



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

Quadrangle Kingwood

Permit No. Fres.-103

WELL RECORD

Oil or Gas Well Gas

(KIND)

Company Atlantic Seaboard Corporation
Address P. O. Box 1273, Charleston, W. Va.
Farm Noah Bucklew Acres 77
Location (waters) Kinsinger Run of Salt Lick Creek
Well No. A-9234 Elev. 1807.70
District Union County Preston
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced September 3, 1962
Drilling completed September 23, 1962
Date Shot - From - To -
With -

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume See reverse Cu. Ft.

Rock Pressure See reverse lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED See reverse

WELL FRACTURED -

RESULT AFTER TREATMENT See reverse

ROCK PRESSURE AFTER TREATMENT See reverse

Fresh Water See below Feet _____ Salt Water _____ Feet _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer -
16			
18			
<u>10 11-3/16"</u>	<u>63'</u>	<u>63'</u>	Size of -
<u>8 8-5/8"</u>	<u>1005'</u>	<u>1005'</u>	Depth set -
6 5/8			
5 3/16			
<u>4 1-1/2"</u>	<u>5359'</u>	<u>5359'</u>	Perf. top -
2			Perf. bottom -
Liners Used			Perf. top -
			Perf. bottom -

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

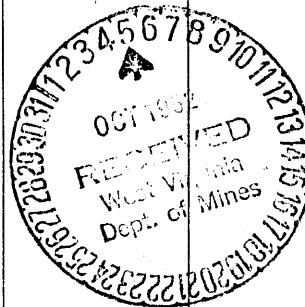
See reverse

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'	4244'	Fresh water: 78', 160'-165', 290'-295'		
Tully Shale			4244'	4298'			
Onondaga Lime			4298'	4954'			
Chert			4954'	4972'			
Shale			4972'	5170'			
Oriskany			5170'	5182'	Gas: 5196', 5200', 5217', 5252'		
Helderberg			5182'	5317'			
Total Depth				5389'			
			<u>4954</u>	<u>5182</u>			
			<u>1808</u>	<u>1808</u>			
			<u>3146</u>	<u>3374</u>			
				<u>5317</u>			
				<u>1808</u>			
				<u>3509</u>			



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Logging:	Gamma Ray 5379' to Surface 9-23-62 Temperature Log 5389' to 4270' 9-23-62 Formation Density Log 5386'-4900' 9-23-62 Gamma Ray-Correlation 5290'-4900' 9-23-62						
Casing & Cement:	11-3/4", 47#/ft., J-55 Casing - 6312' set at 73' (KB). Cemented to surface with 30 sacks neat cement 9-4-62. 8-5/8", 24#/ft., J-55 casing - 1004.58' set at 1012' (KB). Cemented to surface with 185 sacks 4% gel cement 9-8-62 4-1/2", 11.6#/ft., J-55 casing - 5358.60' set at 5331' (KB). Cemented with 68 sacks latex cement through productive zones, 50 sacks 4% gel cement, gel drilling mud to surface 9-24-62						
Perforations:	4 holes/ft - 5190'-5200', 5210'-5220', 5227'-5232', 5246'-5252', 5256'-5263', 5276'-5286' - 9-25-62						
Stimulation:	500 gallons 15% special mud acid - 9-26-62 10,000 gallons 15% HCl (DS-30) acid - 9-26-62 Average Injection rate 2.9 bbl./min. Maximum Pressure 1950 psi Average Pressure 400 psi S. I. Pressure Vacuum Prod. natural before running & cementing casing - 8/10 w-4" 474,000 cu. ft. Prod. following perforating - show Prod. following mud acid - show Prod. following HCl acid - 50/10 M-4" 4,378,000 cu ft. Open flow (final) 50/10 M-4" 4,378 MCF - 2 hour Rock Pressure (final) 23 hour S.I. 955 psi 28 hour S.I. 965 psi						

Date Oct 3, 1962
APPROVED Atlantic Seaboard Corp. Owner
By Gene Ford Supt.
(Title)