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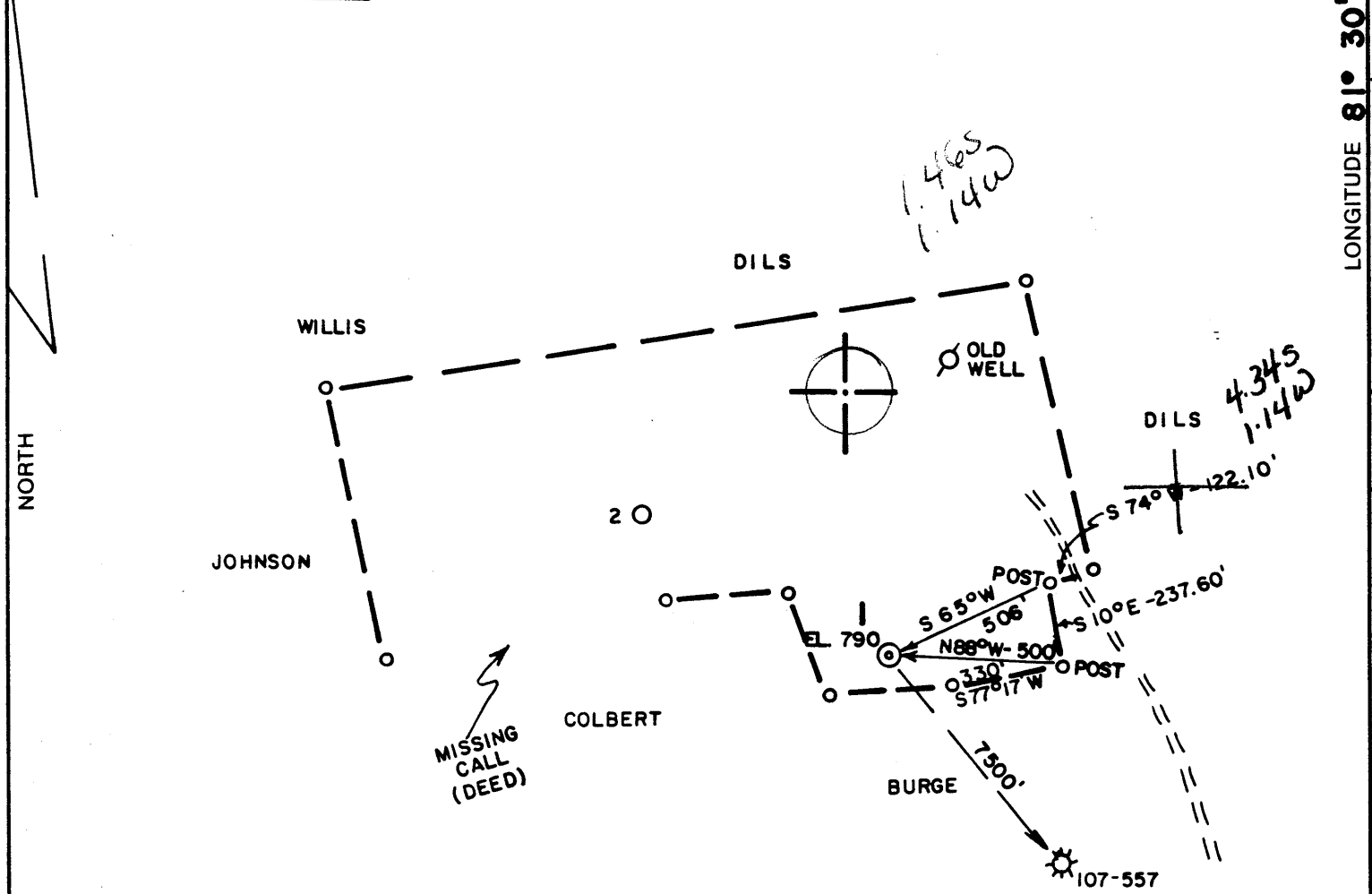
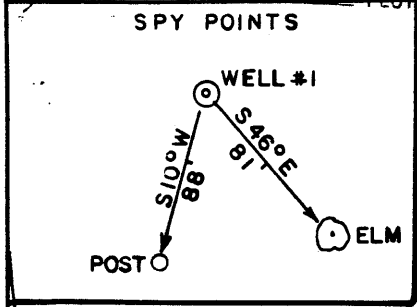
CARD

PLOT

6050' WEST

LATITUDE 39° 22' 30"  
39° 25'

LONGITUDE 81° 30' 00"  
HIGHT SOUTH 7720'



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

FILE NO. 84-345  
 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) [Signature]  
 R.P.E. 3788 L.L.S. \_\_\_\_\_



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



DATE 6/20, 1984  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 STATE COUNTY PERMIT 47 107 1318

LOCATION: ELEVATION 790 WATER SHED OHIO RIVER  
 DISTRICT WILLIAMS COUNTY WOOD  
 QUADRANGLE PARKERSBURG 7.5 532 Parkersburg 097 EC6

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 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

OCT 09 1984

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

COUNTY NAME PERMIT



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APR 25 1985

State of West Virginia

OIL & GAS DIVISION  
DEPT. OF MINES

Department of Mines  
Oil and Gas Division

Date 3-29-85  
Operator's \_\_\_\_\_  
Well No. 1  
Farm Simons, John C.  
API No. 47 -107 -1318

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: 790 Watershed Ohio River  
District: Williams County Wood Quadrangle Parkersburg 7.5

COMPANY Blauser Well Service, Inc.  
ADDRESS 507 Second Street, Marietta, Oh  
DESIGNATED AGENT Stanley K. Wilson  
ADDRESS Rt. 1 Box 116, Big Spring WV 26137  
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  
PERMIT ISSUED 10-2-84 Estate, Mineral Wells, WV  
DRILLING COMMENCED 10-21-84  
DRILLING COMPLETED 10-24-84  
IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON \_\_\_\_\_

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	257	257	to surf
7			
5 1/2			
4 1/2	2108	2108	500'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 2051 feet  
Depth of completed well 2127 ✓ feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 40 feet; Salt 1556 feet  
Coal seam depths: \_\_\_\_\_ Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Berea Pay zone depth 2051 feet  
Gas: Initial open flow 55 Mcf/d Oil: Initial open flow 6.5 Bbl/d  
Final open flow 55 Mcf/d Final open flow 6.5 Bbl/d  
Time of open flow between initial and final tests 24 hours  
Static rock pressure 680 psig (surface measurement) after 48 hours shut in  
(If applicable due to multiple completion-- ) Note: ✓ Pumping Test MAY 06 1985  
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

(Continue on reverse side)

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

Perforated 2051 - 2057 with 13 shots.

Fractured with 50,000 #20/40 sand

3,100 #10/20 sand in 681 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	306	
Sand			306	338	
Shale			338	578	
Sand			578	624	
Shale			624	938	
Sand			938	1036	
Shale			1036	1070	
Sand			1070	1106	
Shale			1106	1130	
Sand			1130	1138	
Shale			1138	1248	
Sand			1248	1276	
Shale			1276	1296	
Sand			1296	1318	
Shale			1318	1394	
Shaly sand			1394	1468	
Shale			1468	1492	
Sand			1492	1516	
Shale			1516	1554	
Big Injun			1554	1680	Salt water
Shale			1680	2020	
Coffee Shale			2020	2051	
<del>Perera</del>			2051	2058	Oil & Gas
Devonian Shale			2058	TD	
				TD 2127	
				area	
				@TD	

(Attach separate sheets as necessary)

Blauser Well Service, Inc.

Well Operator

By: Arnon M. Luck

Date: 4-23-85

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. #1 J. C. Simons  
 3) API Well No. 47 - 107 - 1318  
 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 X / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 850 790' Watershed: Ohio River O  
 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, Ohio 45750 Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Glen P. Robinson Name Haight, Inc.  
 Address Route 1 #6 Mt. Pleasant Estate Address 4424 Emerson Ave.  
Mineralwells, WV 26150 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 feet; salt, 1300 feet.  
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes \_\_\_\_\_

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 AUG 20 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

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		
Conductor	16"				X	50'	50'	Kinds
Fresh water								
Coal								Sizes
Intermediate	7"	H40	17#			250'	250'	250sax CTS NEAT
Production	4 1/2"	J55	9.5	X		2000'	2000'	130sax
Tubing								Depths set
Liners								Perforations: Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-107-1318 Date October 2, 19 84

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>19</u>	Agent: <u>[Signature]</u>	Plat: _____	Casing <u>[Signature]</u>	Fee <u>013-982</u>
ANKET	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>

Margaret J. Hassel  
 Administrator, Office of Oil and Gas

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