _____
6 3/4	<u>879-10"</u>	<u>879-10"</u>	
5 3/16			
<u>4" - 1160</u>	<u>1458</u>	<u>1458</u>	Perf. top _____
<u>3.55</u>			Perf. bottom _____
Liners Used			Perf. top <u>1044</u>
			Perf. bottom <u>1046</u>

CASING CEMENTED 4" SIZE 1458 No. Ft. 11/26/60 Date
70 sks. Cement - 500# Aquagel - 4000# Baroid
Garaton Service
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
248 FEET 12 INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED 10-26-1960 Fracture sand at 1044 to 1046

RESULT AFTER TREATMENT 470 W 1 1/2" = 128,885 Cu ft
ROCK PRESSURE AFTER TREATMENT 485 lb - 24 hr
Fresh Water 90 ft x 540 ft Feet Salt Water None Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Dumfries	Blue	med	238	248	Water	30 ft	hole full
Coal			248	249	955		
Gas sand	white	soft	249	297	813		
1st Salt Sand	white	Hard	444	464	142		
2nd Salt Sand	white	Hard	472	555	Water	540 ft	hole full
3rd Salt Sand	white	Hard	605	633			835
Mason	white	Hard	690	769			813
Big River	Gray	Hard	835	952			22
Red rock	Red	soft	952	955			
Fracture 371	Cream	Hard	955	1085	Gas	1023	
Squaw	white	Hard	1163	1172		1024	
						1044 to 1046	22/10/58
						1164-1165	92/10/58
						1168-1169	Blow-out



Formation	Color	Hard or Soft	Top 15'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Berea Sand	Gray	hard	1394	1400	Bubble of Gas	1394-1397	
			Total Depth		1465 ft		
			Total Gas when drilling completed		$\frac{2\frac{3}{8} \times 10 \times 1\frac{5}{8}}{10} = 14,361 \text{ cu ft.}$		
			Gas after fracture & clean out		$\frac{4\frac{2}{10} \times 11\frac{1}{2}}{10} = 138,885 \text{ cu ft.}$		

Date May 29, 1961

APPROVED R.F.C. Gas, Owner

By Harrison (Title) Superintendent