

Notes: This Map is For Well Location Only & Does Not Represent A Complete Property Survey. Location Determined By Differential GPS

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2")

FILE NO. _____
 DRAWING NO. 7525
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Existing Wells
Concrete Pads

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) Edrick
 R.P.E. _____ L.L.S. 798

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE May 4, 2001
 OPERATOR'S WELL NO. 7525
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS," PRODUCTION _____ STORAGE X DEEP _____ SHALLOW _____)

LOCATION: ELEVATION 2278.4' WATER SHED Left Fork Of Madison Run Of Cheat River
 DISTRICT Union COUNTY Preston
 QUADRANGLE Rowlesburg WV COORDINATES LAT: 39°20'19" LONG: 79°37'53"

SURFACE OWNER Floyd C. Bolyard, Et. Ux. ACREAGE 84
 OIL & GAS ROYALTY OWNER Same LEASE ACREAGE 84
 COAL OWNER Same LEASE NO. 91165

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Storage Recondition

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

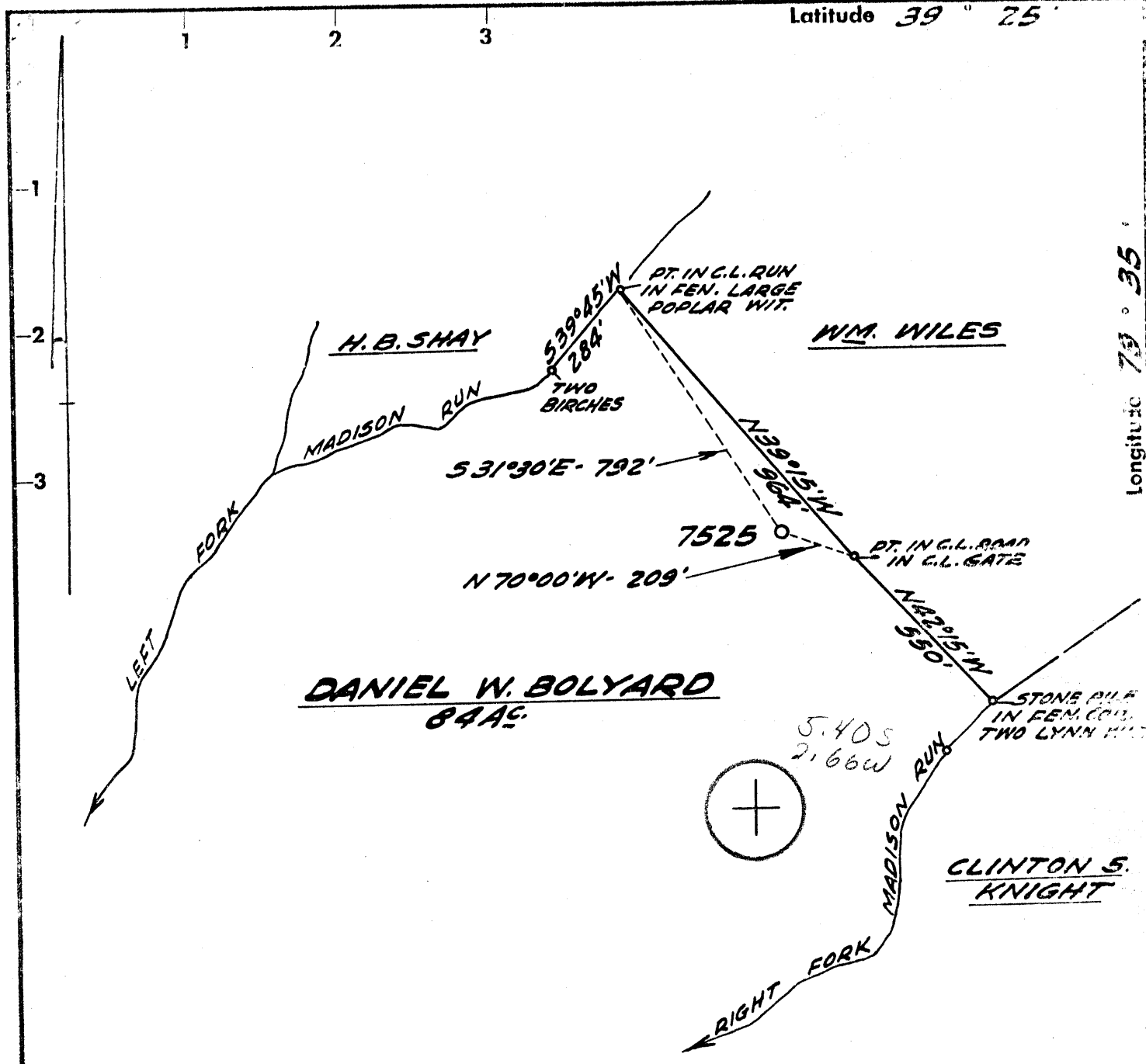
TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT PAUL AMICK
 ADDRESS PO Box 1273, Charleston, WV 25325-1273 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273

FORM WV-6

PRESTON COUNTY NAME PERMIT 149 W

JUL 06 2001



BENCH MARK DESCRIPTION

U.S.G.S. Standard Disk Stamped 42 J.E.A.
 Set in Concrete Monument by Sec. Rt. No 82 And
 About 1.3 Mi. N.W. of Intersection of Sec. Rt. No 80
 And Sec. Rt. No 82. Elev. 2398.70'

7525

ACCURACY - One Part in 200.

- 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 **DANIEL W. BOLYARD**
 Tract _____ Acres **84** Lease No. **A5-1165**
 Well (Farm) No. _____ Serial No. **7525**
 Elevation (Spirit Level) **2278.38**
 Quadrangle **KINGWOOD**
 County **PRESTON** District **UNION**
 Engineer **Wm. E. Sandman**
 Engineer's Registration No. **2330**
 File No. **170-127** Drawing No. _____
 Date **FEB. 6, 1970** Scale **1" = 400'**

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

WELL LOCATION MAP
 FILE NO. **Pres-149**

⊕ 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 Terra Alta 280

Deep Well (Criskany)

JUL 19 1970



RECEIVED

JAN 18 1971

Map Square 170-127

OIL & GAS DIVISION
 DEPT. OF MINES
 STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Kingwood

Permit No. Pres. - 149

WELL RECORD

Oil or Gas Well Storage
 (KIND)

Company Atlantic Seaboard Corporation
 Address P. O. Box 1273, Charleston, W. Va. 25325
 Farm Daniel W. Bolyard Acres 84
 Location (waters) Madison Run
 Well No. X-76-S-7525 Elev. 2278, 38
 District Union County Preston
 The surface of tract is owned in fee by Daniel W. Bolyard
 Address Aurora, W. Va.
 Mineral rights are owned by Floyd C. Bolyard
 Address Aurora, W. Va.
 Drilling commenced July 9, 1970
 Drilling completed July 25, 1970
 Date Shot From To
 With _____
 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 and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8"	32'	32'	
9 5/8"	2100'	2100'	Size of
8 1/4			
7"	5974'	5974'	Depth set
5 3/16			
4 1/2			
3			Perf. top (See Reverse Side)
2 3/8"	6146'	6146'	Perf. bottom
Liners Used			Perf. top Side)
			Perf. bottom

Attach copy of cementing record.
 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 bbls.) 15 M
 ROCK PRESSURE AFTER TREATMENT 1300# HOURS 12 hours
 Fresh Water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale and Siltstone			0	5374	Measured	from KB	
✓ Tully Lime			5374	5398			
Shale			5398	5837			
✓ Onondaga Lime			5837	5845	5837	5989	6117
✓ Chert - HUNTERSVILLE			5845	5972	2293	2293	2293
✓ Shale - NEENANDEE			5972	5989	3544	3696	3824
✓ Oriskany Sand			5989	6117			
✓ Helderberg Lime			6117				
Total Depth				6157			
				485			

(over)

GS 7.0 Terra Alta 280

JAN 25 1971

Formation	Color	Hard or Soft	Top φ	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.					July 9, 1970.
9 5/8"	36#/ft.	K-55, casing cemented to surface with 770 sacks of neat cement plus 2% CaCl.					July 14, 1970.
7"	23#/ft.	K-55, Seal-lok casing cemented in 1000' with 378 gallons latex, and 157 cubic feet of neat cement.					July 22, 1970. Gel drilling mud to surface. Casing set about 3 feet in Oriskany sand.
2 3/8"	4.6#/ft.	J-55, Seal-lok tubing, run to T.D. (1) Baker Model "J" ported seating nipple, (1) Baker BFC Model "L" sliding sleeve. Sliding sleeve is 429' off bottom.					September 11, 1970.
Perforations:							Chert (5858' - 5958') with 100 3 1/2" glass jets shots. Oriskany open hole. Basin Surveys Inc. September 11, 1970.
Stimulation:							Halliburton stimulated both the Oriskany and Chert pays using (1) one drum Baroid B-11, 2000 gallons 15% HCL acid and 560 barrels of fresh water. Average pressure 3800#, average pump rate 7 BPM. September 14, 1970. Dowell stimulated the Oriskany pay only using 1000 gallons Dowell Super X acid and 350 barrels of fresh water. Average pressure 4200#, average rate 2 BPM. September 8, 1970.
Logging							Gamma Ray - PDC (6146' - 5300') September 11, 1970

Date December 17, 1970

APPROVED *Albert S. ...* Owner

By *...*