



BENCH MARK DESCRIPTION

U.S.G.S. Standard Disk Stamped  
42 JEA Set in Concrete Monument  
By Sec. Rt. N<sup>o</sup> 82 & About 1.3 Mi. NW  
Of Intersection Of Sec. Rt. N<sup>o</sup> 80 And  
Sec. Rt. N<sup>o</sup> 82. Elev. 2398.70'

ACCURACY 1 Part in 200

<p>Fracture</p> <p>Before 6/5/29 <input type="checkbox"/></p> <p>New Location <input checked="" type="checkbox"/></p> <p>Drill Deeper <input type="checkbox"/></p> <p>Redrill <input type="checkbox"/></p> <p>Abandonment <input type="checkbox"/></p>	<p>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.</p> <p>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.</p>
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Company ATLANTIC SEABOARD CORP.

Address CHARLESTON, W. VA.

Farm MADELINE WHITEHAIR ET. AL.

Tract \_\_\_\_\_ Acres 228 Lease No. A5-494

Well (Farm) No. \_\_\_\_\_ Serial No. 7519

Elevation (Spirit Level) 2230.47'

Quadrangle KINGWOOD C

County PRESTON District UNION

Engineer Adrian Edgeman

Engineer's Registration No. 2330

File No. 172-129 Drawing No. \_\_\_\_\_

Date JAN. 15, '70 Scale 1" = 400'

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

**WELL LOCATION MAP**  
FILE NO. Pres-143

+ 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

Rotary   
Spudder   
Cable Tools   
Storage  **ET MOLL**  
Oil or Gas Well Gas **Storage**  
(KIND)

WELL RECORD

Form 66-10  
39130  
534

Quadrangle Kingwood  
Permit No. Pres. 142

Company Atlantic Seaboard Corporation  
Address P. O. Box 1273, Charleston, W. Va. 25325  
Farm Madeline Whitehair et. al. Acres 228  
Location (waters) Kinsinger Run  
Well No. X-76-S-7519 Elev. 2230.47'  
District Union County Preston  
The surface of tract is owned in fee by Mildred Hexenbaugh  
Address \_\_\_\_\_  
Mineral rights are owned by Madeline Whitehair et. al.  
Address Terra Alta, W. Va.  
Drilling commenced August 9, 1970  
Drilling completed August 29, 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) \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8"	32'	32'	Size of
10 9 5/8"	2150'	2150'	Depth set
8 1/4"			
6 1/4"	7"	5409'	5409'
5 3/16"			Perf. top (See Reverse Side)
4 1/2"			Perf. bottom
3"			Perf. top
2 3/8"	5589'	5589'	Perf. bottom
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 \_\_\_\_\_

RESULT AFTER TREATMENT (Initial open Flow or 1 1/4) 258 M 258.000  
ROCK PRESSURE AFTER TREATMENT 1100# HOURS 12  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Siltstone & Shale			0	4794	Measured from KB		
Muddy Lime			4794	4823			
Shale			4823	5231			
Onondaga Lime			5231	5250			
Chert			5250	5265			
Onondaga Lime			5265	5273			
Chert			5273	5407			
Shale			5407	5417			
Oriskany Sand			5417	5546	Gas		
Meldevberg Lime			5546				
Total Depth				5750			

RECEIVED  
NOV 27 1970

Formation	Color	Hard or Soft	Top $\epsilon$	Bottom	Oil, Gas or Water	Depth Found	Remarks
NOTE:							
13 3/8"	48#/ft.,	H-40, casing	cemented to	surface with	29 sacks of neat cement plus		
	2% CaCl.	August 10,	1970.				
9 5/8"	36#/ft.,	K-55, casing	cemented to	surface with	704 sacks of neat cement plus		
	6,262 lbs. of kolite and	2% CaCl,	August 16,	1970.			
7"	23#/ft.,	K-55, Seal-lok,	casing cemented in	1000' with	524 gallons latex plus		
	110 sacks of neat cement,	August 25,	1970.				
2 3/8"	4.7#/ft.,	J-55, Seal-lok tubing,	run to 5589'	(1) Baker Model "J" ported seating nipple, (1) Baker BFC Model "L" sliding sleeve. Sliding sleeve is 568' off bottom,	August 29,	1970.	
Perforations:	Chert (5277' - 5347')	with 70,	3 1/2" Alum Jet shots.	Oriskany open hole.	Basin Surveys Inc.,	August 28,	1970.
Stimulation:	Dowells wide-frac treatment was	tried on the Oriskany sand only,	using 12,500 gallons of YF6G and 15,000 lbs. of 10/20 sand. Unable to put gel and gel with sand away into formation, due to pressure limits on casing. All gel and sand flushed back out of well bore.	September 4,	1970.		
	Halliburton latter stimulated both the oriskany and chert pays using one (1) drum Baroid B-11, 1500 gallons of 28% HCl acid, and 624 barrels of fresh water. Average pressure 2400#, average pump rate 20 BPM,	September 25,	1970.				
Logging:	Gamma Ray: 5750' - 4700',	August 28,	1970				
	Temperature: 5750' - 5400',	August 28,	1970				
	Gamma Ray - Correlation: 5450' - 5200',	September 16,	1970.				

Date November 10, 19 70  
APPROVED Atlantic Subsea Corp. Owner  
By J. McFadden Sept.  
(TB/c)