



**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. NW OF  
 Intersection of Sec. Rt. No 80 & Sec. Rt.  
 No 82. Elev. 2398.70'

**ACCURACY One Part In 200**

Fracture	<input type="checkbox"/>
Before 6/5/29	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input type="checkbox"/>

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. AS-522  
 Well (Farm) No. \_\_\_\_\_ Serial No. 7522  
 Elevation (Spirit Level) 2657.20'  
 Quadrangle KINGWOOD  
 County PRESTON District UNION  
 Engineer Adrian E. Karpman  
 Engineer's Registration No. 12330  
 File No. 172-127 Drawing No. \_\_\_\_\_  
 Date JAN. 21, '70 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. Pres-145

+ 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  
 APR 6 1970



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION 8

Rotary   
Spudder   
Cable Tools   
Storage   
Oil or Gas Well  Storage  NOLL (KIND)

WELL RECORD

Form 05-10  
39-30  
5-44  
Quadrangle Kingwood  
Permit No. Pres. 145

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-7522 Elev. 2657.20  
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 June 8, 1970  
Drilling completed July 2, 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.) 1.138 M 1.138,000  
ROCK PRESSURE AFTER TREATMENT 1620 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			
13 3/8"	27'	27'	Size of
9 5/8"	2408'	2408'	Depth set
8 1/4"			
7"	6254'	6254'	Perf. top. (See Reverse Side)
5 3/16"			Perf. bottom. Side)
4 1/2"			Perf. top.
3"			Perf. bottom.
2 3/8"	6380'	6380'	
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. Dowell  
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
Siltstone & Shale			0	5480	Measured from KB		
Bulky Lime			5480	5530			
Shale			5530	6026			
Onondaga Lime			6026	6058			
Chert			6058	6232			
Crinkly Sand			6232	6365	Water and Gas		
Walden Lime			6365				
Total Depth			485	6405			

RECEIVED  
NOV 27 1970  
OIL & GAS DIVISION  
DEPT. OF MINES

Formation	Color	Hard or Soft	Top 8	Bottom	Oil, Gas or Water	Depth Found	Remarks
<b>NOTE:</b>							
13 3/8"	48#/ft.,	H-40, casing cemented to surface with 19 sacks of neat cement plus 2% CaCl.					June 8, 1970.
9 5/8"	36#/ft.,	K-55, casing cemented to surface with 810 sacks neat cement plus 2% CaCl.,					June 20, 1970.
7"	23#/ft.,	K-55, Seal-lok casing cemented in 1000' with 375 gallons of Cement plus 132 sacks of neat cement. Gel drilling mud to surface.					June 28, 1970.
7"	23#/ft.,	N-80 casing, 16 joints,					June 28, 1970.
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 429' off bottom,					August 13, 1970.
<b>Perforations:</b>							
		Chert (6080' - 6160')					with 80, 3 1/2" glass jet shots. Oriskany open hole. August 8, 1970.
<b>Stimulation:</b>							
		Halliburton My-T-Frac treatment was tried on the Oriskany sand section, using 15,000 gallons My-T-Frac gel, 210 sacks of 20/40 sand, 70 sacks of 10/20 sand, 1000 gallons 15% HCL acid. Breakdown 3800 #, average pressure 3600#, average pump rate 11.7 BPM. Total amount of water pumped was 930 barrels. July 31, 1970.					
		Halliburton latter stimulated the chert section only using 15,000 gallons My-T-Frac gel, 1000 gallons regular 15% acid, 130 sacks 20/40 sand, 120 sacks 10/20 sand. Breakdown 2900#, average pressure 3700#, average pump rate 17.1 BPM. Total water pumped was 850 barrels. August 8, 1970.					
<b>Logging:</b>							
	Gamma Ray	- C.C.L.:	6403' - 5400'				, July 2, 1970.

Date November 20, 1970

APPROVED

*Atlantic Seaboard Corp.* Owner  
*W. H. McNeill* Supt  
 (TTL)