



1.485
1.65W

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"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."
Minimum degree of accuracy is one part in 200

Signed *ay Jarney*

R.P.E. No. 2024

COMPANY **COMMONWEALTH GAS CORPORATION**
 ADDRESS **P.O. BOX 1433 CHARLESTON, W. VA. 25325**
 FARM **H. B. TURLEY ET AL**
 MAP **WV II** ACRES **200 (UNIT)** LEASE NO. **2367**
 WELL (FARM) NO. **1** SERIAL NO. **763**
 ELEVATION (SPIRIT LEVEL) **679.7' GROUND**
 QUADRANGLE **ST. ALBANS NE NC**
 COUNTY **POTNAM** DISTRICT **SCOTT**
 POINT OF PROVEN ELEVATION **U.S. CORP OF ENGINEERS RIVER BM**
IN FRAVEL-CHRISTY FENCE LINE 300' WEST OF KANAWHA RIVER
 FILE NO. _____ DRAWING NO. _____
 DATE **SEPT. 8, 1967** SCALE **1" = 660'**

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. **PUT-733**

+ 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

Rotary
Spudder
Cable Tools
Storage

Quadrangle St. Albans N.E.

WELL RECORD

Permit No. Put. 733

Oil or Gas Well Gas
(KIND)

Company <u>Commonwealth Gas Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P.O. Box 1433, Charleston, W. Va. 25325</u>				
Farm <u>H. B. Turley, et al</u> Acres <u>200 Unit</u>	Size			Kind of Packer <u>-</u>
Location (waters) <u>Lick Run of Little Hurricane Crk.</u>	16			Size of <u>-</u>
Well No. <u>763</u> Elev. <u>679.7</u>	13	<u>30</u>	<u>30</u>	Depth set <u>-</u>
District <u>Scott</u> County <u>Putnam</u>	<u>9-5/8"</u>	<u>1733</u>	<u>1733</u>	Perf. top <u>4445</u>
The surface of tract is owned in fee by <u>H. B. Turley, et al</u>	<u>8 1/4"</u>			Perf. bottom <u>4451</u>
<u>705-37th St., Nitro, W. Va.</u> Address	<u>6 5/8"</u>			Perf. top <u>-</u>
Mineral rights are owned by <u>Same & Harry D. Griffith, et al</u>	<u>5 3/16"</u>			Perf. bottom <u>-</u>
Address <u>2017 Violet St., Chas. W. Va.</u>	<u>2</u>	<u>4535</u>	<u>4535</u>	
Drilling commenced <u>September 9, 1967</u>	<u>2 1/2"</u>	<u>4465</u>	<u>4465</u>	
Drilling completed <u>October 28, 1967</u>				
Date Shot <u>From - To</u>	Liners Used			
With <u>-</u>				

Open Flow /10ths Water in - Inch
/10ths Merc. in - Inch
Volume 143,000 (Natural) Cu. Ft.
Rock Pressure 1420 lbs. 24 hrs.
Oil - bbls., 1st 24 hrs.
WELL ACIDIZED -

CASING CEMENTED - SIZE - No. Ft. - Date -
13-3/8" 20 bags, 9-5/8" 140 Bags, 4-1/2" 100 Bags
Gement

COAL WAS ENCOUNTERED AT - FEET - INCHES
- FEET - INCHES - FEET - INCHES
- FEET - INCHES - FEET - INCHES

WELL FRACTURED 10/2/67 & 10/18/67 with 500 gal. Mud Acid - 705 Bbls. Water and 15,000 lbs. 20/40 Sand (Frac. 4449 to 4459)

RESULT AFTER TREATMENT 440,000 cu. ft.

ROCK PRESSURE AFTER TREATMENT 1525

Fresh Water 30 Feet Salt Water 1365 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil & Shale			0	38	Water	30'	Hole Wet
Shale & Lime			38	115			
Sand & Shale			115	1046			
1st Salt Sand			1046	1216			
Lime			1216	1226			
2nd Salt Sand			1226	1388	Salt Water	1365'	Flow
Sand & Lime			1388	1434			
Little Lime			1434	1463			
Sand			1463	1468			
Big Lime			1468	1615			
Shale			1615	1659			
Big Injun Sand			1659	1702			
Shale			1702	2127			
Barco Sand			2127	2149			
Shale			2149	4349			
Carboniferous Lime			4349	4442	Gas	4449-4459	143,000 cu.ft.
Oriskany Sand			4442	4455			
Lime & Shale			4455	4527			
TOTAL DEPTH				4527			
					Final Gauge:	440,000 cu. ft. after second frac job. First cement job did not hold, well was frac. the 2nd time.	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Sprocket
Cable Tools
Storage

Quadrangle St. Albans N.E.

Permit No. Put. 733

WELL RECORD

Oil or Gas Well



Company Commonwealth Gas Corporation
Address P.O. Box 2433, Charleston, W. Va. 25325
Farm H. B. Turley, et al Acres 200 Unit
Location (waters) Lick Run of Little Hurricane Ck.
Well No. 763 Elev 672.7
District Scott County Putnam

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size <u>10-5/8"</u>	<u>1733</u>	<u>1732</u>	Kind of Packer
<u>8"</u>			Size of
<u>6"</u>			Depth set
<u>4 1/2"</u>	<u>1736</u>	<u>1736</u>	Perf. top <u>4445</u>
<u>2"</u>	<u>1740</u>	<u>1740</u>	Perf. bottom <u>4451</u>
Liners Used			Perf. top
			Perf. bottom

The surface of tract is owned in fee by H. B. Turley, et al
3705-37th St., Nitro, W. Va. Address
Mineral rights are owned by DAVE & HARRY D. GILFITH, et al
Address 2017 Violet St., Charleston, W. Va.
Drilling commenced September 9, 1967
Drilling completed October 28, 1967
Date Shot From To
With

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 113,000 (Natural) Cu. Ft.
Rock Pressure 1120 lbs. 24 hrs.
Oil 55 lbs. 1st 24 hrs.

CASING CEMENTED SIZE No. Ft. Date
13-3/8" 20 bags, 2-5/8" 110 bags, 4-1/2" 100 bags
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES
FEET INCHES

WELL ACIDIZED
WELL FRACTURED 10/2/67 & 10/18/67 with 500 gal. Mud Acid - 705 lbs. Water and 15,000 lbs. 20/40 Sand (Frac. 1142 to 1159)
RESULT AFTER TREATMENT 1140,000 cu. ft.
ROCK PRESSURE AFTER TREATMENT 1525

Fresh Water 30 Feet Salt Water 1365 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil & Shale			0	30	Water	30'	Hole Wet
Shale & Lime			30	115			
Sand & Shale			115	1046			
1st Salt Sand			1046	1216			
Lime			1216	1226			
2nd Salt Sand			1226	1388	Salt water	1365'	Flow
Sand & Lime			1388	1434			
Little Lime			1434	1463			
Sand			1463	1468			
Big Lime			1468	1615			
Shale			1615	1659			
Big Injun Sand			1659	1702			
Shale			1702	2127			
Berea Sand			2127	2149			
Shale			2149	4349			
Corniferous Lime			4349	4442			
Oriskany Sand			4442	4455	Gas	1142-1159	113,000 cu. ft.
Lime & Shale			4455	4527			
TOTAL DEPTH				4527			

Final Gauge: 1140,000 cu. ft. after second frac job. First cement job did not hold, well was frac. the 2nd time.

(over)

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