



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 TERRA ALTA LAND CO.  
 Tract Acres 1555 Lease No. 45-572-B  
 Well (Farm) No. 7524 Serial No. 7524  
 Elevation (Spirit Level) 2109.88'  
 Quadrangle KINGWOOD  
 County PRESTON District UNION  
 Engineer Clayton E. Harman  
 Engineer's Registration No. 2330  
 File No. 170-127 Drawing No.           
 Date JULY 14, '70 Scale 1" = 800'

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

**WELL LOCATION MAP**  
 FILE NO. Pres-151

+ 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 10

Rotary   
Spudder   
Cable Tools   
Storage

*Storage*  
Oil or Gas Well  (KIND)

Quadrangle Kingwood  
Permit No. Pres. 151

**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			
Farm <u>Terra Alta Land Co., Inc. Acres 1555</u>	16			Kind of Packer
Location (waters) <u>Big Run</u>	17 13 3/8"	26'	26'	Size of
Well No. <u>X-76-S-7524</u> Elev. <u>2109.88</u>	16 9 5/8"	1878'	1878'	Depth set
District <u>Union</u> County <u>Preston</u>	8 1/4			Perf. top (See Reverse Side)
The surface of tract is owned in fee by <u>Terra Alta Land Co., Inc.</u> Address <u>Terra Alta, W. Va.</u>	6 3/4 7"	5626'	5626'	Perf. bottom
Mineral rights are owned by <u>Terra Alta Land Co. Inc.</u> Address <u>Terra Alta, W. Va.</u>	5 3/16			Perf. top
Drilling commenced <u>August 28, 1970</u>	4 1/2			Perf. bottom
Drilling completed <u>September 12, 1970</u>	3			
Date Shot <u>From</u> <u>To</u>	Liners Used			
With				
Open Flow <u>/10ths Water in</u> <u>Inch</u>	Attach copy of cementing record.			
<u>/10ths Merc. in</u> <u>Inch</u>	CASING CEMENTED <u>SIZE</u> <u>No. Ft.</u> <u>Date</u>			
Volume <u>Cu. Ft.</u>	Amount of cement used (bags) <u>See Reverse Side</u>			
Rock Pressure <u>Ibs.</u> <u>hrs.</u>	Name of Service Co. <u>Halliburton</u>			
Oil <u>bbls., 1st 24 hrs.</u>	COAL WAS ENCOUNTERED AT <u>FEET</u> <u>INCHES</u>			
WELL ACIDIZED (DETAILS) <u>(See Reverse Side)</u>	<u>FEET</u> <u>INCHES</u> <u>FEET</u> <u>INCHES</u>			
WELL FRACTURED (DETAILS)	<u>FEET</u> <u>INCHES</u> <u>FEET</u> <u>INCHES</u>			
RESULT AFTER TREATMENT (Initial open Flow or bbls.) <u>174. M</u>				
ROCK PRESSURE AFTER TREATMENT <u>1300 #</u> <u>HOURS</u> <u>12 hours</u>				
Fresh Water <u>Feet</u> <u>Salt Water</u> <u>Feet</u>				
Producing Sand <u>Depth</u>				

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale and Siltstone			0	5023	Measured from KB		
Tully Lime			5023	5053			
Shale			5053	5466	5466	5633	5760
Onondaga Lime			5466	5487	2125	2125	2125
Chert - <u>Hunterville</u>			5487	5622	3341	3508	3635
Shale - <u>NEEDMORE</u>			5622	5633			
Oriskany Sand			5633	5760			
Heldenberg Lime			5760				
Total Depth				5805			

**RECEIVED**

JAN 18 1971

OIL & GAS DIVISION  
DEPT. OF MINES

Formation	Color	Hard or Soft	Top 10	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. August 28, 1970.						
9 5/8"	36#/ft., K-55, casing cemented to surface with 780 cubic feet of Gilsonite plus CaCl. September 2, 1970.						
7"	23#/ft., K-55, Seal-look casing cemented in 1000' with 378 gallons latex, 157 cubic feet Gilsonite. September 8, 1970. Gel drilling mud to surface. Casing set about 8 feet in oriskany sand.						
2 3/8"	4.6#/ft., J-55, Seal-look tubing, run to T.D. (1) Baker Model "J" ported seating nipple, (1) Baker BFC Model "L" sliding sleeve. Sliding sleeve is 421' off bottom. September 12, 1970.						
Perforations:							
Chert (5497' - 5597') with 100, 3 1/2" glass jets shots.							Oriskany open hole. Basin Survey Inc. September 11, 1970.
Stimulation:							
Halliburton stimulation both the oriskany and chert pays using (1) one drum Baroid B-11, 1500 gallons 28% HCL acid and 575 barrels of fresh water. Average pressure 2300# average pump rate 20 BPM.							September 18, 1970.
Logging:							
Gamma Ray - PDC (5805' - 4900'),							September 11, 1970.

Date December 7, 1970.

APPROVED

By

*Walter S. ...* Owner  
*W. ...* (PUC) Sept