

65-12-20-85

CODE

CARD

PLAT

9300' WEST

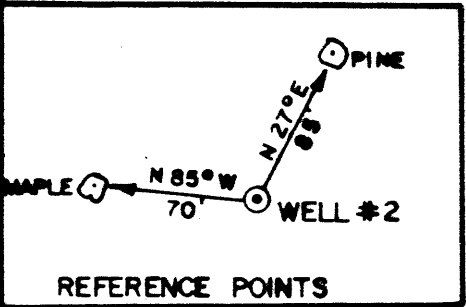
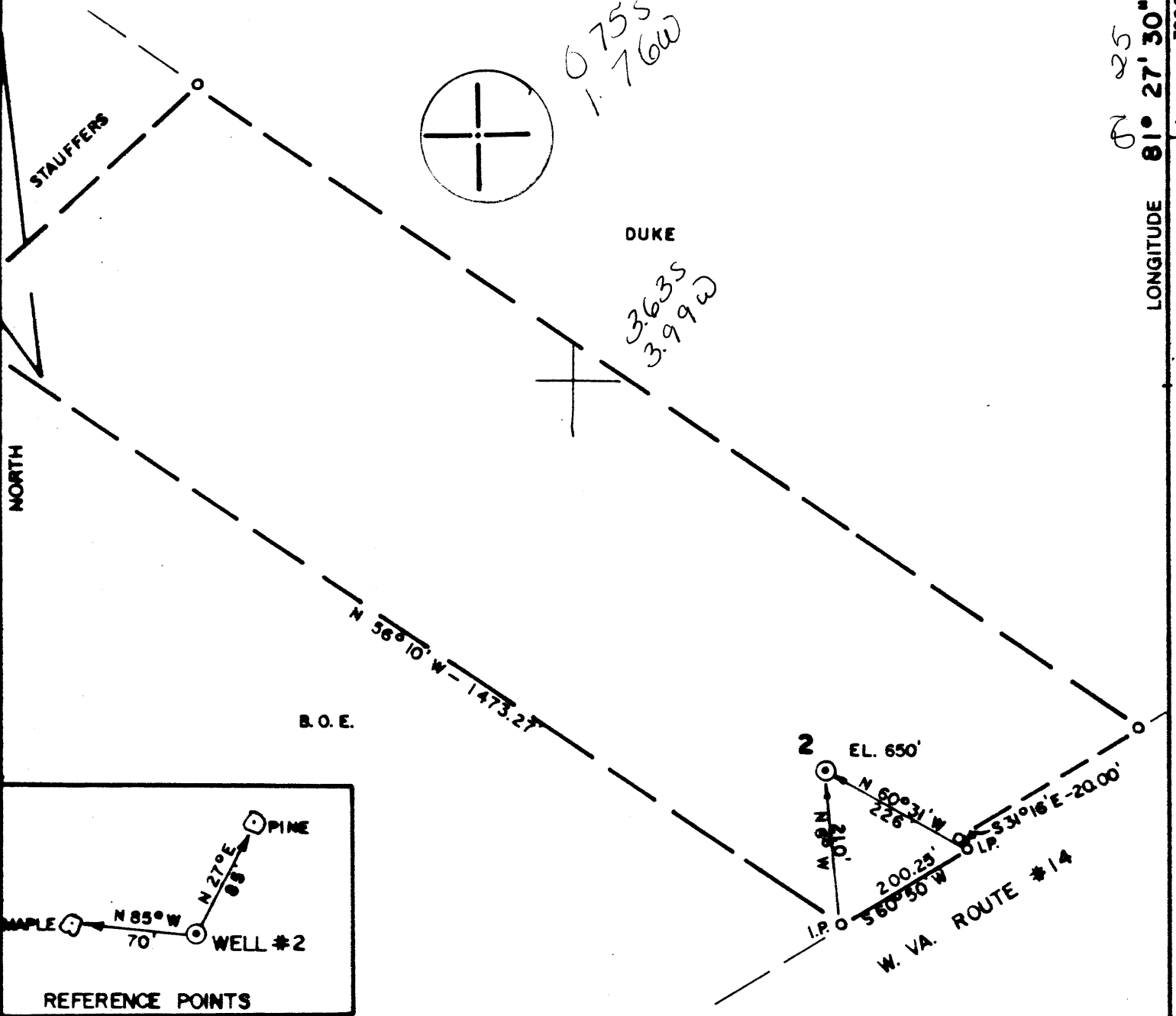
39 25

LATITUDE 39° 22' 30"

81° 27' 30"

LONGITUDE

HITUS 0966



B.O.E.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 85-804
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION KELLER LANE & RT. 14 (649)

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) Lab Waterman
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 12/10, 1985
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-107-1392

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 650 WATERSHED OHIO RIVER
 DISTRICT WILLIAMS COUNTY WOOD
 QUADRANGLE VALLEY MILLS 7.5' 650 073 W64 Marietta
 SURFACE OWNER WOOD CO. BOARD OF EDUCATION ACREAGE 15.60
 OIL & GAS ROYALTY OWNER WOOD CO. BD. OF EDUCATION LEASE ACREAGE 15.60

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

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION BEREA ESTIMATED DEPTH 2000' Boaz (70)
 WELL OPERATOR BLAUSER WELL SERVICE DESIGNATED AGENT STANLEY K. WILSON
 ADDRESS P.O. BOX 829 ADDRESS RT. 1, BOX 116
MARIETTA, OH 45750 AG5 BIG SPRINGS, WV 26137

COUNTY NAME

PERMIT

RECEIVED
JUL 21 1986



IV-35
(Rev 8-81)

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date July 18, 1986
Operator's
Well No. #2
Farm Board of Education
API No. 47 - 107 - 1392

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 X / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 650' Watershed Ohio River
District: Williams County Wood Quadrangle Valley Mills

COMPANY Blauser Well Service, Inc.
ADDRESS P.O. Box 829, Marietta, OH
DESIGNATED AGENT Stanley K. Wilson
ADDRESS Route 1, Box 116, Big Springs, WV
SURFACE OWNER Board of Education (c/o Joe Morrison)
ADDRESS 1210-13th St., Parkersburg, WV
MINERAL RIGHTS OWNER same
ADDRESS same
OIL AND GAS INSPECTOR FOR THIS WORK Glen Robinson ADDRESS Mineralwells, WV
PERMIT ISSUED December 26, 1985
DRILLING COMMENCED March 20, 1986
DRILLING COMPLETED March 25, 1986
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON n/a

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	249.4'	249.4'	80 sx
7			
5 1/2			
4 1/2	1960.4'	1960.4'	105 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 1918' feet
Depth of completed well 1992 feet Rotary X / Cable Tools
Water strata depth: Fresh 90 feet; Salt 870 feet
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Berea Pay zone depth 1918 feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow (20) Mcf/d Final open flow (1/2) Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 750 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

JUL 28 1986

(Continue on reverse side)

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

Berea

Perforated Interval 1918' - 1920' 18 shots
 Dumped 250 gallons 15% HCL and fractured well with
 32,500 lbs. 12/20 sand and 798 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 and Shale			0	790	
Sand			790	890	
Sand and Shale			890	1010	
Sand			1010	1048	
Shale			1048	1072	
Sand			1072	1090	
Shale			1090	1120	
Sand			1120	1180	saltwater
Shale			1180	1450	
Big Injun Sand			1450	1540	saltwater
Shale			1540	1918	
<u>Berea</u> Sand			1918	1920	oil and gas
Shale			1920	TD	
				1992 T.D.	

(Attach separate sheets as necessary)

Blausler Well Service, Inc.

Well Operator

By: Aras M. Hunk Sec./Treas.

Date: 7/18/86

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."

FORM WW-2(B) FILE COPY
 (Obverse) **RECEIVED**
 7/85 DEC 17 1985



1) Date: Dec. 13, 1985
 2) Operator's (Board of Education) Well No. #2
 3) API Well No. 47 State 107-1392 County Permit

DIVISION OF OIL & GAS STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, 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: 650' Watershed: Ohio River
 District: Williams 095 County: Wood Quadrangle: Valley Mills. 7.5'
- 6) WELL OPERATOR Dennis D. Blausner CODE: 6000 7) DESIGNATED AGENT Stanley K. Wilson
 Address Blausner Well Service, Inc. Address Route 1, Box 116
P.O. Box 829, Marietta, OH 45750 Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Glen P. Robinson
 Address Rt 1, #6 Mt. Pleasant Estate
Mineralwells, WV 26150
- 9) DRILLING CONTRACTOR: Name Warren Drilling
 Address Dexter City, OH 45727
- 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 395
 12) Estimated depth of completed well, 2000' feet
 13) Approximate strata depths: Fresh, 150' feet; salt, 1200' feet.
 14) Approximate coal seam depths: n/a Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8 5/8	H-40	24	X		250'	250'	to surface	<i>by rule 15.05</i>
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	9.5	X		2000'	2000'	500' or as needed to cover	<i>Salt sands</i>
Tubing									
Lin...									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1392 Date December 26 1985

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 26, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AD</u>	Plat: <u>2111</u>	Casing: <u>MAN</u>	Fee: <u>17210</u>	WPCP: <u>MB</u>	S&E: <u>MM</u>	Other:
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
 Director, Division of Oil and Gas File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.