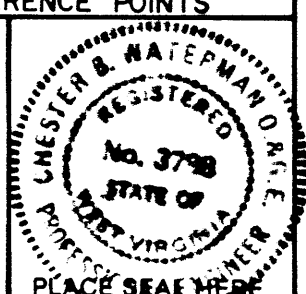


FILE NO. 85-638  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1" / 200'  
 PROVEN SOURCE OF ELEVATION WELL #1 (708')

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) Robert Waterman  
 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. B-3  
 API WELL NO. 47-107-1383

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

LOCATION: ELEVATION 912 WATER SHED OHIO RIVER  
 DISTRICT WILLIAMS COUNTY WOOD  
 QUADRANGLE VALLEY MILLS 7.5 650 073 WCY Marietta

SURFACE OWNER EUGENE MAYO ACREAGE 24  
 OIL & GAS ROYALTY OWNER EUGENE MAYO LEASE ACREAGE 24  
 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 095 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

NOV 4 1985



IV-35  
(Per 8-81)

FEB 6 1986

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date January 31, 1986  
Operator's  
Well No. #B-3  
Farm Mayo  
API No. 47 - 107 - 1383

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: 912 Watershed Ohio River  
District: Williams County Wood Quadrangle Valley Mills 7.5

COMPANY Blauser Well Service, Inc.  
ADDRESS Marietta, OH 45750  
DESIGNATED AGENT Stanley K. Wilson  
ADDRESS Big Springs, WV 26137  
SURFACE OWNER Eugene Mayo  
ADDRESS Route 2, Williamstown, WV 26187  
MINERAL RIGHTS OWNER Eugene Mayo  
ADDRESS Route 2, Williamstown, WV 26187  
OIL AND GAS INSPECTOR FOR THIS WORK Glen  
Robinson ADDRESS Mineralwells, WV  
PERMIT ISSUED October 25, 1985  
DRILLING COMMENCED November 20, 1985  
DRILLING COMPLETED November 25, 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	352	352	90 sx
7			
5 1/2			
4 1/2	2201	2201	75 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 2112 feet  
Depth of completed well 2214 feet Rotary X / Cable Tools      
Water strata depth: Fresh 110 feet; Salt 982 feet  
Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Berea Pay zone depth 2112 feet  
Gas: Initial open flow 5 Mcf/d Oil: Initial open flow Tr Bbl/d  
Final open flow 35 Mcf/d Final open flow 3/4 Bbl/d  
Time of open flow between initial and final tests 24 hours  
Static rock pressure 560 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

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

Perforated interval 2113' - 2115' with 14 shots

Acidize with 250 gal 15% HCL acid

Fractured well with 60,000 lbs. 12/20 mesh sand and 868 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	950	
Shale			950	992	
Sand			992	1092	
Shale			1092	1108	
Sand			1108	1162	
Shale			1162	1226	
Sand			1226	1238	
Shale			1238	1309	
Sand			1309	1364	
Shale			1364	1446	
Sand			1446	1537	
Shale			1537	1640	
Big Injun Sand			1640	1730	saltwater
Shale			1730	2112	
Berea Sand			2112	2118	oil/gas
Shale			2118	TD	
				TD 2214	

(Attach separate sheets as necessary)

Blausser Well Service, Inc.

Well Operator

By:

*James M. Hook*

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

(Obs) 7/85



**RECEIVED**  
OCT 24 1985

1) Date: October 9, 1985  
 2) Operator's Well No. B-3 (Mayo)  
 3) API Well No. 47 107-1383  
 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   
 B (If "Gas", Production  / Underground storage  Deep  Shallow )
- 5) LOCATION: Elevation: 912' Watershed: Ohio River  
 District: Williams County: Wood Quadrangle: Valley Mills 7.5'
- 6) WELL OPERATOR Dennis D. Blauser Well Service, Inc. CODE: 6000  
 Address: P.O. Box 829 Marietta, OH 45750
- 7) DESIGNATED AGENT Stanley K. Wilson  
 Address: Route 1, Box 116 Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name: Glen P. Robinson  
 Address: Route 1, #6 Mt. Pleasant Est. Mineralwells, WV 26150
- 9) DRILLING CONTRACTOR:  
 Name: Bill Putnam  
 Address: Mile Run Road 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 395
- 12) Estimated depth of completed well, 2500' feet
- 13) Approximate strata depths: Fresh, 2312' 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		
Conductor									
Fresh water	8 5/8	H-40	24	X		<u>250' 350'</u>	<u>250' 310'</u>	<u>to surface</u>	Kind <u>by rule 15.05</u>
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	9.5	X		2100'	2100'	500'	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-107-1383 Date October 23, 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 October 25, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond <input checked="" type="checkbox"/>	Agent <input checked="" type="checkbox"/>	Plat <input checked="" type="checkbox"/>	Casing <input checked="" type="checkbox"/>	Fee <u>916</u>	WPCP <input checked="" type="checkbox"/>	S&E <input checked="" type="checkbox"/>	Other <input checked="" type="checkbox"/>
--	---	--	--	----------------	--	---	---

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.