



BENCH MARK DESCRIPTION
 U.S. G. S. Standard Disk Stamped 42 JEA
 Set In Concrete Monument By Sec. Rt. No 82
 And About 1.3 Mi. N.W. Of Intersection Of Sec.
 Rt. No 80 And Sec. Rt. No 82. Elev. 2398.70'

ACCURACY - One Part In 200

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- 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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company ATLANTIC SEABOARD CORP.
 Address CHARLESTON, W. VA.
 Farm LINDSLEY E. NICE
 Tract _____ Acres 281 Lease No. A5-522
 Well (Farm) No. _____ Serial No. 7521
 Elevation (Spirit Level) 2463.49'
 Quadrangle KINGWOOD C
 County PRESTON District UNION
 Engineer Clayton E. Anderson
 Engineer's Registration No. 2330
 File No. 170-129 Drawing No. _____
 Date JAN. 22, '70 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Pres-144

+ 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 WELLS DIVISION 7

Rotary
Spudder
Cable Tools *3 Hops*
Storage *Storage*
Oil or Gas Well *Gas*
(KIND)

WELL RECORD

Quadrangle Kingwood
Permit No. Pres. 144

Company Atlantic Seaboard Corporation
Address P. O. Box 1273, Charleston, W. Va. 25325
Farm Lindsley E. Nice Acres 281
Location (waters) Big Run
Well No. X-76-S-7521 Elev. 2463.49
District Union County Preston
The surface of tract is owned in fee by Lindsley E. Nice
Address Rowlesburg, W. Va.
Mineral rights are owned by Lindsley E. Nice, et.al.
Address Rowlesburg, W. Va.
Drilling commenced May 15, 1970
Drilling completed June 3, 1970
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs:
WELL ACIDIZED (DETAILS) (See Reverse Side)
WELL FRACTURED (DETAILS)
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 3.156 M 3,156.000
ROCK PRESSURE AFTER TREATMENT 1500 HOURS 24 hours
Fresh Water Feet Salt Water Feet
Producing Sand Depth

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
17 13 3/8'	26'	26'	Size of
18 9 5/8'	2259'	2259'	Depth set
8 1/4			Perf. top (See Reverse Side)
6 3/4 7"	5612'	5612'	Perf. bottom Side
5 3/16			Perf. top
4 1/2			Perf. bottom
3			
2 2 3/8'	5834'	5834'	
Liners Used			

Attach copy of cementing record.
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags) (See Reverse Side)
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Millstone & Shale			0	5108	Measured from KB		
Cherty Limestone			5108	5137	5578	5755	5870
Shale			5137	5578	2478	2478	2478
Onondaga Limestone			5578	5597	3100	3277	3392
Cherty - Huntersville			5597	5743	Gas		
Shale - Newmore			5743	5755			
Frankany			5755	5870			
Total Depth Helderberg			5870	5890			

RECEIVED
NOV 27 1970

OIL & GAS DIVISION
DEPT. OF MINES

Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
NOTE:							
13 3/8"							48#/ft., H-40 casing cemented to surface with 20 sacks of neat cement plus 2% CaCl., May 15, 1970.
9 5/8"							36#/ft., casing cemented to surface with 780 sacks of neat cement plus 2% CaCl., May 21, 1970.
7"							23#/ft., K-55, Seal-lok casing cemented in 1000' with 135 sacks of neat cement and 45 sacks of latex. May 28, 1970. Gel drilling mud to surface. 7" casing set 22' into chert.
2 3/8"							4.6#/ft., J-55, Seal-lok tubing run to T. D. (1) Baker Model "J" ported seating nipple, (1) Baker BFC Model "L" sliding sleeve. Sliding sleeve is 423' off bottom. June 3, 1970.
Perforation:							
Both chert and Oriskany open hole completion.							
Core:							
Recovered a total of 9' of Onondaga lime, bottom section, plus 29' of chert. Hycaloc, Inc. May 27, 1970 - June 1, 1970.							
Stimulation:							
Halliburton stimulated both the Oriskany and chert pays using (1) drum of Barlod B-11, 1500 gallons 28% HCL acid, and 750 barrels of fresh water. Average pressure 1900#, average pump rate 19 IPM. October 12, 1970.							
Logging:							
Gamma Ray - CCL: 5890' - 5000', June 2, 1970							
Caliper: 5890' - 5600', June 2, 1970							
Temperature: 5890' - 5600', June 2, 1970.							

Date Nov 20, 1970

APPROVED Atlantic Seaboard Corp. Owner

By [Signature] Supt
(Title)