



Scale: 1" = 2000'  
Wells within 1200' of well no. LT5

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1 in 5000  
PROVEN SOURCE OF ELEVATION COMPANY SURVEY TIED INTO U.S.G.S. NETWORK.

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) Donald A. Boun  
R.P.E. 2901 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
FORM IV-6  
(8-78)



DATE JUNE 22, 19 83  
OPERATOR'S WELL NO. Lavina Tennant 5  
API WELL NO. 47 - 061 - 0730-R-P  
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1087' WATER SHED JAKES RUN  
DISTRICT CLAY COUNTY MONONGALIA  
QUADRANGLE BLACKSVILLE 7.5' Series 15' NC  
SURFACE OWNER CHARLES E. BOLYARD ACREAGE 32.83'  
OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
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 NONE ESTIMATED DEPTH UNKNOWN  
WELL OPERATOR CONSOLIDATION COAL COMPANY DESIGNATED AGENT ROGER E. DUCKWORTH AUG 20 1983  
ADDRESS P.O. BOX 1314 ADDRESS P.O. BOX 1314  
MORGANTOWN, WV 26505 MORGANTOWN, WV 26505



1) Date: June 21, 19 83  
 2) Operator's Well No. Lavina Tennant 5  
 3) API Well No. 47 State 061 County 0730-RSD Permit

DRILLING CONTRACTOR:

Not available

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas \_\_\_\_\_ / Abandoned  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 1087 Watershed: Jakes Run  
 District: Clay County: Monongalia Quadrangle: Blacksville 7.5
- 6) WELL OPERATOR Consolidation Coal Co. 11) DESIGNATED AGENT Roger Duckworth  
 Address P. O. Box 1314 Address P. O. Box 1314  
Morgantown, WV 26507-1314 Morgantown, WV 26507-1314
- 7) OIL & GAS ROYALTY OWNER Unknown 12) COAL OPERATOR Consolidation Coal Co.  
 Address \_\_\_\_\_ Address P. O. Box 1314  
 \_\_\_\_\_ Morgantown, WV 26507-1314
- 8) SURFACE OWNER Charles E. Bolyard 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address \_\_\_\_\_ Name Same  
 \_\_\_\_\_ Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address Unknown
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name William Blosser  
 Address Cofax, WV
- 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 15) PROPOSED WORK: Drill \_\_\_\_\_ / Drill deeper \_\_\_\_\_ / Redrill X / Fracture or stimulate \_\_\_\_\_ /  
 Plug off old formation X / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) Cleanout and plug well
- 16) GEOLOGICAL TARGET FORMATION, \_\_\_\_\_
- 17) Estimated depth of completed well, \_\_\_\_\_ feet
- 18) Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.
- 19) Approximate coal seam depths: 582 Is coal being mined in the area? Yes X / No \_\_\_\_\_

20) 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										
Coal										Sizes
Intermediate										
Production										Depths set
Tubing										
Liners										Perforations:
										Top Bottom

21) 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 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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 IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: \_\_\_\_\_  
 My Commission Expires \_\_\_\_\_

Signed: Roger Duckworth  
 Its: Project Engineer

OFFICE USE ONLY

Permit number 47-061-0730-RSD **DRILLING PERMIT** Date August 24 19 83

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. 10) 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.)

Permit expires August 24, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
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Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) The above 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 §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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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 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

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.

Date: \_\_\_\_\_, 19 \_\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_

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

**AFFIDAVIT OF PLUGGING AND FILLING WELL**

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Consolidation Coal Company  
COAL OPERATOR OR OWNER  
 P. O. Box 1314, Morgantown, WV 26507-1314  
ADDRESS  
 Same as above  
COAL OPERATOR OR OWNER  
 Charles E. Bolyard  
ADDRESS  
LEASE OR PROPERTY OWNER  
ADDRESS

Consolidation Coal Company  
NAME OF WELL OPERATOR  
 P. O. Box 1314, Morgantown, WV 26507-1314  
COMPLETE ADDRESS  
 October 10, 1983  
WELL AND LOCATION  
 Clay District  
 Monongalia County  
 Well No. Lavina Tennant #5

STATE INSPECTOR SUPERVISING PLUGGING

William Blosser

**RECEIVED**

OCT 18 1983

**AFFIDAVIT**

STATE OF WEST VIRGINIA,

County of Monongalia

David Yost

Larry Yost

OIL & GAS DIVISION  
DEPT. OF MINES

and  
 being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Co. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 16th day of September, 1983, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION		SIZE & KIND		
Cleaned out well bore to 1442'. Found and pulled 228' of 8" casing to 1374'. Ran coal protection string as follows: 2 3/8" tubing - 724' to 1434'. 4 1/2" casing from 724' to surface. Latch down plug at 692', float valve at 715'. Circulated cement to surface as follows: Pumped 430 sacks of Poz Mix followed by 425 sacks of expanding type cement. Displaced cement to 692' with water. Let set and bailed dry.	Eight inch casing from 725' to 1374'. Ran coal protection string as follows: 2 3/8" tubing - 724' to 1434'. 4 1/2" casing from 724' to surface. Latch down plug at 692', float valve at 715'. Circulated cement to surface as follows: Pumped 430 sacks of Poz Mix followed by 425 sacks of expanding type cement. Displaced cement to 692' with water. Let set and bailed dry.	4 1/2" casing 2 1/2" tubing	724' to surface. 724' to 1374'	
COAL SEAMS				
(NAME) Pittsburgh	581' - 589'			
(NAME)				
(NAME)				
(NAME)				
			DESCRIPTION OF MONUMENT	
			Five feet of 4 1/2" casing with plaque stating: Consol Lavina Tennant #5, 47-061-0730-RED	

and that the work of plugging and filling said well was completed on the 23rd day of September, 1983.

And further deponents saith not.

Sworn to and subscribed before me this 14th day of October, 1983.

*Larry Yost*  
*David Yost*  
*Ronald W. Bon*

My commission expires:

MARCH 10, 1992

Notary Public

Permit No. 061-730-P  
RED.