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Form OP-77
Obverse

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA
Department of Energy
Charleston, West Virginia 25311

ARCH A. MOORE, JR.
Governor

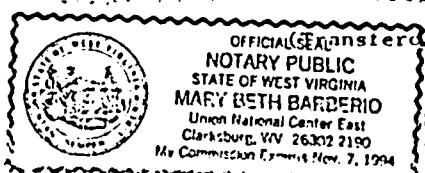
Commissioner

This is to acknowledge that the wells listed on the Exhibit hereto attached are hereby transferred from OWENS-ILLINOIS GLASS CONTAINER INC. (the transferor) to NOUMENON CORPORATION 34710 (the transferee). The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22B, Article 1 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells. The transferee's designated agent (name) Stephen K. Shuman, President, (address) 256 High Street, Morgantown, WV 26507-0842, is on file with the Division of Oil and Gas. The transferee has bonded the said wells by securities, cash, or surety (circle one) bond identified below by amount, effective date, issuing authority, and any identifying number. Bond # 498G256A \$50,000.00 issued by The Travelers Indemnity Company

(Transferee) NOUMENON CORPORATION

By: Stephen K. Shuman
Its: President

Taken, subscribed and sworn to before me this 3rd day of June, 1988
Notary Public Mary Beth Barberio
My commission expires March 7, 1994



OFFICIAL (SEAL) (transferor) OWENS-ILLINOIS GLASS CONTAINER INC.
By: Frank Molando
Its: Vice President, Area Manufacturing Manager

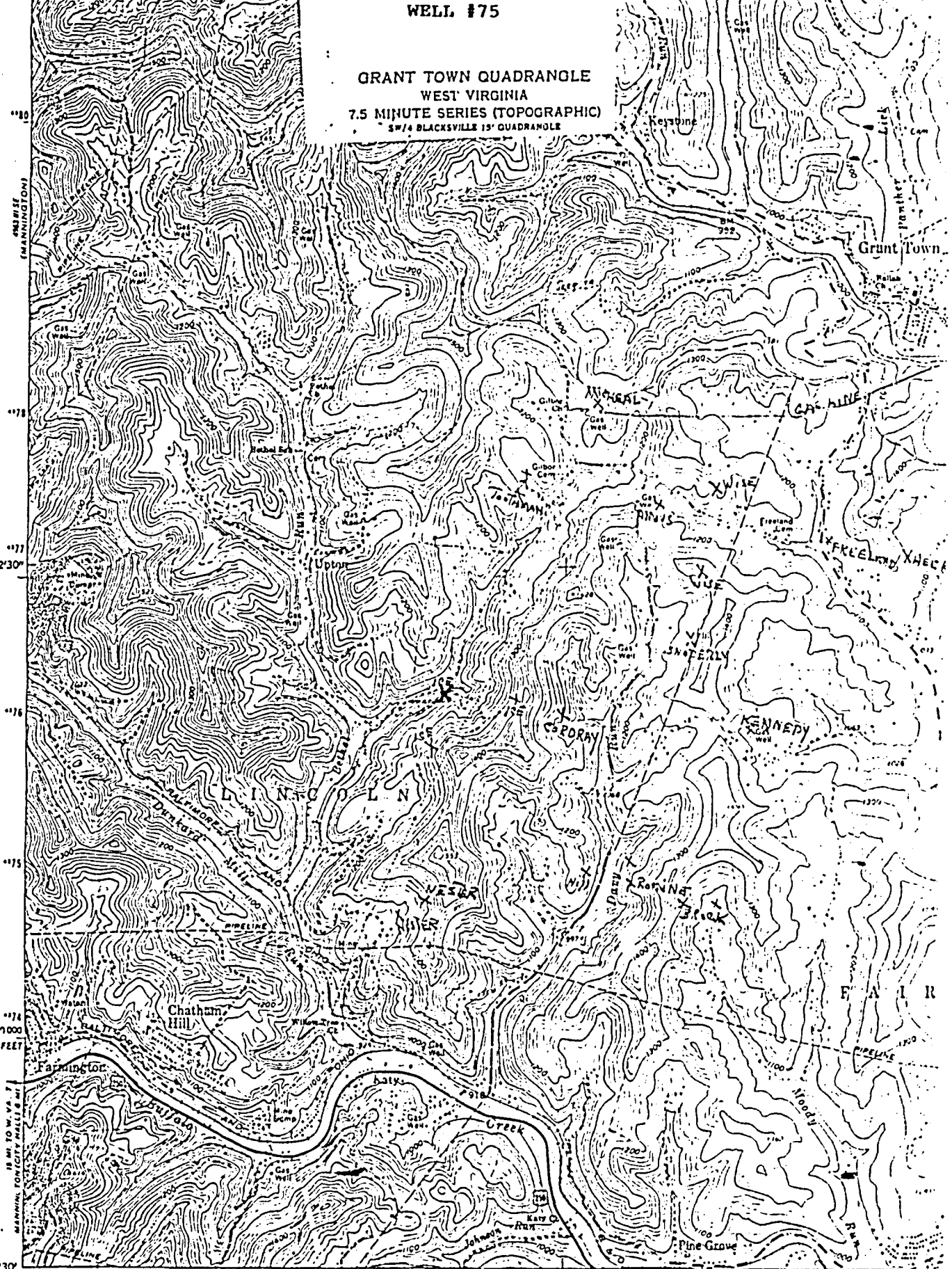
Taken, subscribed and sworn to before me this 2nd day of June, 1988
Notary Public Dianne M. Gempel
My commission expires August 27, 1991

DIANNE M. GEMPEL
Notary Public, State of Ohio
My Commission Expires August 27, 1991

ACCEPTED THIS 8th DAY OF June, 1988
BY: [Signature]
Director - Division of Oil and Gas

WELL #75

GRANT TOWN QUADRANGLE
WEST VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 BLACKSVILLE 15' QUADRANGLE

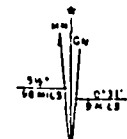
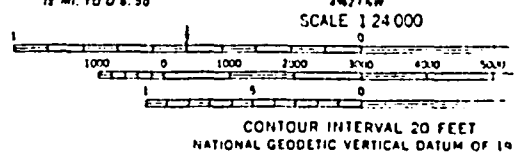


32°30' 32°20' 32°10' 32°00' 31°50'

18 MI. TO W. VA. 71
MARKING FOR CITY MILES & MI.

80°15' 1179000 FEET 166 167 12°30' FAIRMONT JUNC. U.S. 193 & 2 MI. 18 MI. TO U.S. 30 (FAIRMONT WEST) 4621 MW

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1960
Polyconic projection. 1927 North American datum
10,000-foot grid based on West Virginia coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Red tint indicates area in which only landmark buildings are shown
Revisions shown in purple compiled from aerial photographs
taken 1976. This information not field checked.



UTM GRID AND 1976 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VA.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAIL.

47-049-0859

THE OWENS BOTTLE COMPANY

237 API WELL NO. 47-049-0859

Serial Well No. 237

Lease No.

Elevation

RECORD OF WELL No. 1 on the	Conductor, Casing and Tubing	GAS WELL
Carver Lee & Co. Tract of 20 Acres	Conductor: 14" USED IN DRILLING: LEFT IN WELL: 16"	INITIAL OPEN FLOW 210,000 cubic feet
In Lincoln District	Casing: 13"	CLOSED IN-PRESSURE
Marion County, State of W. Va.	" 10" 21 445' 445'	2" Tubing Casing Braden-head
Rig Commenced	" 8 1/2" 53 1048' None	7/15/25 1 Min. 12 Pounds
Rig Completed	" 6 1/2" 81 1693'-7" 1693'	3 Min. 17 Pounds
Drilling Commenced May 6th, 1925.	" 5 3/8" 13 2785' 2785'	4 Min. 25 Pounds
Drilling Completed July 8th, 1925.	Tubing 3"	5 Min. 35 Pounds
Drilling to cost per foot	" 2" 13 2785' 2785'	10 Min. 55 Pounds
Contractor is:	Packer 6 5/8 x 2 x 16" Hooter	24 Hours 340 Pounds
Address: String # 1 of the	MAX Ancher and Vall	7/17/25 Pounds
The Owens Bottle Co., Gas Department	Set 1967'-4" from top	
Drillers' Names G. W. Kings George O. Gray Russell Michael	Shot 19 , with qts.	OIL WELL
Well Abandoned and plugged		INITIAL PRODUCTION
		Oil flowed barrels
		Oil pumped barrels

DRILLER'S RECORD

FORMATION	Top	Bottom	Thickness	REMARKS
Surface gravel	0	14	14	
Sand	14	25	11	
Lime	25	250	225	
" and slate	250	292	42	Water: 250' - 7 barrels per hour
Explosion coal	292	299	6	
Hard lime	299	375	77	
Slate	375	411	36	
Pittsburgh coal	411	419	8	Steel line measurement
Lime and slate	419	450	31	Coal cemented 5/21/25 - 30 sacks of cement - 60 sacks of sand
Slate	450	540	90	
Murphy sand	540	560	20	Water: 500' - 3 barrels per hour
Slate	560	600	40	10" casing set 445' - Steel line
Lime	600	625	25	
Slate	625	650	25	
Sand	650	675	25	
White slate	675	700	25	
Lime	700	775	75	
Little dark sand	775	800	25	
Big dark sand	800	940	140	
Lime	940	1000	60	
Slate	1000	1025	25	
Sand	1025	1050	25	8 1/2" casing set 1048' - Steel line
Lime	1050	1100	50	
" and slate	1100	1150	50	
Gas sand	1150	1160	10	Water: 1165' - 1 barrel per hour.
Slate and shells	1160	1200	40	Exhausted
First salt sand	1200	1275	75	Gas: 1150 - 1165' - Show only. Not tested.
Second salt sand	1275	1300	25	
Slate and shells	1300	1325	25	
Third salt sand	1325	1432	107	

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DIVISION OF OIL & GAS
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FORMATION	TOP	BOTTOM	THICKNESS	REMARKS	DATE
Black slate	1438	1500	62		
Blue sand	1500	1525	25		
Lime	1525	1575	50		
Lime shells	1575	1640	65		
Little lime	1640	1640	0		
Pencil core	1640	1647	7		
Big lime	1647	1732	85	6 5/8" casing set 1635'-7" - Steel	
Injun sand	1732	1842	110	line measurement	
Lime shells	1842	1929	87	Steel line on Injun Sand	
Berea Grit	1929	2004	75	Gas: 1830 - 1846' - Show only.	
Lime shells	2004	2100	96	Not tested	
Lime sand slate	2100	2232	132		
Gems sand	2232	2273	41	Gas: 2230 - 2244 - 1 1/2" water in	
Slate and shells	2273	2295	22	2" - 189,000 cu. ft. Steel line	
Fifty feet sand	2295	2340	45	measurement on Gems Sand.	
Red rock	2340	2345	5		
Thirty feet sand	2345	2450	105		
Sand shells	2450	2475	25		
Order stray	2475	2500	25		
Lime shells	2500	2590	90		
Order sand	2590	2640	50	Gas: 2642 - 2645' - Tested 6/30/25	
Red rock	2640	2648	8	increased to 6/10 water in 6 5/8" -	
Fourth sand	2648	2680	32	1,250,000 cu. ft.	
Lime shells	2680	2735	55	7/1/25 - Tested 60/20 water in 3" -	
Fifth sand	2735	2765	30	890,000 cu. ft.	
Lime shells	2765	2800	35	7/2/25 - Tested 46/10 water in 2" -	
White slate	2800	2900	100	354,000 cu. ft.	
Hard lime	2900	2925	25	7/8/25 - Tested 23/10 water in 2" -	
White slate	2925	2980	55	23/10 - 251,000 cu. ft.	
Lime stone	2980	2970	10	Gas: 2760 - 2765' - 4 1/2" water in	
White slate	2970	3032	62	2" - 108,000 cu. ft. Blow out	
Total depth		3032		Steel line measurement on the Fifth Sand.	
				Well plugged stems etc from 3032 ft. up to 2800 ft.	
				When tested total test of all gas 1 1/2" water in 2" - 210,000 cu. ft.	
				First perforation set 2762' from top	
				Second " " 2634' " "	
				Third " " 2246'-5" " "	
				Total actual drilling days 58	

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DEC 14 1987

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