

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) FWA Drilling Co., Inc.

Address Box 448

Elkview, W.V. 25071

GEOLOGICAL TARGET FORMATION DEVONIAN SHALE (Brown)
Estimated depth of completed well 4500 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, feet; salt, feet.
Approximate coal seam depths: 0
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling		
Conductor								Kinds
Fresh water	8 5/8	LS	20#	X		400'	400'	To Surface
Coal	8 5/8	LS	20#	X				Sizes
Intermed.								
Production Tubing	4 1/2	CW	10.5#	X			4500'	450 sks
Liners								Perforations: Top Bottom

NOTE: 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.
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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 8-18-82.

J. H. Hargrett
Deputy Director - Oil & Gas Division

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:

W A I V E R

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:

UNRECORDED

09/15/2023

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN AT THIS TIME

Address _____

GEOLOGICAL TARGET FORMATION, BROWN SHALE

Estimated depth of completed well, 4500 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.

Approximate coal seam depths: 0 Is coal being mined in the area? Yes _____ / No X /

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	8 5/8	LS	20#	X		400'	400'	To Surface		
Coal										
Intermediate										
Production	4 1/2	CW	10.5#	X			4500'	450 sks		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

NOTE: 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.

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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR DRILLING. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 7/29/83.
BY [Signature]

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

09/15/2023

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 _____



1) Date: October 6, 19 83

2) Operator's Well No. Taylor #598 - Ren.

3) API Well No. 47 - 087 - 3515-REN
State County Permit

Formerly 47 - 087 - 3515

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, 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: 1019.52' Watershed: Rush Creek
District: Smithfield County: Roane Quadrangle: 7.5' Looneyville
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc. 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 Name Homer H. Dougherty
Address Linden Rt. Box 3 - A
Looneyville, W.V. 25259
- 9) DRILLING CONTRACTOR: Name UNKNOWN AT THIS TIME
Address _____
- 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, BROWN SHALE
- 12) Estimated depth of completed well, 5375' feet
- 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: 0 Is coal being mined in the area? Yes No

RECEIVED
OCT 18 1983

OIL & GAS DIVISION
DEPT. OF MINES

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		375'	375'	To Surface	By Rule 15-c15
Coal									Sizes
Intermediate	7"	J-55	20#	X		2325'	2325'	100 sks	
Production	4 1/2	ERW	10.5#	X			5375'	250 sks	Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-087-3515-REN

October 26, 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. 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 26, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
BLANKET BOND	ls	[Signature]	[Signature]	5663

[Signature]
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WILL THE PROPOSED WELL WORK BE A: NEW WELL MODIFICATION TO EXISTING WELL REPAIR TO EXISTING WELL

2) LOCATION: District: _____ County: _____ Township: _____ Range: _____ Section: _____

3) WELL OPERATOR: Name: _____ Address: _____

4) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: _____ Address: _____

5) DRILLING CONTRACTOR: Name: _____ Address: _____

6) PROPOSED WELL WORK: Plug off old formation Restore new formation Other physical change in well (specify): _____

7) GEOLOGICAL TARGET FORMATION: _____

8) Estimated depth of completed well: _____ feet

9) Approximate true depth: _____ feet

10) Approximate coal seam depths: _____ feet

11) CASING AND TUBING PROGRAM: _____

RECEIVED

OIL & GAS DIVISION DEPT. OF MINES

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason:

Reason:

Handwritten signatures and notes under the Reason fields.

Board	Agent	Inspector	Well	Level

09/15/2023



1) Date: October 6, 19 83
 2) Operator's Well No. Taylor #598 - Ren.
 3) API Well No. 47 State _____ County _____ Permit _____

Formerly 47 - 087 - 3515

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
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: 1019.52' Watershed: Rush Creek
 District: Smithfield County: Roane Quadrangle: 7.5' Looneyville
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc. 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 Name Homer H. Dougherty
 Address Linden Rt. Box 3 - A
Looneyville, W.V. 25250
- 9) DRILLING CONTRACTOR: Name UNKNOWN AT THIS TIME
 Address _____
- 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, 5375' feet
- 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: 0 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	<u>4 5/8</u>	<u>LS</u>	<u>33#</u>	<u>X</u>		<u>375'</u>	<u>375'</u>	<u>To Surface</u>		<u>By Rule 15.05</u>
Coal										Sizes
Intermediate	<u>7"</u>	<u>J-55</u>	<u>20#</u>	<u>X</u>		<u>2325'</u>	<u>2325'</u>	<u>100 sks</u>		
Production	<u>4 1/2</u>	<u>ERM</u>	<u>10.5#</u>	<u>X</u>			<u>5375'</u>	<u>250 sks</u>		Depths set
Tubing										
Liners										Perforations:
										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 §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 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.

Date: _____, 19 _____ By: _____
 Its: _____

09/15/2023
 Coal Owner

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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Rean B. Taylor Box 836 Big Chimney	Sterling Drilling & Prod. Co., Inc.	1/8	159/274

09/15/2023

1) Date: October 6, 19 83
2) Operator's Well No. Taylor #598 - Ren.
3) API Well No. 47
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS Formerly 47 - 087 - 3515
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name Rean B. Taylor
Address Box 836
Big Chimney, W.V.
(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.

RECEIVED

OCT 18 1983

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

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.

OIL & GAS DIVISION
DEPT. OF MINES

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 6th day of October, 19 83. My commission expires May 10, 19 89.

WELL OPERATOR Terling Drilling & Prod. Co., Inc.
By Harry L. Berger
Its Designated Agent
Address 710 Virginia St., E.
Charleston, W.V. 25301
Telephone 342 - 0121

David M. Stillupie
Notary Public, Kanawha County,
State of West Virginia

09/15/2023



1) Date: October 6, 1983
 2) Operator's Well No. Taylor #598 - Ren.
 3) API Well No. 47 State _____ County _____ Permit _____

Formerly 47 - 087 - 3515

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

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow _____ /)
- 5) LOCATION: Elevation: 1019.52' Watershed: Rush Creek
 District: Smithfield County: Roane Quadrangle: 7.5' Lonsayville
- 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 Homer H. Dougherty Name UNKNOWN AT THIS TIME
 Address Linden Rt. Box 3 - A Address _____
Looneyville, W.V. 25259
- 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, 5375' feet
- 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: 0 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	<u>1 5/8</u>	<u>LS</u>	<u>33#</u>	<u>X</u>		<u>375'</u>	<u>375'</u>	<u>To Surface</u>	
Coal									Sizes
Intermediate	<u>7"</u>	<u>J-55</u>	<u>20#</u>	<u>X</u>		<u>2325'</u>	<u>2325'</u>	<u>100 sks</u>	
Production	<u>1 1/2</u>	<u>ERV</u>	<u>10.5#</u>	<u>X</u>			<u>5375'</u>	<u>250 sks</u>	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 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 _____

X Ronan B. Taylor Date: 10-12-83
 (Signature)
 _____ Date: _____
 (Signature)



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

**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 22, Article 4 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 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, West Virginia 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 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 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 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 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.

 (Signature)

 (Date)

 (Signature)

 (Date)

09/15/2023
Surface Owner

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
Oil and Gas Division
Charleston, WV 25305

Date September 28, 1982

Re: Sterling Drilling and
Production Co., Inc.
Well No. 598 - Ren.

AFFIDAVIT

I, Harry L. Berger, Jr., an authorized representative, hereby verify that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-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.

Signed: Harry L. Berger, Jr.
Authorized Representative

Notary: David M. Gillespie (Signed)

My commission expires May 10, 1989.

09/15/2023

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

Perforations:

1st Stage: 20 holes 4812'-5371'
 2nd Stage: 26 holes 4113'-4652'
 3rd Stage: 17 holes 3694'-3993'

Treatment

1st Stage: 1000 gals. 15% HCl; 1,388 MSCF N₂
 2nd Stage: 750 gals. 15% HCl; 1,114 MSCF N₂
 3rd Stage: 750 gals. 15% HCl; 1,165 MSCF N₂

WELL LOG
598

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil			0	6	
Siltstone and Shale			6	456	Fresh water @ 290'
Sandstone			456	522	
Siltstone and Shale			522	1006	
Sandstone			1006	1162	
Sandstone and Shale			1162	1742	Salt water @ 1420'
Salt Sand			1742	2008	
Little Lime			2008	2038	
Pencil Cave			2038	2046	
Big Lime			2046	2168	
Big Injun			2168	2204	
Siltstone and Shale			2204	2586	
Sunbury Shale			2586	2600	
Siltstone and Shale			2600	3070	
Shale			3070	4954	Gas Shows 3694'-3993'
Siltstone			4954	4983	4113'-4652'
Shale			4983	5399	4812'-5371'
Total Depth				5399	

(Attach separate sheets as necessary)

Sterling Drilling and Production Co., Inc.

Well Operator

09/15/2023

By:

Harry J. Berger

Date:

10-11-84

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"

IV-35
(Rev 8-81)

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OCT 15 1984

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date September 13, 1984
Operator's
Well No. # 598-Ren.
Farm Taylor
API No. 47 - 087 - 3515-Ren

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1019.5 Watershed Rush Creek
District: Smithfield County Roane Quadrangle Looneyville 7 1/2'

COMPANY Sterling Drilling & Production Co., Inc.
ADDRESS 710 Va. St. E., Charleston, WV 25301
DESIGNATED AGENT Harry L. Berger, Jr.
ADDRESS 710 Va. St. E., Charleston, WV 25301
SURFACE OWNER Rean B. Taylor
ADDRESS Box 836, Big Chimney, WV
MINERAL RIGHTS OWNER Rean B. Taylor
ADDRESS Same
OIL AND GAS INSPECTOR FOR THIS WORK Homer H. Dougherty
Linden Rt. Bx 3-A
ADDRESS Looneyville, WV 25259
PERMIT ISSUED October 26, 1983
DRILLING COMMENCED July 25, 1984
DRILLING COMPLETED August 1, 1984
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	357'	357'	145 sks.
8 5/8			
7	2304'	2304'	175 sks.
5 1/2			
4 1/2		5389'	285 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5375 feet
Depth of completed well 5399 feet Rotary X / Cable Tools
Water strata depth: Fresh 290 feet; Salt 1420 feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 3694'-5371' feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d
Final open flow 581 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 18.5 hours
Static rock pressure 1250 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)

ROANE
3515-REN

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

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OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3515-Ren

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Sterling Drilling & Prod.</u>	Size			
<u>Charleston, W. Va.</u>	16			Kind of Packer _____
<u>Rean B. Taylor</u>	13			
<u>Taylor 598</u>	10			Size of _____
<u>Smithfield County Roane</u>	8 1/4			
<u>7/25/84</u>	<u>7"</u>	<u>7</u>	<u>2304</u>	Depth set _____
Drilling commenced _____	5 3/16			
Drilling completed _____ Total depth _____	3			Perf. top _____
Date shot _____ Depth of shot _____	2			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	Liners Used			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch				Perf. bottom _____
Volume _____ Cu. Ft.	CASING CEMENTED <u>7"</u> SIZE <u>2304</u> No. FT. <u>7/29/84</u> Date			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY <u>Dowell</u>			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Fred McCroskey Pusher Steve Arbogast

Client Hart Rig #7

Remarks: 7/29/84 Ran 2304 ft of 7" pipe and cemented with 175 sacks of neat 3% C.C. + 1/4 lb. of floccid Plug down 4:45 P.M. by Dowell.

7/31/84 4182 ft deep drilling on air with 6 1/4" Bit


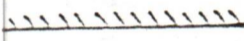




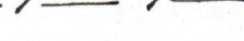



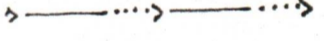
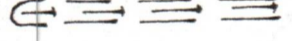
7/31/84
DATE

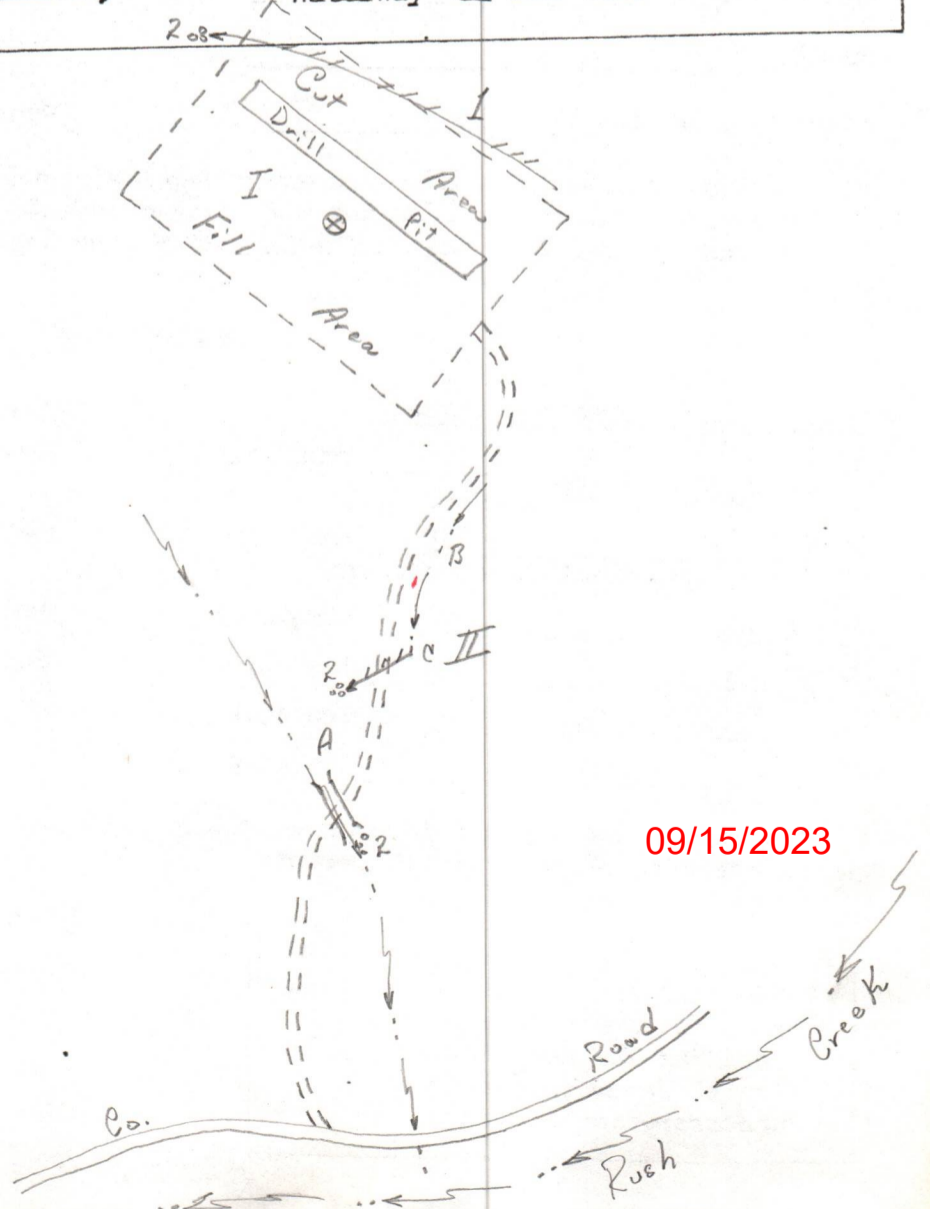
Homer H. Dougherty
09/15/2023
DISTRICT WELL INSPECTOR



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 



09/15/2023



DATE 12-1-81

WELL NO. TAYLOR # 598

API NO. 47 - 087 - 3515

State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Sterling Drilling & Prod. Co WELL OPERATOR Charlie E. Moore
Address 360 Madison Ave. - NY, NY 10017 Address Rt. 1 Box 30 - Duck, WV 25063
Telephone (212) 949-9100 Telephone (304) 364-5780
LANDOWNER REANE B. TAYLOR SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by Moore's Well Services, Inc. - C.E. Moore (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 12-1-81 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>Size 16"</u>	Material <u>Earthen</u>
Page Ref. Manual <u>1:7</u>	Page Ref. Manual <u>1:9</u>
Structure <u>Drainage Ditches</u> (B)	Structure <u>Rip-Rap</u> (2)
Spacing _____	Material <u>Rock</u>
Page Ref. Manual <u>I-11</u>	Page Ref. Manual <u>N/A</u>
Structure <u>Cross Ditches</u> (C)	Structure _____ (3)
Spacing <u>150'</u>	Material _____
Page Ref. Manual <u>I-6</u>	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.

Pete Cline

REVEGETATION

Location - Treatment Area I

Line 2 Tons/acre
or correct to pH 6.5

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

Mulch Hay 2 Tons/acre

Seed* Ky 31 35 lbs/acre
Ladino Clover 5 lbs/acre
_____ lbs/acre

Roadway - Treatment Area II

Line 2 Tons/acre
or correct to pH 6.5

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

Mulch Hay 2 Tons/acre

Seed* Ky 31 45 lbs/acre
_____ lbs/acre
_____ lbs/acre

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

Moore's Well Services, Inc. 09/15/2023

PLAN PREPARED BY Richard A. Campbell

ADDRESS Route 1 Box 30

Duck, WV 25063

PHONE NO. (304) 364-5780

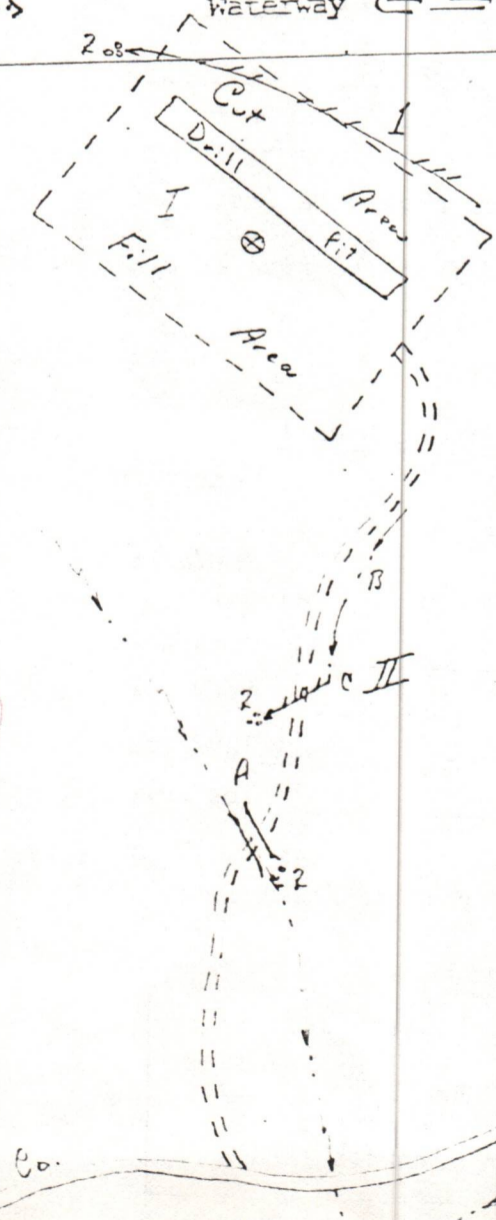
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.



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	



09/15/2023



DATE 12-1-81
WELL NO. TAYLOR # 598
API NO. 47-087-3515-ken

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Sterling Drilling & Prod. Co WELL OPERATOR Charlie E. Moore
Address 360 Madison Ave. - NY, NY 10017 Address Rt. 1 Box 30 - Duck, WV 25063
Telephone (212) 949-9100 Telephone (304) 364-5780

LANDOWNER REANE B. TAYLOR SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by Moore's Well Services, Inc. - C.E. Moore (Agent)

This plan has been reviewed by Little Kanawha SD. All corrections and additions become a part of this plan: 12-1-81 (Date)
Jarrett Newton (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert</u> (A)	Structure <u>Diversion - Ditch</u> (1)
Spacing <u>Size 16"</u>	Material <u>Earthen</u>
Page Ref. Manual <u>1:7</u>	Page Ref. Manual <u>1:9</u>
Structure <u>Drainage Ditches</u> (B)	Structure <u>Rip-Rap</u> (2)
Spacing _____	Material <u>Rock</u>
Page Ref. Manual <u>I-11</u>	Page Ref. Manual <u>N/A</u>
Structure <u>Cross Ditches</u> (C)	Structure _____ (3)
Spacing <u>150'</u>	Material _____
Page Ref. Manual <u>I-6</u>	Page Ref. Manual _____

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DEPT. OF MINE

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.
Pete Cline

REVEGETATION

Location - Treatment Area I

Line 2 Tons/acre
or correct to pH 6.5

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

Mulch Hay 2 Tons/acre

Seed* Ky 31 35 lbs/acre
Ladino Clover 5 lbs/acre
_____ lbs/acre

Roadway - Treatment Area II

Line 2 Tons/acre
or correct to pH 6.5

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

Mulch Hay 2 Tons/acre

Seed* Ky 31 45 lbs/acre
_____ lbs/acre
_____ lbs/acre

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

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 8, 1984

RECEIVED
AUG 6 - 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

COMPANY Sterling Drilling & Prod. Co.
710 Virginia Street, East
Charleston, West Virginia 25301

PERMIT NO 087-3515-REN (10-26-83)
FARM & WELL NO Rean Taylor #598-REN
DIST. & COUNTY Smithfield/Roane

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

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

SIGNED Homer H. Dougherty
DATE 8/2/85

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. B.
Administrator-Oil & Gas Division

August 22, 1985
DATE

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

RECEIVED

AUG - 7 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 087-3515-Rem.

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Sterling Drilling Prod.</u>	Size			
<u>Charleston, W.Va.</u>	16			Kind of Packer _____
<u>Rean B. Fayles</u>	13			
<u>Fayles 4598</u>	10			Size of _____
<u>Southfield County Roane</u>	8 3/4			
<u>7/25/84</u>	6 5/8			Depth set _____
<u>8/1/84 Total depth 5414</u>	5 3/16			
	4 1/2		5389	Perf. top _____
	2			Perf. bottom _____
	Liners Used			Perf. top _____
				Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	CASING CEMENTED <u>4 1/2</u> SIZE <u>5389</u> No. FT. <u>8/1/84</u> Date			
Open flow after tubing _____ /10ths Merc. in _____ Inch	NAME OF SERVICE COMPANY <u>Dowell</u>			
Volume _____ Cu. Ft.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Rock pressure _____ lbs. _____ hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Oil _____ bbls., 1st 24 hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

Drillers' Names Fred McCroskey Pusher Steve Arbogast
Hart Rig #7

Remarks: 8/1/84 F.D. of Well 5414.
Ran 5389 ft of 4 1/2" pipe and cemented with 280 sacks
of 58/58 pozmix 10 lb salt 1/8 lb of flocc + 12 1/2 lb. Kolite
Plug down 10:45 P.M. by Dowell

8/3/84
DATE

Homer H. Doughty
DISTRICT WELL INSPECTOR
09/15/2023

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

RECEIVED
OCT 30 1984

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3515-Ren.

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Sterling Drilling & Prod.</u>	Size			
<u>Charleston</u>	16			Kind of Packer _____
<u>Rean B. Taylor</u>	13			
<u>Taylor #598</u>	10			Size of _____
<u>Smithfield County Roane</u>	8 1/4			
<u>7/25/84</u>	6 5/8			Depth set _____
<u>8/1/84</u> Total depth <u>5414</u>	5 3/16			
Date shot _____ Depth of shot _____	3			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 Status Report Location road has been

Remarks: reclaimed seeded & mulched. However crew has tracked up road. Entrance road was changed

Road needs ditched at Co. Road and water diverted through culvert instead of out on Co. Road

Also entrance road needs stoned.

Contacted Sterling 10/26/84 about Problem.

10/22/84
DATE

Homes H. DeLoach
09/15/2023
DISTRICT WELL INSPECTOR

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

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OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 087-3515 - Ren.

Oil or Gas Well _____
(KIND)

Company Sterling Drilling & Prod.
 Address Charleston, W. Va.
 Farm Rean B. Foyles
 Well No. Foyles #598
 District Smithfield County Roane
 Drilling commenced 7/25/84
 Drilling completed 8/1/84 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: 11/19/84 Location + Road have been reclaimed, seeded + Mulched, grass just starting to grow. Lease road has been stoned from state Road to top of first Bank. Culverts cleaned out + Working Water not flowing on State Road.

11/19/84
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

09/15/2025

7

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

RECEIVED
MAY 7 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3515 Ren

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Sterling Drilling</u>	Size			
<u>Chas., W. Va.</u>	16			Kind of Packer _____
<u>Rean B. Taylor</u>	13			
<u>Taylor 598</u>	10			Size of _____
<u>Smithfield</u> County <u>Boone</u>	8 1/4			
Drilling commenced _____	6 3/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			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 Status Report

Remarks:
5-1-85 - location reclaimed, grass growing, part of loc. has been disturbed due to setting separator and tank, needs reseeded also road needs graded and ditched.

5-1-85
DATE

Homer H. Dougherty
09/15/2023
DISTRICT WELL INSPECTOR

B11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

Permit No. 087-3515REN County Roane/Smithfield
Company Sterling Drilling & Production Co. Farm Rean B. Taylor
Inspector HOMER H. DOUGHERTY Well No. 598
Date September 8, 1983

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 Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: Release on Cancellation if location is ok
Permit expired

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Homer H. Dougherty
DATE: 9/23/83 09/15/2023



B12

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

September 28, 1983

Sterling Drilling & Production Co.
710 Virginia Street, East - Arcade Bldg.
Charleston, West Virginia 25301

In Re: PERMIT NO: 47-087-3515-REN.
FARM: Rean B. Taylor
WELL NO: 598
DISTRICT: Smithfield
COUNTY Roane

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in his office. Only the column check below applies:

XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

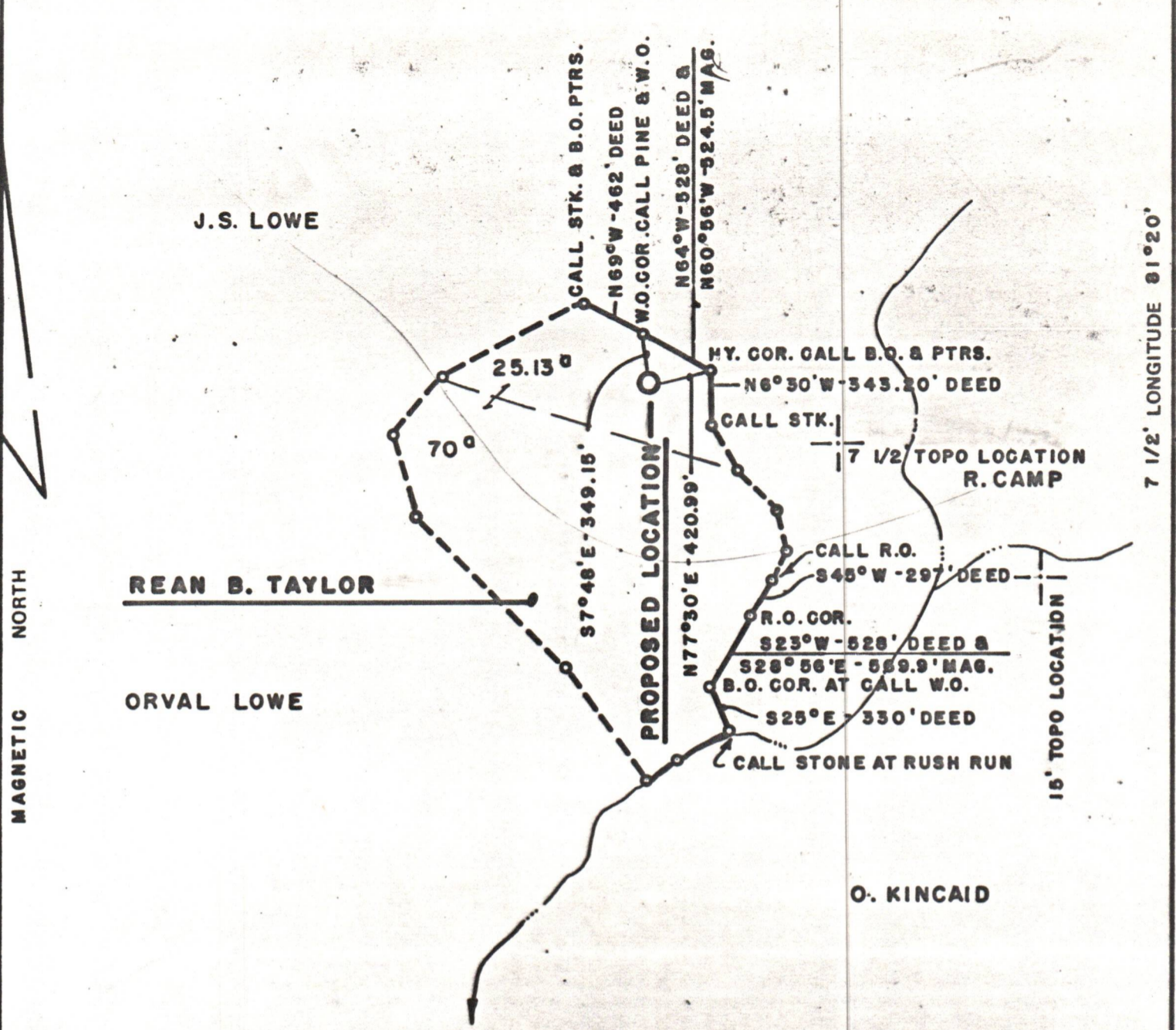
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

S/rl

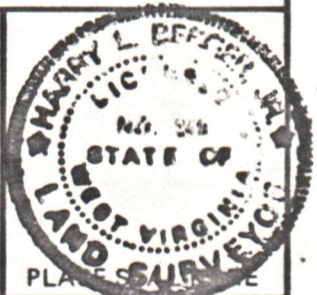
09/15/2023



N.B. H-17, Pg. 26

FILE NO. 098-036 NO.1
 DRAWING NO. 73-B
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. SHOWN EL. 729'

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) Harry A. Berger, Jr.
 R.P.E. _____ L.L.S. 248



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



DATE NOV. 8, 1981
 OPERATOR'S WELL NO. 528
 API WELL NO. 47-087-3515-Reg
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED
Re-Instated 10/26/83

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1019.52' WATER SHED RUSH CREEK
 DISTRICT SMITHFIELD COUNTY ROANE
 QUADRANGLE 7 1/2 LOONEYVILLE (WALTON N.E.)
 SURFACE OWNER REAN B. TAYLOR ACREAGE 97
 OIL & GAS ROYALTY OWNER REAN B. TAYLOR LEASE ACREAGE 100
 LEASE NO. 098-036
 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 DEVONIAN SHALE ESTIMATED DEPTH 4500'
 WELL OPERATOR STERLING DRUG & PROD. CO., INC. AGENT CHARLIE MOORE
 ADDRESS 360 MADISON AVE., 8 TH FLOOR ADDRESS RT. 1 BOX 30
NEW YORK, NY 10017 DUCK, WV 26063

09/15/2023

Brown shale