

A2

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A. Oil \_\_\_ / Gas X /  
B. (If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X /
- 5) LOCATION: Elevation: 777.07' Watershed Straight Creek of Little Kanawha River  
District: Burning Springs County: Wirt Quadrangle: 7.5' Burning Sp.
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc. 7) DESIGNATED AGENT Harry L. Berger, Jr.  
Address 360 Madison Ave. Fifth Floor Address 710 Virginia St., E.  
New York, New York 10017 Charleston, W.V. 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
Name Deo Mace Name UNKNOWN AT THIS TIME  
Address Rt. 1 Box 5 Address \_\_\_\_\_  
Sandridge, W.V. 25274
- 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, Brown Shale
- 12) Estimated depth of completed well (or actual depth of existing well), 4900 feet
- 13) Approximate water strate depths: Fresh, \_\_\_ feet; salt, \_\_\_ feet.
- 14) Approximate coal seam depths: 0 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									Kinds
Fresh water	9 5/8	LS	33#	X		300'	300'	To Surface	
Coal									Sizes
Intermediate	7"	J-55	20#	X		1925'	1925'	100 sks	
Production	4 1/2	ERW	10.5#	X			4900'	250 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

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 (or less than 5 days if the Application is to plug a well), 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 for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-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: \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_  
\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

RECEIVED 01/05/2024  
JUL 15 1983

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.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

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 Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, WV 25311  
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an 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 under 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 personally served or mailed to you 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. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) You may call the Administrator'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 should 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 Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator 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 Administrator.

List of Water Testing Laboratories. The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

01/05/2024

A-1



1) Date: July 14, 19 83  
2) Operator's Well No. 812  
3) API Well No. 47 -105 - 1085  
State County Permit

DRILLING CONTRACTOR:

UNKNOWN

AT THIS TIME

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

OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil / Gas X  
B (If "Gas", Production X / Underground storage / Deep / Shallow X)  
5) LOCATION: Elevation: 777.07' / Watershed: Straight Creek of Little Kanawha River  
District: Burning Springs / County: Wirt / Quadrangle: Wirt  
6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc / 11) DESIGNATED AGENT Harry L. Berger, Jr.  
Address 360 Madison Ave., Fifth Floor / Address 710 Virginia St., E.  
New York, New York 10017 / Charleston, W.V. 25301

7) OIL & GAS ROYALTY OWNER Julia F. Joyce, et al  
Address Apt. 403 - B Lakeview Est. Parkersburg, W.V. 26101  
Acreage 68.75

12) COAL OPERATOR UNOPERATED  
Address

8) SURFACE OWNER Westvaco Corp.  
Address #2 Ferguson Dr. Parkersburg, W.V. 26101  
Acreage 68.75

13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name UNKNOWN  
Address

9) FIELD SALE (IF MADE) TO:  
Address

Name  
Address

10) OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Deo Mace  
Address Rt. 1 Box 5 Sandridge, W.V. 25274

14) COAL LESSEE WITH DECLARATION ON RECORD:  
Name  
Address

15) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate  
Plug off old formation / Perforate new formation  
Other physical change in well (specify)

RECEIVED  
JUL 15 1983

16) GEOLOGICAL TARGET FORMATION, BROWN SHALE  
17) Estimated depth of completed well, 4900 feet

OIL & GAS DIVISION  
DEPT. OF MINES

18) Approximate water strata depths: Fresh, feet; salt, feet.  
19) Approximate coal seam depths: 0 Is coal being mined in the area? Yes / No X

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	9 5/8	LS	33#	X		300'	300'	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	7"	J-55	20#	X		1925'	1925'	100 sks	
Production	4 1/2	ERW	10.5#	X			4900'	250 sks	Depths set as req by Rule 15.01
Tubing									Perforations:
Liners									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: David M. Gillespie  
My Commission Expires May 10, 1989

Signed: Harry L. Berger, Jr.  
Its: Designated Agent 01/05/2024

OFFICE USE ONLY

Permit number 47-105-1085 DRILLING PERMIT August 8 19 83  
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. 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 8, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: BB Agent: Plat: Casings: Fee 5239

[Handwritten signature]

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.

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.

01/05/2024

**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.

1) Date: July 14, 19 83  
2) Operator's Well No. 812  
3) API Well No. 47-105-1085  
State County Permit

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

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name Westvaco Corp.  
Address #2 Ferguson Dr.  
Parkersburg, W.V. 26101  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR UNOPERATED  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name UNKNOWN  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
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 IV-2(B) (or Form IV-4 if the well is to be plugged, 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 IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-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 (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 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 Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-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 Administrator.

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

HARRY L. BERGER, JR.  
this 14 day of July, 1983.  
My commission expires May 10, 1989.

David M. Gillespie  
Notary Public, Kanawha County,  
State of W.V.

WELL OPERATOR Sterling Drilling and Production Co., Inc.  
By Harry L. Berger Jr.  
Its Designated Agent  
Address 710 Virginia St., E.  
Charleston, W.V. 25301  
Telephone 304/ 342 - 0121

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 22-4-1-(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 X

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

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 Office 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 § 22-4-1b(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) See Code § 22-4-20.
- 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 § 22-4-1k 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a 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 § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
-----------------------	-----------------------	---------	------	------

A-5

STERLING DRILLING AND PRODUCTION CO., INC.

ARCADE BUILDING  
710 VIRGINIA STREET EAST  
CHARLESTON, WEST VIRGINIA 25301  
(304) 842-0121

State of West Virginia  
Department of Mines  
Office of Oil and Gas  
Charleston, W.V. 25311

Date JULY 13, 1983

SUBJECT: Oil and Gas Well Permit Application

REFERENCE: Extraction Rights

COMPLIANCE: Code 22-4-1-(C)

Sterling Drilling and Production Co., Inc. Well Number 812

Lease Number 111-004 Acreage 68.75

Lease Date 9/4/80 Recording Date 11/13/80

Recorded in Book 159 at Page 599

LESSOR INDEX ON REVERSE SIDE

LOCATION: BURNING SPRINGS District of WIRT County

WATERSHED: STRAIGHT CREEK OF LITTLE KANAWHA RIVER

QUADRANGLE: 7.5' BURNING SPRINGS

RECEIVED

JUL 15 1983

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT

I, HARRY L. BERGER, JR., an authorized representative of Sterling Drilling and Production Co., Inc., hereby certify that the above information is true and that the owner or owners of the minerals underlying the above described tract will receive minimum one eighth (1/8) royalty payments from any producing oil and / or gas well drilled thereon under this contract.

Signed: Harry L. Berger Jr  
Authorized representative

Notary: David M. Gillespie

My Commission Expires 5/10/89

A-6

LESSOR INDEX

JOHN R. & BERTHA D. PELL

DONALD B. & TRANA ATKINS

ROBERT R. PELL

WILLARD S. & FONDA E. WHITE

HARRIETT STIFF

JULIA JOYCE

KERMIT & MARY CANTNER

KATHRYN PELL BROWN, EXECUTRIX OF J.R. PELL EST.





RECEIVED  
JAN 10 1984

IV-35  
(Rev 8-81)

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date 1/3/84  
Operator's Well No. 812  
Farm Julia Joyce  
API No. 47 - 105 - 1085

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 X /)  
LOCATION: Elevation: 777.07' Watershed Straight Ck. of L. Kanawha River  
District: Burning Spring County Wirt Quadrangle 7 1/2' Burning Spring

COMPANY Sterling Drilling & Prod. Co., Inc.  
ADDRESS 710 Virginia St. East Charleston, WV 25301  
DESIGNATED AGENT Harry L. Berger Jr.  
ADDRESS 710 Virginia St. E. Charleston, WV 25301  
SURFACE OWNER Westvaco Corp.  
ADDRESS #2 Furguson Dr. Parkersburg, WV 26101  
MINERAL RIGHTS OWNER Julia F. Joyce, et al  
ADDRESS Apt. 403-B Lakeview Est. Parkersburg, WV 26101  
OIL AND GAS INSPECTOR FOR THIS WORK Deo Mace  
ADDRESS Rt. 1 Bx.5 Sandridge, WV 25274  
PERMIT ISSUED 8/8/83  
DRILLING COMMENCED 8/13/83  
DRILLING COMPLETED 8/19/83  
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	409'	400'	to surface
8 5/8			
7	1933'	1933'	160 sx
5 1/2			
4 1/2		4860'	250 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4900' feet  
Depth of completed well 4906' KB feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 294' feet; Salt 1179' feet  
Coal seam depths: \_\_\_\_\_ Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Devonian Shale Pay zone depth 2421'-4824' feet  
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 189 Mcf/d Final open flow 1 Bbl/d  
Time of open flow between initial and final tests 48 hours  
Static rock pressure 700 psig (surface measurement) after 96 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

01/05/2024

(Continue on reverse side)

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
INSPECTOR'S PLUGGING REPORT

RECEIVED  
OCT 2 - 1982

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

Sterling Drilling and Production Co., Inc.  
Well Operator

By: Harry J. Berger, Jr.  
Date: Jan 6 1984

01/05/2024

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."

B-12



RECEIVED

OCT 23 1984

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia

Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
January 23, 1984

COMPANY Sterling Drilling & Prod. Co.

PERMIT NO 105-1085

710 Virginia Street, East

FARM & WELL NO Julia Joyce #812

Charleston, West Virginia 25301

DIST. & COUNTY Burning Springs/Wirt

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site		
16.02	Well Records Filed	✓	
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Homer H. Dougherty  
DATE 10/17/84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...  
Administrator-Oil & Gas Division

January 4, 1985

DATE

TMS/nw

January 5, 1984  
Date Application is Completed

304-342-0121  
Phone Number

FERC-171 (2-87)

01/05/2024

01/05/2024

PARTICIPANTS:

DATE: MAR 8 1984

BUYER-SELLER CODE

WELL OPERATOR: Sterling Drilling and Production Co. Inc.

018084

FIRST PURCHASER: Undedicated

OTHER: \_\_\_\_\_

Dev.

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER

840110-107-105-1085

Use Above File Number on all Communications  
Relating to Determination of this Well

**APPROVED**

MAR 21 1984

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC 121 \_\_\_\_\_ Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent \_\_\_\_\_
- 3. IV-2 Well Permit \_\_\_\_\_
- 4. IV-6 Well Plat \_\_\_\_\_
- 5. IV-35 Well Record \_\_\_\_\_ Drilling \_\_\_\_\_ Deepening \_\_\_\_\_
- 6. IV-36 Gas-Oil Test: Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7. IV-39 Annual Production \_\_\_\_\_ years
- 8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete? \_\_\_\_\_
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? \_\_\_\_\_ Affidavit Signed \_\_\_\_\_
- 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
Gas Analyses \_\_\_\_\_
- (5) Date commenced: \_\_\_\_\_ Date completed \_\_\_\_\_ Deepened \_\_\_\_\_
- (5) Production Depth: \_\_\_\_\_
- (5) Production Formation: \_\_\_\_\_
- (5) Final Open Flow: \_\_\_\_\_
- (5) After Frac. R. P. \_\_\_\_\_
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
- (8) Line Pressure: \_\_\_\_\_ PSIG from Daily Repo \_\_\_\_\_
- (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
- 17. Does lease inventory indicate enhanced recovery being done \_\_\_\_\_
- 17. Is affidavit signed? \_\_\_\_\_ Notarized? \_\_\_\_\_
- Official well record with the Department confirm the submitted information? \_\_\_\_\_
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

01/05/2024

A-9

RECEIVED  
JUL 15 1983

OIL & GAS DIVISION  
DEPT. OF MINES

#812 No. 173979

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		WESTVACO CORP.
STREET AND NO.		#2 FURBISON DR.
P.O., STATE AND ZIP CODE		PARKERSBURG, W.V. 26101
POSTAGE		\$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	€
	SPECIAL DELIVERY	€
	RESTRICTED DELIVERY	€
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	€
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES		\$ 2.52
POSTMARK OR DATE		JUL 15 1983 PARKERSBURG, WV

PS Form 3800, Apr. 1976

01/05/2024

B-4

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

RECEIVED

OCT 2 - 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 105-1085

Company Sterling Drilling + Prod Co.

Address Charleston, W. VA.

Farm Julia F. Joyce, et al.

Well No. 812

District Burning Springs County West

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Status report

Remarks: 9-24-84 - Inspected reclamation on road + location reclamation done, location + road seeded and mulched with straw by Ronald Lane Inc. Can be released when grass grows.

9-24-84

DATE

Homer H. Pennington  
DISTRICT WELL INSPECTOR

0110512024

Form 26  
2/16/82

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

**INSPECTOR'S PLUGGING REPORT**

**RECEIVED**  
OCT 2 - 1981

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location		Amount	Packer	Location		
	CEMENT-THICKNESS	WOOD-SIZE			RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.  
DATE

\_\_\_\_\_ DISTRICT WELL INSPECTOR  
01/05/2024



B-3

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

RECEIVED  
AUG 24 1983

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1085

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Sterling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
Address _____	16			
Farm <u>Joyce</u>	13			
Well No. <u>812</u>	10			Size of _____
District <u>Burrington Springs</u> County <u>Wirt</u>	8 1/4			Depth set _____
Drilling commenced <u>8-13-83</u>	<u>7"</u>	<u>1933'</u>	<u>1933'</u>	
Drilling completed _____ Total depth _____	5 3/16	<u>160 lbs cement</u>		
Date shot _____ Depth of shot _____	3	<u>Dowell 8-16-83</u>		Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Hurt #8

Remarks:  
409' 9 5/8" Dowell 160 lbs cement 8-13  
8-14-83

8-18-83  
DATE

W. E. Mac  
01/05/2024  
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks:

\_\_\_\_\_ I hereby certify I visited the above well on this date.  
 DATE

\_\_\_\_\_  
 DISTRICT WELL INSPECTOR  
**01/05/2024**

DEVONIAN SHALE GAMMA RAY LOG ANALYSIS  
APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: Sterling Drilling and Production Co., Inc. Agent: H.L. Berger

Type Determination being sought - 107 (Devonian Shale)

API Well No.: 47-105-1005 Well Name: Joyce # 812

West Virginia Office of Oil and Gas County: Wirt  
 References: SJA File No.

Vol. \_\_\_\_\_ Page \_\_\_\_\_ Line \_\_\_\_\_

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 160 \* API Units
2. Remarks:

API SCALE = 0 → 200 UNITS

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 160 \* API Units
2. Calculation:  $\frac{0.7 \text{ (GR Value at Base Line)}}{0.7 \text{ (} \underline{160} \text{ *)}} = \underline{112}$  API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2236'	4906'		

Total Devonian Interval 2670'

Total Less Than 0.7 (Shale Base) 33'

% Less Than 0.7 (Shale Base Line) =  $\frac{0.0123}{2670} \times 100 = \underline{1.23\%}$

01/05/2024

\*Marked on log included with analysis.  
 \*\*Top of Devonian Section Recorded on First Interval in this Column.  
 \*\*Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

Operator's Well No. Joyce #812

API Well No. 105 - 1085  
State 105 County 1085 Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. \_\_\_\_\_  
(If Applicable)

WELL OPERATOR Sterling Drilling and Production

DESIGNATED AGENT Harry L. Berger, Jr.

ADDRESS 710 Virginia St., East  
Charleston, WV 25301

ADDRESS Sterling Drilling & Production Co., Inc.  
Arcade Building, Charleston, WV. 25301

Gas Purchase Contract No. \_\_\_\_\_ and Date \_\_\_\_\_  
Meter Chart Code \_\_\_\_\_ (Month, day and year)

Name of First Purchaser UNDECIDED

(Street or P. O. Box)

(City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip Code) \_\_\_\_\_

FERC Seller Code 018084

FERC Buyer Code \_\_\_\_\_

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 107 Section of NGPA \_\_\_\_\_ Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Harry L. Berger, Jr. Agent  
Name (Print) \_\_\_\_\_ Title \_\_\_\_\_

Harry L. Berger, Jr.  
Signature \_\_\_\_\_

Sterling Drilling & Production Co., Inc.  
Street or P. O. Box \_\_\_\_\_  
Arcade Bldg., Charleston, WV 25301  
City \_\_\_\_\_ State \_\_\_\_\_ (Zip Code) \_\_\_\_\_

304 342-0121  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1976. (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_

Initial review of information submitted indicates the well  is,  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

JAN 10 1984

[Signature]  
Director

01/05/2024

Date received by \_\_\_\_\_  
Jurisdictional Agency

By \_\_\_\_\_  
Title \_\_\_\_\_

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 105 - 1085			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107	Section of NGPA      Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4906			feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<p align="center">Sterling Drilling and Production Co., Inc. &amp; GAS DIVISION</p> <p>Name: 710 Virginia St. East, Arcade Building</p> <p>Street: Charleston, WV 25301</p> <p>City: _____ State: _____ Zip Code: _____</p>			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<p align="center">Burning Springs District</p> <p>Field Name: Wirt</p> <p>County: _____ State: WV</p>			
(b) For OCS wells:	<p>Area Name: _____ Block Number: _____</p> <p align="center">Date of Lease:</p> <p align="center">Mo.    Day    Yr.</p> <p align="right">OCS Lease Number: _____</p>			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Joyce #812			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	UNDEDICATED			
(b) Date of the contract:	_____ Buyer Code: _____			
(c) Estimated total annual production from the well:	5.6			Million Cubic Feet
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	(a) Base Price 5.698	(b) Tax -----	(c) All Other Prices [Indicate (+) or (-).] -----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	5.698	-----	-----
9.0 Person responsible for this application:	<p align="center">Harry L. Berger, Jr.</p> <p>Name: _____ Designated Agent</p> <p>Signature: <i>Harry L. Berger, Jr.</i> Title: _____</p> <p align="center">January 5, 1984</p> <p>Date Application is Completed: _____ Phone Number: 304-342-0121</p>			

RECEIVED

JAN 10 1984

OFFICE OF MINES & ENERGY

Agency Use-Only

Date Received by \_\_\_\_\_ Agency: **JAN 10 1984**

Date Received by FERC: \_\_\_\_\_

FERC-171 (2-82)

01/05/2024



IV-9  
(Rev 8-81)

DATE 7-8-83

WELL NO. Joyce # 812

API NO. 47-105-1085

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Sterling Drilling & Prod. Co WELL OPERATOR Sterling Drilling & Prod.

Address 360 Madison Ave.- NY, NY 10017 Address c/o H.L. Berger - Chars., WV

Telephone (212) 949-9100 Telephone (304) 342-0121

LANDOWNER Westraeco Corp. SOIL CONS. DISTRICT Little Kanawha SCD

Revegetation to be carried out by Sterling Drilling & Prod. Co.-H.L. Berger (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 7-11-83

(Date)

Janett Newton  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure \_\_\_\_\_ (A)

Structure Diversion Ditch (1)

Spacing \_\_\_\_\_

Material Earthen

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual 2-10

Structure Drainage Ditches (B)

Structure Rip-Rap (2)

Spacing Roadside

Material Rock

Page Ref. Manual 2-10

Page Ref. Manual 2-9

Structure Cross Ditches (C)

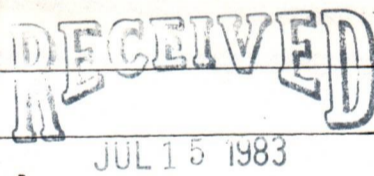
Structure \_\_\_\_\_ (3)

Spacing 135' for 5% grade

Material \_\_\_\_\_

Page Ref. Manual 2-4

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 snags to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 2 Tons/acre  
or correct to pH 6.5

Lime 2 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Mulch Hay 2 Tons/acre

Seed\* Ky-31 40 lbs/acre

Seed\* Ky-31 40 lbs/acre

Ladino Clover 4 lbs/acre

Ladino Clover 4 lbs/acre

lbs/acre

lbs/acre

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

01/05/2024

Moore's Well Services, Inc.

PLAN PREPARED BY Richard X. Campbell

ADDRESS Route 1 Box 30

Duck, WV 25063

PHONE NO. (304) 364-5780

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

