



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

SPY POINTS

FILE NO. 84-624
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION B.M. ON R.R. (603')

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. _____



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 10/24, 19 84
 OPERATOR'S WELL NO. 3
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 830' WATER SHED OHIO RIVER
 DISTRICT WILLIAMS COUNTY WOOD
 QUADRANGLE PARKERSBURG 537.5' d 15' EC6

SURFACE OWNER R. W. AZAR ACREAGE 55
 OIL & GAS ROYALTY OWNER R. W. AZAR LEASE ACREAGE 55

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 2500'
 WELL OPERATOR BLAUSER WELL SERVICE DESIGNATED AGENT STANLEY K. WILSON
 ADDRESS P. O. BOX 829 MARIETTA, OH 45750 ADDRESS RT. 1, BOX 116 BIG SPRINGS, WV 26137

FORM IV-6 (8-78)

H.T. HALL

COUNTY NAME

PERMIT

095

JAN 7 1985

RECEIVED

JUN 4 - 1985



OIL & GAS DIVISION

IV-35 (Rev 8-81) DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date 5/29/85
Operator's
Well No. 3
Farm R. W. Azar
API No. 47 - 107 - 1335

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

COMPANY Blauser Well Service, Inc.

ADDRESS P.O. Box 829, Marietta, Ohio

DESIGNATED AGENT Stanley K. Wilson

ADDRESS Rt 1, Box 116
Big Springs, WV 26137

SURFACE OWNER Robert Azar

ADDRESS 5500 Twelfth Avenue
Vienna, WV 26105

MINERAL RIGHTS OWNER Same

ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Glen Robinson
ADDRESS Rt. 1 6 Mt. pleasant Estate, Minerals Wells

PERMIT ISSUED 12/12/84

DRILLING COMMENCED 1/07/85

DRILLING COMPLETED 3/13/85

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"	280'	280'	to surf.
9 5/8			
8 5/8			
7			
5 1/2	1762	890	----
4 1/2			
3	2187	2187	500'
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 2132' feet

Depth of completed well 2187 feet Rotary / Cable Tools

Water strata depth: Fresh 80 feet; Salt 1452 feet

Coal seam depths: _____ Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Berea Pay zone depth 2132 feet

Gas: Initial open flow 5 Mcf/d Oil: Initial open flow --- Bbl/d

Final open flow (5) Mcf/d Final open flow ? Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 280 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--*) * Pumping Test.

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)

JUN 17 1985

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

Perforated 2132' to 2138' 13 shots
Fractured with 40,000 # 20/40 sand
20,000 # 10/20 sand

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	621	
shale			621	654	
silt stone			654	852	
sand			852	874	
shale			874	970	
sand & silt			970	1106	
shale			1106	1120	
sand			1120	1201	
shale			1201	1230	
sand			1230	1268	
silt stone			1268	1350	
shale			1350	1383	
sand			1383	1399	
shale			1399	1452	
sand & silt			1452	1591	
shale			1591	1638	
Big Injun			1638	1770	Salt water
shale			1770	2086	
coffee shale			2086	2132	
<u>berea</u>			2132	2138	Oil & Gas
<u>devonian shale</u>			2138	<u>2187</u> TD	

Berea @ TD,

(Attach separate sheets as necessary)

Blausser Well Service, Inc.
Well Operator
By: Arno M. Lind
Date: 5/31/05

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 7, 1984
 2) Operator's Well No. R. W. Azar #3 (Buck)
 3) API Well No. 47 - 107 - 1335
 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)
- 5) LOCATION: Elevation: 830' 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 Route 1, Box 116
Marietta, OH 45750 Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Glen P. Robinson Name Bill Putnam
 Address Route 1, #6 Mt. Pleasant Estate Address Mile Run Road
Mineralwells, WV 26150 Marietta, OH 45750
- 10) PROPOSED WELL WORK: Drill X / 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 2500 feet
 13) Approximate strata depths: Fresh 2230' 40 feet; salt, 1300 feet.
 14) Approximate coal seam depths: n/a Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X	50'	50'	--	Kinds
Fresh water									
Coal									Sizes
Intermediate	7"	H-40	17#			2000' 260'	250' 260'	250 SX	NEAT
Production	4 1/2"	J-55	9.5	X		2000'	2000'	130 SX	Depths set
Tubing									as required by
Liners									15.61
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1335

December 12, 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 December 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>19</u>	Agent: <u>MW</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>0495</u>
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Margaret J. Hahn
 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