

BENCH MARK DESCRIPTION
 U. S. G. U. E. Spike in roof of double white oak on north side of road about 800' below Kingsinger Run. Elev. 1676.70'
 Accuracy of one part in 200

0.51 S.
 4.489 W.

New Location
 Drill Deeper
 Abandonment

6 NW(F-13) *Sybert R Jewell*

Company	ATLANTIC SEABOARD CORP.
Address	CHARLESTON, W. VA.
Farm	BERNADETTE COLE ET. AL.
Tract	Acres 21.9 Lease No. AS-332
Well (Farm) No.	Serial No. 7418
Elevation (Spirit Level)	1974.28'
Quadrangle	KINGWOOD-EC
County	PRESTON District PORTLAND
Engineer	<i>Sybert R Jewell</i>
Engineer's Registration No.	2529
File No.	172-131 Drawing No.
Date	3-21-63 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. PRES-109

+ 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.

notes TCP 4400' - 5116'

Deep Well

TCP

Longitude 79° 30'

Latitude 39° 25'



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION / 8

Quadrangle Kingwood

WELL RECORD

Permit No. PRES-109

Oil or Gas Well Storage
(KIND)

Company Atlantic Seaboard Corporation
Address Terra Alta, West Virginia
Farm Bernadette Cole, Et Al Acres 219
Location (waters) Salt Lick
Well No. 7418 Elev. 1974.28
District Portland County Preston
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Joseph P. Cassidy, et al
3328 Glenmowr Ave. Address Pittsburgh, Penna.
Drilling commenced June 6, 1963
Drilling completed June 23, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume See reverse Cu. Ft.
Rock Pressure Storage lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED See reverse

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			None
13-3/8 48#	413'	413'	Size of
9-5/8 32#	301'	201'	Depth set
7 23	4836'	4836'	Perf. top
1/16			Perf. bottom
3-3/8 4.60#	5096'	5096'	Perf. top
Liners Used			Perf. bottom

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

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

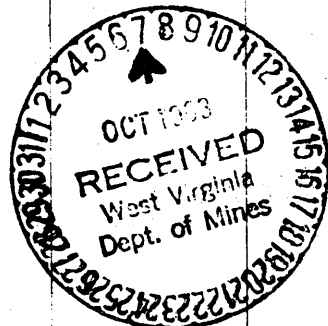
WELL FRACTURED _____

RESULT AFTER TREATMENT See reverse

ROCK PRESSURE AFTER TREATMENT Storage

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Siltstone & Shale			0	4220	4796	4960	5088
Tully Lime			4211	4235	1974	1974	1974
Siltstone & Shale			4235	4796	2822	2986	3114
Onondaga Lime			4796	4816			
Chert			4816	4947			
Shale			4947	4960			
Oriskany Sand			4960	5088			
Helderberg Lime			5088				
Total Depth				5116			



Formation	Color	Hard or Soft	Top 1/8	Bottom	Oil, Gas or Water	Depth Found	Remarks
Logging:							
Gamma Ray Temperature			4000' to 4200'	5107' to 5116'	6-24-63	Schlumberger	
Casing & Cement:							
20" Road casing (conductor) - 6' Driven into 17½" drilled hole 6-6-63. Not cemented.							
13-3/8", 48#/ft. H-40 casing - 413' (threads on) set @420' (KB). Cemented w/380 sacks neat cement and 2% Ca Cl - 6-10-63 - Dowell.							
9-5/8", 32#/ft. H-40 casing - 1346' (threads on) set @1350' (KB). Cemented 40 sacks neat cement and 2% Ca Cl - 6-13-63 - Dowell. Back off 9-5/8" Left and Right collar and pulled 1145' (threads on) 9-5/8" casing. Left 291' (threads on) 9-5/8" casing in well - 6-20-63. Top and Left and Right nipple left in well was rolled out - 6-20-63.							
7", 23#/ft. J-55 casing - 4836' (threads on) set @4820' (KB). Two stage cemented to surface. 1st stage - 200 cu. ft. "Litepoz" and 200 sacks Class A cement tailed w/170 gallons of "Cealment" (Latex cement). 2nd stage - 455 cu. ft. "litepoz" and 455 sacks Class A cement tailed w/20 sacks of regular cement and 2% Ca Cl - 6-21-63 - Dowell.							
2-3/8", 4.60#/ft. j-55 tubing - 5096' (threads on) Suspended from tubing hanger - siphon string w/bottom joint slotted & end closed 6-25-63.							
Stimulation:							
1st - 1500 gal. MCA; 2000 gal. 15% Regular HCl Acid; 8,000 gal. Flac X-2 and 70,000 scf N ₂ - 7-2-63 - Dowell							
2nd - 5000 gal. 15% Retarded HCl Acid; 5000 gal. 15% Regular HCl Acid; 5,000 gal. water overflush and 150,000 scf of N ₂ - 7-13-63 - Dowell.							
Production:							
During Drilling: Chert gas - show - 6-23-63 Chert & Oriskany - 650 Mcf - 6-23-63							
Before Acid: No test							
After Acid: 2,600 Mcf @2350 psig (Back Pressure Test) - 7-19-63							
Final Shut-in: 7-19-63							

OCT 3 1963

Date _____, 19____

APPROVED _____
By Herneford Supt (Title)
ATLANTIC SEABOARD CORPORATION, Owner