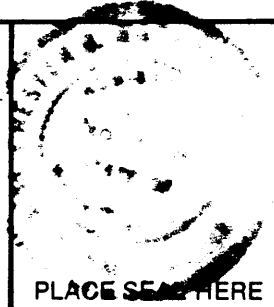


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 84-346  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1'/200'  
 PROVEN SOURCE OF ELEVATION NOB (850')

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) Chet Waterman  
 R.P.E. 3788 L.L.S. \_\_\_\_\_



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



DATE 6/20, 19 84  
 OPERATOR'S WELL NO. 2  
 API WELL NO. 47-107-1322

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 795 WATER SHED OHIO RIVER  
 DISTRICT WILLIAMS 0 COUNTY WOOD  
 QUADRANGLE PARKERSBURG 7.5' S32 Parkersburg 097 EC 6  
 SURFACE OWNER J. C. SIMONS ACREAGE 27.97  
 OIL & GAS ROYALTY OWNER J. C. SIMONS LEASE ACREAGE 27.97

LEASE NO. \_\_\_\_\_  
 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 GAS ESTIMATED DEPTH 2200'  
 WELL OPERATOR BLAUSER WELL SERVICE DESIGNATED AGENT STANLEY WILSON  
 ADDRESS P. O. BOX 829 ADDRESS BIG SPRINGS, WV 26137  
MARIETTA, OH 45750

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME PERMIT

RECEIVED



IV-35 (Rev 8-81)

APR 25 1985

OIL & GAS DIVISION State of West Virginia DEPT. OF MINES Department of Mines Oil and Gas Division

Date 3-29-85 Operator's Well No. 2 Farm Simons, John C. API No. 47 - 107 - 1322

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 x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 801 Watershed Ohio River District: Williams County Wood Quadrangle Parkersburg 7.5

COMPANY Blausser Well Service, Inc. ADDRESS P.O. Box 829, 507 Second Street DESIGNATED AGENT Stanley K. Wilson ADDRESS Rt. 1, Box 116, Big Springs, WV SURFACE OWNER John Simons ADDRESS 113 Glendale Rd. Rt. 10 P'burg, WV MINERAL RIGHTS OWNER same ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK Glen Robinson ADDRESS Rt. 1, 6 Mt. Pleasant Estate, Mineral Well WY PERMIT ISSUED 10-2-84 DRILLING COMMENCED 10-25-84 DRILLING COMPLETED 10-28-84 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2 and Liners used.

GEOLOGICAL TARGET FORMATION Berea Depth 2080 feet Depth of completed well 2161 feet Rotary X / Cable Tools Water strata depth: Fresh 65 feet; Salt 1580 feet Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Berea Pay zone depth 2080 feet Gas: Initial open flow 52 Mcf/d Oil: Initial open flow 7 Bbl/d Final open flow 52 Mcf/d Oil: Final open flow 7 Bbl/d Time of open flow between initial and final tests 24 hours Static rock pressure 640 psig (surface measurement) after 48 hours shut in (If applicable due to multiple completion--)

MAY 06 1985

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

Perforated 2080'-2086'

Fractured with 50,610 #20/40 sand  
11,340 #10/20 sand  
in 725 BBL's 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	260	
Shale			260	340	
Sand			340	357	
Shale			357	612	
Sand			612	664	
Shale			664	974	
Sand			974	1063	
Shale			1063	1096	
Sand			1096	1145	
Shale			1145	1296	
Sand			1296	1318	
Shale			1318	1455	
Sand			1455	1543	
Shale			1543	1594	
Sand (Big Injun)			1594	1709	Salt water
Shale			1709	2046	
Coffee Shale			2046	2080	
Berea			2080	2086	Oil, Gas
Devonian Shale			2086	TD	
				2161 TD.	
				Berea @ TD.	

(Attach separate sheets as necessary)

Blauser Well Service, Inc.  
Well Operator

By: Harry M. Hunt

Date: 4-23-53

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: August 9, 19 84  
 2) Operator's Well No. #2 J. C. Simons  
 3) API Well No. 47 - 107 - 1322  
 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 X  
 B (If "Gas", Production X / Underground storage            / Deep            / Shallow X)
- 5) LOCATION: Elevation: 850' 795' Watershed: Ohio River  
 District: Williams County: Wood Quadrangle: Parkersburg 7.5
- 6) WELL OPERATOR Blauser Well Service, Inc.  
 Address P. O. Box 829  
Marietta, Ohio 45750
- 7) DESIGNATED AGENT Stanley K. Wilson  
 Address Rt. #1 Box 116  
Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Glen P. Robinson  
 Address Route 1 #6  
Mt. Pleasant Estate- Mineralwells, WV 26150
- 9) DRILLING CONTRACTOR:  
 Name Haughts, Inc.  
 Address 4424 Emerson Ave.  
Parkersburg, WV 26101
- 10) PROPOSED WELL WORK: Drill X / Drill deeper            / Redrill            / Stimulate X  
 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 trata depths: Fresh, 40 320 feet; salt, 1300 feet.
- 14) Approximate coal seam depths: n/a Is coal being mined in the area? Yes OIL & GAS DIVISION
- 15) CASING AND TUBING PROGRAM

**RECEIVED**  
 AUG 20 1984

DEPT. OF MINES  
 PACKERS

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS (Cubic feet)	Kinds
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X	50'	50'	-	
Fresh water									
Coal									
Intermediate	7"	H40	17#			250'	250'		Sizes
Production	4 1/2	J55	9.5	X		2000'	2000'	250 sx 130 sx	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-107-1322

October 2, 19 84  
 Date

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 October 2, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u> <u>19</u>	Agent: <u>LSM</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>013-</u> <u>982</u>
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*Margaret J. Hesse*  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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

File