

RECEIVED
OCT 24 1985



1) Date: October 10, 19 85
 2) Operator's Well No. #1 (Henke)
 3) API Well No. 47 107-1382
 State County Permit

STATE OF WEST VIRGINIA
 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
 DEPARTMENT OF ENERGY **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: 740' Watershed: Ohio River
 District: Dennis D. Williams County: Wood Quadrangle: Parkersburg 7.5 3/4
- 6) WELL OPERATOR: Blauser Well Serv. Inc. CODE: 6000 7) DESIGNATED AGENT: Stanley K. Wilson
 Address: P.O. Box 829 Inc. Marietta, OH 45750 Address: Route 1, Box 116 Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name: Glen Robinson 9) DRILLING CONTRACTOR: Name: Putnam Drilling
 Address: Route 1, #6 Mt. Pleasant Est. Mineralwells, WV 26150 Address: Mile Run Road Marietta, OH 45750
- 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, 2500' feet
- 13) Approximate trata depths: Fresh, 7 1/4 feet; salt, 1550 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									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		2100'	2100'	500'	<i>or as required by rule 15.01</i>
Tubing									Deposits
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1382

October 24 19 85
 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 24, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u> </u>	Agent: <u> </u>	Plat: <u>MUMH</u>	Casing: <u>MUMH</u>	Fee: <u>016-794</u>	WPCP: <u>MUMH</u>	S&E: <u>MUMH</u>	Other: <u> </u>
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Margaret J. Hass
 Director, Division 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

IV-9
(Rev 8-81)



DATE 10/2/85
WELL NO. 1
API NO. 47 - 107 - 1382

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Blauser Well Service
Address Marietta, OH 45750
Telephone 614-373-6305

DESIGNATED AGENT Stanley K. Wilson
Address Big Springs, WV 26137
Telephone 354-7848

LANDOWNER R. D. Henke
Revegetation to be carried out by _____

SOIL CONS. DISTRICT Little Kanawha
Stanley K. Wilson (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan:

10/17/85 (Date)
Ronald H. Atkinson
(SCD Agent)

ACCESS ROAD GRADE 1%

Structure Cross Drains (A)
Spacing — Apart **NONE**
Page Ref. Manual 2-4

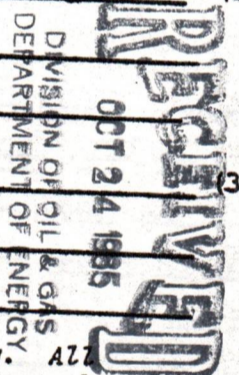
LOCATION
Structure Temporary Diversion Ditch (1)
Material Soil
Page Ref. Manual 2-12

Structure Culvert (B)
Spacing — Inch **NONE**
Page Ref. Manual 2-7

Structure Rip Rap (2)
Material Rock
Page Ref. Manual N/A

Structure Open Ditch (C)
Spacing Along side of access road **NONE**
Page Ref. Manual 2-12

Structure _____ (3)
Material _____
Page Ref. Manual _____



All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* K-31 Fescue 35 lbs/acre
Redtop 10 lbs/acre
Ladino Clover 5 lbs/acre

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* K-31 Fescue 35 lbs/acre
Redtop 10 lbs/acre
Ladino Clover 5 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Chet Waterman

ADDRESS 1704 - 18th Street


Parkersburg, WV 26101


PHONE NO. 428-5715

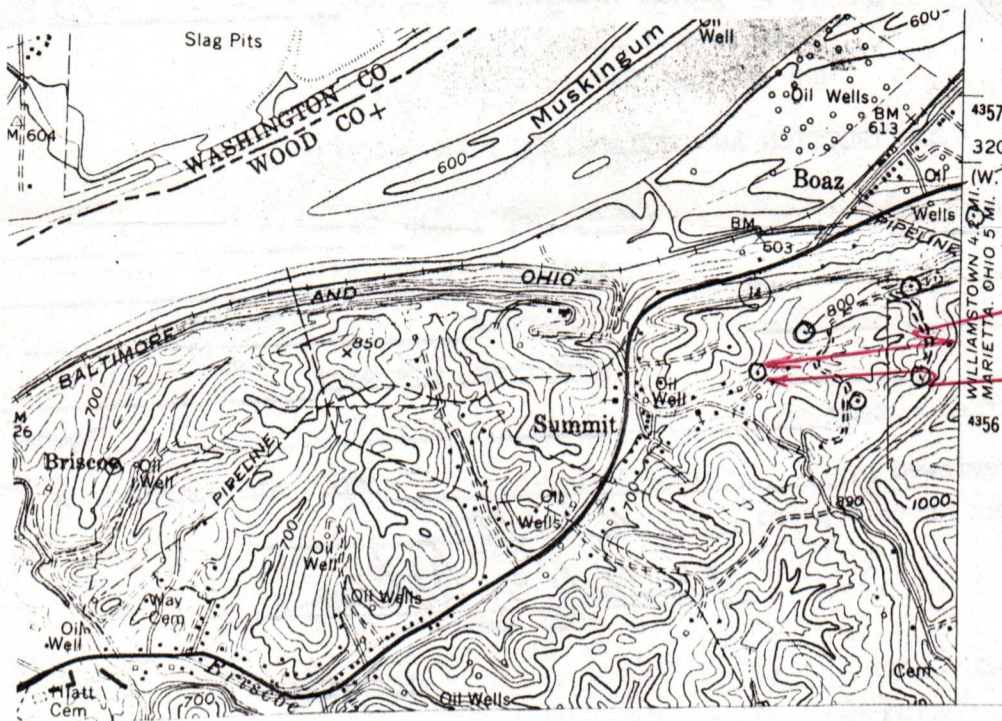
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

CUT OR PHOTOCOPY SECTION OF
 INVOLVED TOPOGRAPHIC MAP.
 QUADRANGLE PARKERSBURG 7.5'

LEGEND

Well Site 

Access Road 


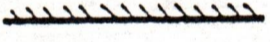
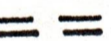

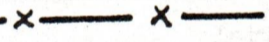

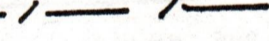

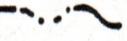
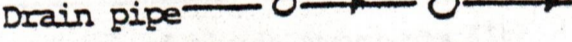
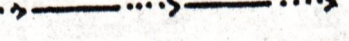
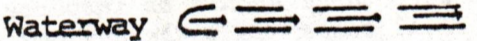


PROPOSED WELL
 EXISTING ROAD

WELL SITE PLAN

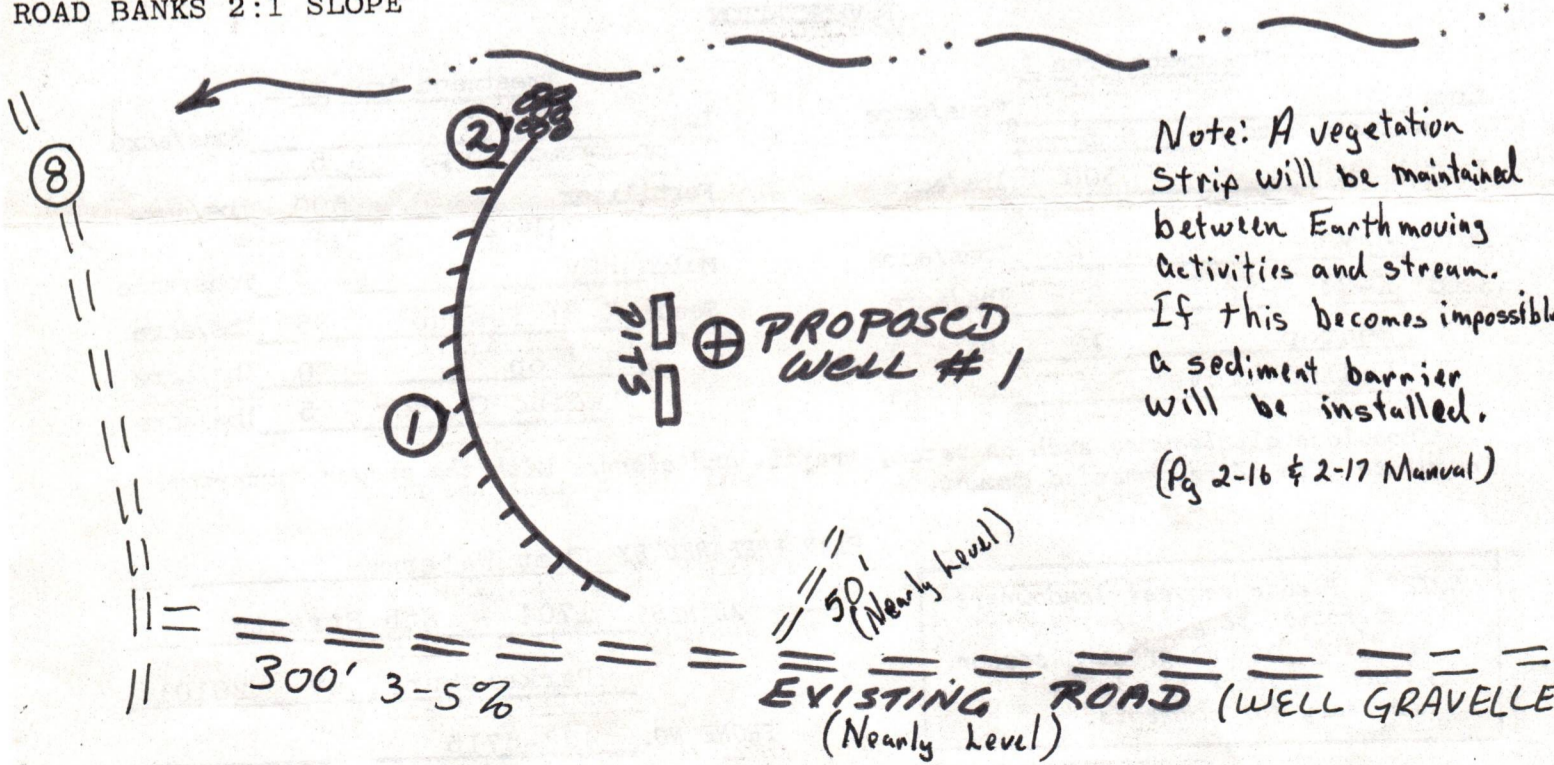
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

ACCESS ROAD GRADE $\frac{1}{100}$ %
 ROAD BANKS 2:1 SLOPE

LOCATION GRADE = 1% INTO DIVERSION DITCH



TREES TO BE CUT AND STACKED. BRUSH TO BE DISPOSED OF BEFORE EARTHWORK BEGINS. REVEGETATION TO BE COMPLETED WITHIN SIX MONTHS OF WELL COMPLETION.

1) Date: October 10, 19 85
Operator's
2) Well No. #1 (Henke)
3) API Well No. 47 - 107 - 1382
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Ralph D. & Rebecca S. Henke
Address Route 10, Box 86 A
Parkersburg, WV 26101
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5 (i) COAL OPERATOR none
Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name none
Address _____

Name none
Address _____

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name none
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form WW-2(B) which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director of the Division of Oil and Gas.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22B-1-8(c)(1) through (4). (see reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Dennis D. Blausner

is 10th day of October, 19 85,
My commission expires April 18, 1990.

Marilyn S. Lang
Notary Public, Washington County,
State of Ohio

WELL OPERATOR Blausner Well Service, Inc.

By Dennis D. Blausner
Its President
Address P.O. Box 829
Marietta, OH 45750
Telephone (614) 373-6305

RECEIVED
OCT 24 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division of Oil & gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code §22B-1-9(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii, iv) See Code §22B-1-36.
- 6) See Code §22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11 (d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code §22B-1-6 and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>page</u>
Ralph D. and Rebecca Henke	Marietta Resources Corp.	1/8th	815	416
operating Agreee. Marietta Resources Corp.	Blauser Well Service, Inc.			unrecorded

RECEIVED
OCT 24 1985



1) Date: October 10, 19 85
2) Operator's Well No. 47 (Honke)
3) API Well No. 47 State 107 County _____ Permit _____

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 740' Watershed: Ohio River
 District: Williams County: Wood Quadrangle: Parkersburg 7.5'
- 6) WELL OPERATOR Blaiser Well Serv. CODE: _____ 7) DESIGNATED AGENT Stanley K. Wilson
 Address P.O. Box 829 Inc. Address Route 1, Box 116
Marietta, OH 45750 Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Glen Robinson Name Putnam Drilling
 Address Route 1, Mt. Pleasant Est. Address Wile Run Road
Mineralwells, WV 26150 Marietta, OH 45750
- 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, 2500' feet
- 13) Approximate trata depths: Fresh, 40 feet; salt, 1550 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 FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water	<u>8 5/8</u>	<u>H-40</u>	<u>24</u>	<input checked="" type="checkbox"/>		<u>250'</u>	<u>250'</u>	<u>to surface</u>		
Coal										
Intermediate										
Production	<u>4 1/2</u>	<u>J-55</u>	<u>9.5</u>	<input checked="" type="checkbox"/>		<u>2100'</u>	<u>2100'</u>	<u>500'</u>		
Tubing										
Liners										

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application, and that I have received copies of (L) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.
(For execution by corporation, partnership, etc.) (For execution by natural persons)

NAME: _____
By _____
Its _____ Date _____

Ralph D. Honke
(Signature) Date 10/16/85
Rosetta S. Honke
(Signature) Date 10/16/85

INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B, Article 1 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Director of the Division of Oil and Gas in the West Virginia Department of Energy immediately.

NOTE : YOU ARE NOT REQUIRED TO FILE ANY COMMENT AT ALL.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

Director, Division of Oil and Gas
West Virginia Department of Energy
1615 Washington Street, East
Charleston, West Virginia 25311-2192
(304) - 348 - 3500

Who may file comments? If you wish to file comments, you must be an owner of record of (1) and interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract over the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in METHODS FOR FILING COMMENTS below. You may call the Director's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Director's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Director for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Director.

List of Water Testing Laboratories. The Director maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Director's office or an Oil and Gas Inspector to obtain a copy of the list.



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 3) API Well No. 47 107
 State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas
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 Address Route 1, #6 Mt. Pleasant Est. Mineralwells, WV 26150 Address Mile Run Road Marietta, OH 45750
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 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
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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									Kind
Fresh water	<u>8 5/8</u>	<u>H-40</u>	<u>24</u>	<input checked="" type="checkbox"/>		<u>250'</u>	<u>250'</u>	<u>to surface</u>	<u>by rule 15.05</u>
Coal									Size
Intermediate									Depths set
Production	<u>4 1/2</u>	<u>J-55</u>	<u>9.5</u>	<input checked="" type="checkbox"/>		<u>2100'</u>	<u>2100'</u>	<u>500'</u>	<u>by rule 15.01</u>
Tubing									Perforations
Liners									Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code 22B-1-15,16, or 17 must be filed with the Department of Energy within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22B-1-36 if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

NO COAL OPERATOR NECESSARY

Date: _____, 19 _____

By: [Signature]

Its _____

SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE

1. Company Name Blauser Well Service, Inc.
2. Mailing Address P.O. Box 829 Marietta Ohio 45750
street city state zip
3. Telephone (614) 373-6305 4. Well Name R. D. Henke #1
5. Latitude 39° 22' 30" Longitude 81° 30' 00"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. --47-107-1382
8. County Wood 9. Nearest Town Boaz, W. Va.
10. Nearest Stream ^{BRISLOE RUN} Ohio River 11. Tributary of n/a OHIO RIVER
12. Will Discharge be Contracted Out? yes X no _____
13. If Yes, Proposed Contractor M. E. Carper Well Service
Address Reno, Ohio 45773
Telephone (614) 374-2567
14. Proposed Disposal Method: UIC _____ Land application _____
Off Site Disposal _____ Reuse X Centralized Treatment _____
Thermal Evaporation _____ Other _____
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

RECEIVED
OCT 24 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

FERC



IV-35
(Rev 8-81)

FEB 25 1986

State of West Virginia
Department of Mines
Oil and Gas Division

Date January 31, 1986
Operator's
Well No. #1
Farm R. Henke
API No. 47 - 107 - 1382

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: 740' Watershed Ohio River
District: Williams County Wood Quadrangle Parkersburg 7.5

COMPANY Blauser Well Service, Inc.
ADDRESS Marietta, Ohio 45750
DESIGNATED AGENT Stanley K. Wilson
ADDRESS Big Springs, WV 26137
SURFACE OWNER Ralph Henke
ADDRESS Route 10, Parkersburg, WV 26101
MINERAL RIGHTS OWNER Ralph Henke
ADDRESS Route 10, Parkersburg, WV 26101
OIL AND GAS INSPECTOR FOR THIS WORK Glen
Robinson ADDRESS Mineralwells, WV
PERMIT ISSUED October 24, 1985
DRILLING COMMENCED November 8, 1985
DRILLING COMPLETED November 12, 1985
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	253	253	80 sx
7			
5 1/2	2065	2065	75 sx
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 1987 feet
Depth of completed well 2086 feet Rotary X / Cable Tools
Water strata depth: Fresh 40 feet; Salt 871 feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Berea Pay zone depth 1987 feet
Gas: Initial open flow 3 Mcf/d Oil: Initial open flow Tr. Bbl/d
Final open flow 25 Mcf/d Oil: Final open flow 1/4 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 430 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

(Continue on reverse side)

WOOD 1382

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

Perforated with 13 shots 1989' - 1992'

Fractured with 250 gal. 15% HCL acid

59,800 lbs 12/20 mesh sand in 855 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	650'	
Shale			650'	872'	
Sand			872'	986'	
Shale			986'	1108'	
Sand			1108'	1124'	
Shale			1124'	1408'	
Sand			1408'	1425'	
Shale			1425'	1498'	
Sand (Big Injun)			1498'	1612'	saltwater
Shale			1612'	1987'	
Berea			1987'	1994'	oil/gas
Shale			1994'	TD	

(Attach separate sheets as necessary)

Blausen Well Service, Inc.

Well Operator

By:

Andrew M. Huck

Date:

1/31/86

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."

Date: January 31, 1986

Operator's Well No. R. Henke #1

API Well No. 47 - 107 - 1382
State County Permit

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Blauser Well Service, Inc.
Address P.O. Box 829
Marietta, OH 45750

DESIGNATED AGENT Stanley K. Wilson
Address Route 1, Box 116
Big Springs, WV 26137

GEOLOGICAL TARGET FORMATION: Berea Depth 1987 feet
Perforation Interval 1989 - 1992 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA

START OF TEST-DATE 1-15-86	TIME 9:30 am	END OF TEST-DATE 1-16-86	TIME 9:30 am	DURATION OF TEST 24 hours
TUBING PRESSURE 60 psi	CASING PRESSURE 60 psi	SEPARATOR PRESSURE 60 psi	SEPARATOR TEMPERATURE 55° F	
OIL PRODUCTION DURING TEST $\frac{1}{4}$ bbls.	GAS PRODUCTION DURING TEST 25 Mcf	WATER PRODUCTION DURING TEST & SALINITY -- bbls. -- ppm.		
OIL GRAVITY 58 °API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) pumping			

GAS PRODUCTION

MEASUREMENT METHOD FLANGE TAP <input checked="" type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>		POSITIVE CHOKE <input type="checkbox"/> CRITICAL FLOW PROVER <input type="checkbox"/>
ORIFICE DIAMETER $\frac{1}{4}$ "	PIPE DIAMETER (INSIDE DIAM.) 2"	NOMINAL CHOKE SIZE - IN.
DIFFERENTIAL PRESSURE RANGE 0 - 100"	MAX. STATIC PRESSURE RANGE 0 - 250 psi	PROVER & ORIFICE DIAM. - IN.
DIFFERENTIAL 56	STATIC 60 psi	GAS GRAVITY (Air-1.0) MEASURED ESTIMATED
GAS GRAVITY (Air-1.0) .68	FLOWING TEMPERATURE 55° F	GAS TEMPERATURE _____ °F
24 HOUR COEFFICIENT 16.1	24 HOUR COEFFICIENT PRESSURE - _____ psia	

TEST RESULTS

DAILY OIL $\frac{1}{4}$ bbls.	DAILY WATER -- bbls.	DAILY GAS 25 Mcf.	GAS-OIL RATIO 100,000 SCF/STE
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Blauser Well Service, Inc.

Well Operator

By: Ann M. Huck

Its: Secretary/Treasurer

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE OIL & GAS (COMBINATION)
 ELEVATION 740'
 DISTRICT WILLIAMS
 QUADRANGLE VALLEY MILLS
 COUNTY WOOD

API# 47- 107 - 1382 (10-24-85)
 OPERATOR BLAUSER WELL SAERVICE
 TELEPHONE (614)373-6305
 FARM HENKE
 WELL # 1

SURFACE OWNER R.D. HENKE COMMENTS NA TELEPHONE NR
 TARGET FORMATION BEREA DATE APPLICATION RECEIVED 10/10/85
 DATE STARTED 11/7/85 NOTIFIED YES DRILLING COMMENCED 11/8/85
 LOCATION _____

WATER DEPTHS _____, _____, _____, _____
 COAL DEPTHS _____, _____, _____, _____

CASING

Ran 253' feet of 8 5/8" "pipe on 11/8/85 with 80SX fill up
 Ran 2065' feet of 4 1/2" "pipe on 12/9/85 with 75sx fill up
 Ran _____ feet of _____ "pipe on _____ with _____ fill up
 Ran _____ feet of _____ "pipe on _____ with _____ fill up

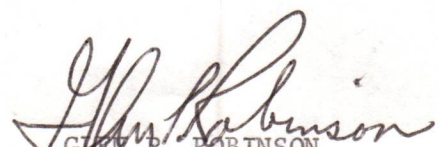
TD 2086' feet on 12/9/85

PLUGGING

Type	From	To	Pipe Removed
NA			
			OIL AND GAS
			MAY 5 1986

Pit Discharge date: NR Type _____
 Field analysis ph _____ fe _____ cl _____
 Well Record received _____

Date Released, 4/15/86

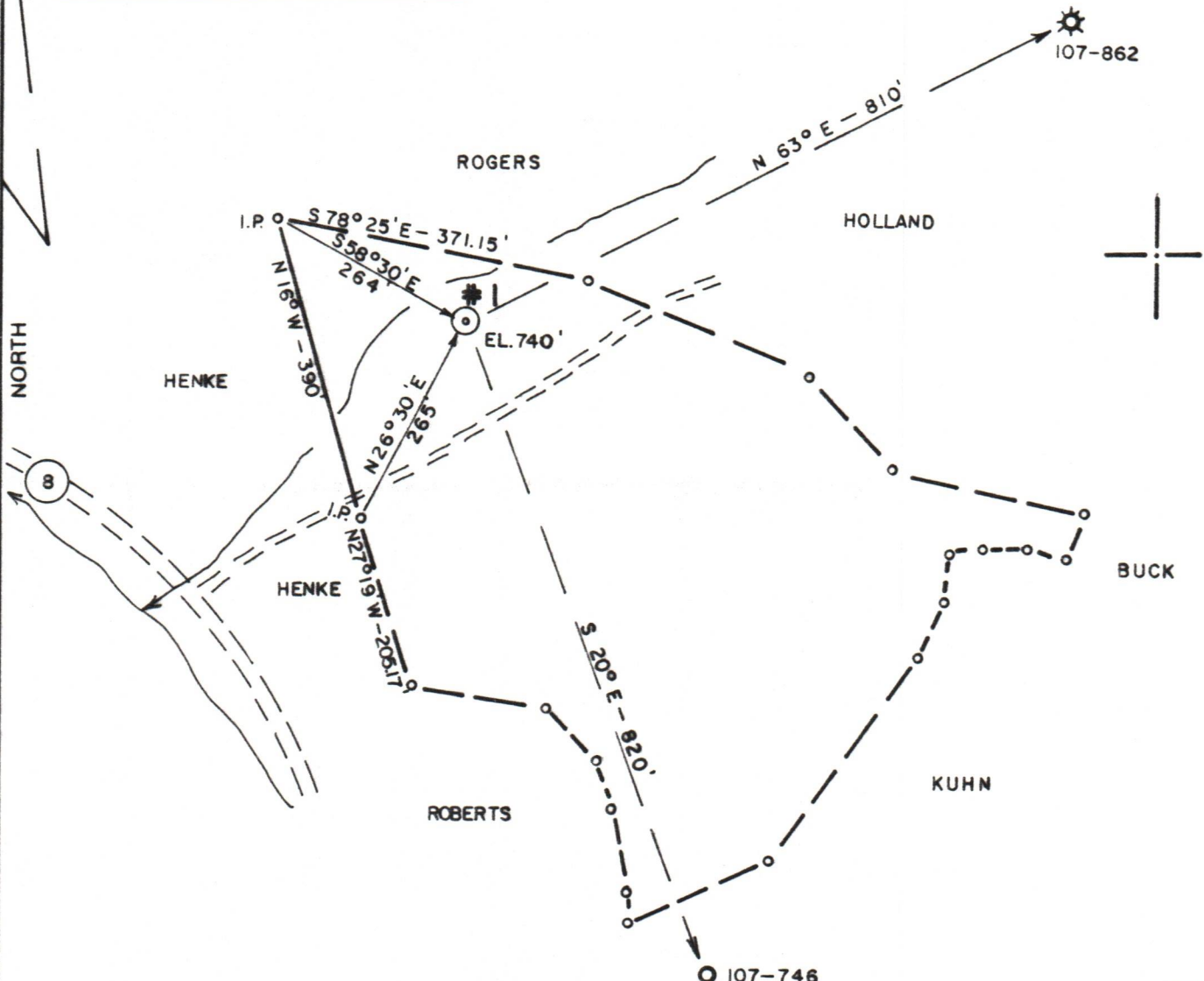
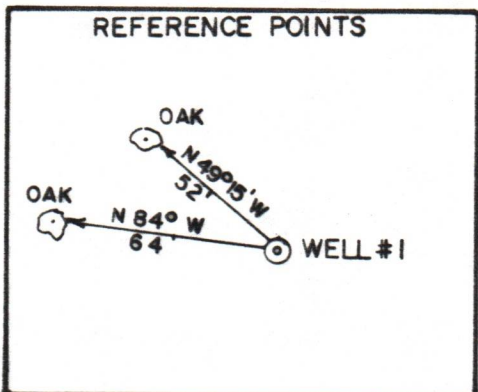

 GLEN P. ROBINSON
 Inspector's signature

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
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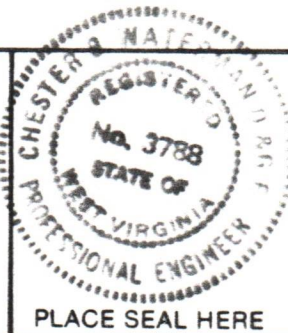
Notes



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

FILE NO. 85-647
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION ROAD INT. (890')

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) *Charles W. ...*
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 10/2, 19 85
 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 47-107-1382

LOCATION: ELEVATION 740 WATERSHED BRISCOE RUN OF OHIO RIVER
 DISTRICT WILLIAMS COUNTY WOOD

QUADRANGLE PARKERSBURG 7.5'

SURFACE OWNER R. D. HENKE ACREAGE 10.159
 OIL & GAS ROYALTY OWNER R. D. HENKE LEASE ACREAGE 10.159

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 2500'

WELL OPERATOR BLAUSER WELL SERVICE DESIGNATED AGENT STANLEY K. WILSON
 ADDRESS 507-2ND ST. MARIETTA, OH 45750 ADDRESS RT. 1, BOX 116 BIG SPRINGS, WV 26137