



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 MAY M. WOLFE

Tract _____ Acres 187 Lease No. AS 501

Well (Farm) No. _____ Serial No. 7517

Elevation (Spirit Level) 2002.06'

Quadrangle KINGWOOD C

County PRESTON District UNION

Engineer Adrian E. Edgeman

Engineer's Registration No. 2330

File No. 172-129 Drawing No. _____

Date JAN. 14, 1970 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. Pres-141

+ 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 4

Rotary
Spudder
Cable Tools
Storage or NO. 11
Oil or Gas Well Gas (KIND)

Form OG-19

29-30
5-35

Quadrangle Kingwood
Permit No. Pres. 141

WELL RECORD

Company <u>Atlantic Seaboard Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Box 1273, Charleston, W. Va. 25325</u>	Size			Kind of Packer
Farm <u>May M. Wolfe</u> Acres <u>187</u>	16			
Location (waters) <u>Wolfe Run</u>	13 3/8"	21'	21'	
Well No. <u>X-76-S-7517</u> Elev. <u>2002.06</u>	9 5/8"	1826'	1826'	Size of
District <u>Union</u> County <u>Preston</u>	8 1/4"			Depth set
The surface of tract is owned in fee by <u>Helen Wolfe Bowman</u> Address <u>Kingwood, W. Va.</u>	7"	5290'	5290'	
Mineral rights are owned by <u>Helen Wolfe Bowman</u> Address <u>Kingwood, W. Va.</u>	5 3/16"			Perf. top. (See Reverse Side)
Drilling commenced <u>June 29, 1970</u>	4 1/2"			Perf. bottom
Drilling completed <u>August 1, 1970</u>	3"			
Date Shot <u>From</u> <u>To</u>	2 3/8"	5440'	5440'	
With	Liners Used			

Attach copy of cementing record.

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 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 buty 21.0 M 71,000
ROCK PRESSURE AFTER TREATMENT 1590# HOURS 48
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	4234	Measured from KB		
fully Lime			4234	4284		4989	5280
Shale			4284	4989		2002	2002
Monongahela Lime			4989	5019			
Shert			5019	5225	Gas		
Shale			5225	5285			
Shert			5285	5270	Gas		5410
Shale			5270	5280			2002
Priskany Sand			5280	5410	Gas		
Elderberg Lime			5410				
Total Depth				5454			

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

Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
NOTE:							
13 3/8"							40#/ft., H-40, casing cemented to surface with 16 sacks of neat cement plus 2% CaCl., June 29, 1970.
9 5/8"							36#/ft., K-55, casing cemented to surface with 680 sacks neat cement plus 2% CaCl., July 7, 1970.
7"							23#/ft., K-55, Seal-1ok casing cemented to surface with 643 sacks neat cement plus 1369 gallons of latex (Cealment) cement. Two stage cementing procedure. July 25, 1970.
2 3/8"							4.7#/ft., J-55, Seal-1ok tubing, run to T.D. (1) Baker Model "J" ported seating nipple, (1) Baker BFC Model "L" sliding sleeve. Sliding sleeve is 418' off bottom. August 1, 1970.
Perforations:							Chert, (5029' - 5192') with 196, 3 1/2" Alum Jet shots. Oriskany open hole. Basin Surveys Inc., July 31, 1970.
Stimulation:							Pumped 144 barrels of fresh water with 18 lbs. of J-134, followed with 3,000 gallons 28% Hcl Dowell Super X Acid. Flushed with 193 barrels of fresh water. Average pressure 2000#, pump rate 3 BPM. Dowell stimulated well on August 27, 1970.
Logging:							Gamma Ray: 5454' - 4000', July 24, 1970 and July 31, 1970. Cement Bond: 5280' - 4050', July 31, 1970. Caliper: 5290' - 1800', July 24, 1970. Gamma Ray - Correlation: 5454' - 4950', July 31, 1970.

Date: November 9, 1970
 APPROVED Atlantic Seaboard Corp. Owner
 By [Signature] (Title) Sup