

U.S.A. - DEPT. OF INTERIOR

U.S.A. - DEPT. OF INTERIOR  
TR. No. 34

DEGREE OF ACCURACY  
One Part in 200

BENCH MARK  
Nail in Root of a 16" Beech on Ridge, East Side of a Company Gas Pipe & About 4600' South of Gas Well No. 7469. Elev. 3773.20'

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.

*Seybert R. Jewell*

- New Location
- Drill Deeper
- Abandonment

Company	ATLANTIC SEABOARD CORP.
Address	CHARLESTON W. VA.
Farm	U.S.A. DEPARTMENT OF INTERIOR
Tract	34 Acres 1852 Lease No. 022926
Well (Farm) No.	Serial No. X-77-7457
Elevation (Spirit Level)	3594.38'
Quadrangle	DURBIN Wildell 7.5' quad
County	POCAHONTAS District GREEN BANK
Engineer	<i>Seybert R. Jewell</i>
Engineer's Registration No.	2529
File No.	16279
Date	JUNE 9, 1965
Drawing No.	
Scale	1" = 1320'

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

WELL LOCATION MAP  
FILE NO. Poc-28

+ 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.  
DEEP WELL

13 9-0-26 P.

Latitude 38° 40'

U.S.A. - DEPT. OF INTERIOR

Stk. By Fallen Beech.  
Cherry Pointer.

Standard Concrete Post  
Marked B-1926 Maple Pointer.

N 81° 32' W  
2537.04'

N 24° 54' E  
1494.90'

Stake.

Longitude 79° 45'

U.S.A. - DEPT. OF INTERIOR  
TR. No. 34

7469

7457

Cor. 11, Dead Double Birch  
Snag. Old Marks & Paint

N 65° 51' W  
5331.0'

576° 16' E  
6446.22'

Cor. 10, Large Triple Beech  
Old Marks.

Cor. 9, Large Dead Birch Old  
Marks & Paint.

DEGREE OF ACCURACY

One Part In 200

BENCH MARK

Nail in Root of a 16" Beech on  
Ridge, East Side of a Company Gas  
Pipe & About 4600' South of Gas Well  
No. 7469. Elev. 3773.20'

1.77 S.  
1.33 W.

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.

- New Location...
- Drill Deeper.....
- Abandonment.....

6 NE (I-12) *Seybert R. Jewell*

Company ATLANTIC SEABOARD CORP.

Address CHARLESTON W. VA.

Farm U.S.A. DEPARTMENT OF INTERIOR

Tract 34 Acres 1852 Lease No. 022926

Well (Farm) No. \_\_\_\_\_ Serial No. X-77-7457

Elevation (Spirit Level) 3594.38'

Quadrangle DURBIN - EC

County POCAHONTAS District GREEN BANK

Engineer *Seybert R. Jewell*

Engineer's Registration No. 2529

File No. 162-79 Drawing No. \_\_\_\_\_

Date JUNE 9, 1965 Scale 1" = 1320'

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

WELL LOCATION MAP

FILE NO. Pec-28

+ 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.

6 samples 72

Gas Storage

Deep Well 9-0-26



1-17-66  
WBS

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 14

Quadrangle Durbin  
Permit No. Poca. 28

WELL RECORD

Oil or Gas Well Storage Gas  
(KIND)

Company Atlantic Seaboard Corporation  
Address Box 1273, Charleston, W. Va.  
Farm Dept. of Interior Tract 34 Acres 1852  
Location (waters) West Fork Greenbrier River  
Well No. X-77 7457 Elev. 3594.38  
District Green Bank County Pocahontas  
The surface of tract is owned in fee by Department of Interior  
Address Washington, D.C.  
Mineral rights are owned by Same  
Address \_\_\_\_\_

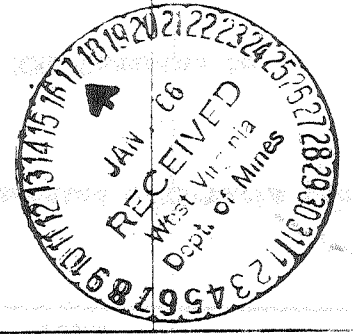
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
X 13 3/8	64'	64'	
10			Size of
X 9 5/8	1369	1369	
6 5/8			Depth set
X 7"	6270'	6270'	
3			Perf. top
X 2 3/8	6401'	6401'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced November 1, 1965  
Drilling completed November 28, 1965  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in. \_\_\_\_\_ Inch  
See Back /10ths Merc. in. \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
See reverse side  
WELL FRACTURED \_\_\_\_\_

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT See reverse side 2,600,000  
ROCK PRESSURE AFTER TREATMENT See reverse side  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand - Shale			0	1500'	Fresh	Water	105'
Shale			1500	1750			
Sand - Shale			1750	3500'			
Shale			3500	4000'			
Sand - Shale			4000	4725'			
Shale			4725	5696			
Tully Lime			5696	5722			
Marcellus Sh.			5722	5980			
Onondaga Lime			5980	6030			
Chert			6030	6118			
Shale			6118	6156	Gas	6300	
Oriskany Sand			6176	6370		6341	
Helderberg Lime			6370	6373			
T.D.				6373	Total Gas	100/10 W2"	419M
			5980	6176	6370		
			3594	3594	3594		
			2386	2582	2776		



Formation	Color	Hard or Soft	Top /4	Bottom	Oil, Gas or Water	Depth Found	Remarks
<b><u>CASING &amp; CEMENT:</u></b>							
13-3/8", 48#/ft., H-40 casing - 64' (threads on) set at 64' KB. cemented w/45 sacks neat cement w/3% cacl. - 11-1-65.							
9-5/8", 32#/ft., H-40 casing - 1368.97' (threads on) set at 1364' KB. Cemented to surface with 465 sacks neat cement with 3% cacl - Dowell - 11-6-65							
7", 23#/ft., J-55 & N-80 casing - 6270' (threads on) set at 6186' csg. flg. Cemented to surface (two-stage) with 1160 cubic feet "Litepoz" cement. First stage tailed in with 450 gal. "Cealment". Second stage tailed in with 100 gal. "Cealment". - Dowell - 11-23-65							
2", 4.7#/ft., J-55 EUE tubing - 6401' (threads on) set at 6369' (tubing hanger). Ran as siphon string. - 11-29-65							
<b><u>LOGGING:</u></b>							
Gamma Ray, Temperature - 5500' to 6373' - Basin Surveys - 11-28-65							
<b><u>STIMULATION:</u></b>							
20,000 gal. 15% H Cl Acid, 10,000 gal. water overflush and 168,000 scf of N <sub>2</sub> - Dowell & Aircowell - 12-1-65							
<b><u>PRODUCTION:</u></b>							
Before stimulation: 100/10 W-2" = 419 Mcf							
After stimulation: 2,600 M. <span style="float: right;">Open flow is calculated maximum open flow at field pressure of 2050#.</span>							
Final shut-in: 12-15-65							

Date Jan 10, 1966

APPROVED Atlantic Seaboard Corp., Owner

By H. H. Hufferd (Title) Supt.