



- Fracture Before 6/5/27
- 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.

PROVEN ELEVATION 3102.22'

Company ATLANTIC SEABOARD CORP.

Address CHARLESTON W. VA.

Farm U.S.A. DEPT. OF INTERIOR

Tract 32 Acres 1063.6 Lease No. 42-700

Well (Farm) No. _____ Serial No. 7471

Elevation (Spirit Level) 3482.28'

Quadrangle SPRINGWOOD - NW

County RANDOLPH District DRY ROCK

Engineer Sybert R. Kern

Engineer's Registration No. _____

File No. 164-37 Drawing No. _____

Date APRIL 18, 1966 Scale 1" = 1000'

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

WELL LOCATION MAP
FILE NO. RAW-124

- * 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.

9-0 261

DEEP WELL {Oriskany storage
T.D. = Helderberg

EVL



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Spruce Knob

Permit No. RAN.-124

WELL RECORD

Oil or Gas Well Gas Storage
(KIND)

Company Atlantic Seaboard Corp.
Address P.O. Box 1273 Charleston, W. Va, 25325
Farm United States of America Acres
Location (waters) East Fork of Gladly Creek
Well No. X-77-7471 Elev. 3482.20'
District Dry Fork County Randolph
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by U. S. Geological Survey
3218 General Services Bldg. Washington, D.C. 20240
Drilling commenced 7-19-66
Drilling completed 7-31-66
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packer
Size			Kind of Packer
16			
13 3/8		44' Cemented	
10			Size of
8 9-5/8"		1687' Cemented	
8 7"		5336' Cemented	Depth set
5 3/16			
3			Perf. top
2 3/8		5579'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
Volume 142,198,000 - Oriskany Cu. Ft.
Rock Pressure 1710 lbs. hrs.
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags)
Name of Service Co.
COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
Fresh Water 1240' Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	27	Fresh water	1240'	
Sand			27	50			
Shale			50	125	Gas	5337-5340	
Sand			125	200			
Shale			200	445	Increased from	5440-5442'	
Sand			445	560	"	5515'	
Shale			560	1060	"	5525'	
Sand			1060	1210	"	5535'	
Sand & Shale			1210	1600			
Sand			1600	1850	All gas gauged when drilling completed		
Sand & Shale			1850	2700	18# spring gauge thru 4" 11,721 M		
Shale			2700	3070			
Sand & Shale			3070	4030			
Shale			4030	4855	Test before acidized 18# spring gauge		
Gully			4855	4875	thru 4" 11,721 M		
Miscellus Shale			4875	5130	Acidized 8-4-66 with 12,000 gallons 28%		
Onondaga Lime			5130	5190	Hcl acid, 4,000 gallons water over-		
Chert - <u>HRV</u>			5190	5280	flush		
Needmore Shale			5280	5331	Test after acidized - 142,198 Mcf		
Oriskany Sand			5331	5570			
Helderberg			5570				
Total Depth			5587'		Shut in 8-8-66		

