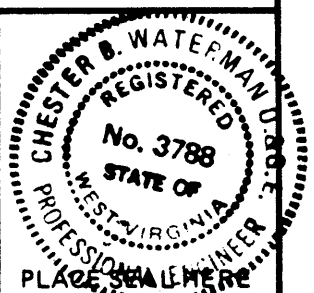


FILE NO. 83-605
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1" / 200'
 PROVEN SOURCE OF ELEVATION USBM ON R.R. (612)

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 MINES.

(SIGNED) *Chester B. Waterman*
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 10/25 19 83

OPERATOR'S WELL NO. 1
 API WELL NO. _____

47 - 107 - 1304
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X

LOCATION: ELEVATION 620 WATER SHED OHIO RIVER
 DISTRICT WILLIAMS COUNTY WOOD
 QUADRANGLE PARKERSBURG 7.5 & 15' EC

SURFACE OWNER BROCKWAY GLASS CO., INC. ACREAGE 21.42
 OIL & GAS ROYALTY OWNER BROCKWAY GLASS CO., INC. LEASE ACREAGE 21.42
 LEASE NO. _____

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

JAN 3 1984

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION BEREA ESTIMATED DEPTH 2100'
 WELL OPERATOR BLAUSER WELL SERVICE DESIGNATED AGENT STANLEY WILSON
 ADDRESS P. O. BOX 829 MARIETTA, OH 45750 ADDRESS BIG SPRINGS, WV 26137
6 to Parkersburg (308)

IV-35
(Rev 8-81)



Date September 25, 1984
Operator's
Well No. 1
Farm Brockway
API No. 47-107-1304

State of West Virginia

Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production ___ / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 620 Watershed Ohio River
District: Williams County Wood Quadrangle _____

COMPANY Blausler Well Service, Inc.
ADDRESS P. O. Box 829, Marietta, Ohio 45750
DESIGNATED AGENT Stanley Wilson
ADDRESS Rt. #1 Box 116, Big Springs, WV 26137
SURFACE OWNER Owen of Illinois
ADDRESS Rt. #1 Box 13, Parkersburg, WV 26101
MINERAL RIGHTS OWNER same
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Glen
Robinson ADDRESS _____
PERMIT ISSUED December 30, 1983
DRILLING COMMENCED 5-25-84
DRILLING COMPLETED 5-30-84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	52	52	-
13-10"			
9 5/8			
8 5/8	812	812	to surface
7			
5 1/2			
4 1/2	1990	1990	135 sx
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON n/a

GEOLOGICAL TARGET FORMATION Berea Depth 1904 feet
Depth of completed well 1996 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 40 feet; Salt 1438 feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Berea Pay zone depth 1904 feet
Gas: Initial open flow 53 Mcf/d Oil: Initial open flow 5 Bbl/d
Final open flow 48 Mcf/d Final open flow 4 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 620 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation n/a Pay zone depth n/a feet
Gas: Initial open flow n/a Mcf/d Oil: Initial open flow n/a Bbl/d
Final open flow n/a Mcf/d Oil: Final open flow n/a Bbl/d
Time of open flow between initial and final tests n/a hours
Static rock pressure n/a psig (surface measurement) after n/a hours shut in

NOV 05 1984

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

13 shots 1906-12 *Berea*

Fractured with 46,000 lbs 20/40 sand. 600 bbls water

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	812	
Sand			812	886	
Shale			886	912	
Sand			912	992	
Shale			992	1008	
Sand			1008	1038	
Shale			1038	1105	
Sand			1105	1142	
Shale			1142	1246	
Sand			1246	1308	
Shale			1308	1340	
Sand			1340	1400	
Shale			1400	1438	
Sand			1438	1540	Big Injun Salt water
Shale			1540	1904	
Sand			1904	1912	Berea Oil & gals.
Shale			1912	1996TD	Devonian Shale

(Attach separate sheets as necessary)

Blausser Well Service, Inc.
Well Operator

By: *Dennis D. Blausser* President

Date: September 25, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



1) Date: November 29, 19 83
 2) Operator's Well No. Brockway Glass Co., Inc #1
 3) API Well No. 47 - 107 - 1304
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 620 Watershed: Ohio River
 District: Williams County: Wood Quadrangle: Parkersburg 7.5'
 6) WELL OPERATOR Blauser Well Service, Inc. 7) DESIGNATED AGENT Stanley K. Wilson
 Address P.O. Box 829 Address Rt. #1 Box 116
Marietta, OH 45750 Big Springs, WV 26137
 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Jerry Tephabock
 Address Rt. #1, Box 101-A
Ripley, WV 25271
 9) DRILLING CONTRACTOR: Name Haight, Inc.
 Address 4424 Emerson Ave.
Parkersburg, WV 26101
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Berea
 12) Estimated depth of completed well, 2000 feet
 13) Approximate strata depths: Fresh, 50 feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____

RECEIVED
 DEC 12 1983
 OIL & GAS DIVISION
 DEPT. OF MINES
 PACKERS

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8 5/8		20#	X		300'	300'	cement to surface	by rule 15.05
Coal									
Intermediate									
Production	4 1/2"	K55	10#	X		2000'	2000'	150 sks	Depths set
Tubing									or as req. by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1304 Date December 30, 19 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires December 30, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

BOND	gent: <input checked="" type="checkbox"/>	Plat: <u>MH</u>	Casing: <input checked="" type="checkbox"/>	Fee: <u>1101</u>
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Margaret J. Bass
 Administrator, Office of Oil and Gas