

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

RECEIVED

APR 10 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 13-3664

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

Company Sterling  
 Address \_\_\_\_\_  
 Farm Walker  
 Well No. 856  
 District Lee County Cal.  
 Drilling commenced 4-3-84  
 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

Drillers' Names FWA 23

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			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

Remarks: 303' casing 9 5/8", 100 SKS cement, Halibuton 4-3-84

Not Notified

4-4-84  
DATE

[Signature] 05/17/2024  
DISTRICT WELL INSPECTOR







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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
September 24, 1984

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

PERMIT NO 013-3664 (11-01-83)  
FARM & WELL NO Francis Walker #856  
DIST. & COUNTY Lee/Calhoun

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	_____	_____
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 *D. M. Moore*  
DATE 7-27-84

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

July 3, 1985

DATE



**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 - 013 - 3664 -												
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.)	5108 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"><b>Sterling Drilling and Production Co. Inc.</b>      018084  <small>Name      Seller Code</small></p> <p align="center">710 Virginia St. East, Arcade Building</p> <p align="center">Charleston, WV 25301  <small>Street      City      State      Zip Code</small></p>												
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	<p>Lee District  <small>Field Name</small></p> <p>Calhoun  <small>County      State      WV</small></p> <p>Area Name      Block Number</p> <p align="center">Date of Lease:  <table border="1" style="margin: auto;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>Mo.</td><td>Day</td><td>Yr.</td><td colspan="3">OCS Lease Number</td></tr> </table> </p>							Mo.	Day	Yr.	OCS Lease Number		
Mo.	Day	Yr.	OCS Lease Number										
(c) Name and identification number of this well: (35 letters and digits maximum.)	Walker 856												
(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.) (b) Date of the contract:	<p align="center">Undedicated  <small>Name      Buyer Code</small></p> <p align="center">Mo. Day Yr.</p>												
(c) Estimated total annual production from the well:	24 Million Cubic Feet												

	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU 5 8 3 4	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU -----	-----	-----	-----

9.0 Person responsible for this application:	<p align="center">Harry L. Berger, Jr.  <small>Name</small></p> <p align="center"><i>Harry L. Berger Jr</i>  <small>Signature</small></p> <p align="center">Date Application is Completed</p>	<p align="center">Designated Agent  <small>Title</small></p> <p align="center">304-342-0121  <small>Phone Number</small></p>
----------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------

Agency Use Only

Date Received by Juris. Agency  
**SEP 10 1984**

Date Received by FERC

05/17/2024



APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
 PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)  
 (Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107, or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Use the codes in the table below for type of determination in item 2.

Section of NGPA (a)	Category Code (b)	Description (c)
102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS lease
103	-	New onshore production well
107	0	Deep (more than 15,000 feet) high-cost gas
107	1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	3	Gas produced from Devonian shale
107	5	Production enhancement gas
107	6	New tight formation gas
107	7	Recompletion tight formation gas
108	0	Stripper well
108	1	Stripper well - seasonally affected
108	2	Stripper well - enhanced recovery
108	3	Stripper well - temporary pressure buildup
108	4	Stripper well - protest procedure

Enter the appropriate information regarding other Purchasers/Contracts.

Contract Date (Mo, Da, Yr) (a)	Purchaser (b)	Buyer Code (c)

Remarks:

05/17/2024



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

SEP 27 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 23, 19 84

AGENCY USE ONLY

Applicant's Name: Sterling Drilling & Production Co., Inc.

WELL DETERMINATION FILE NUMBER

Address: 710 Virginia Street, E. Arcade Bldg  
Charleston, WV 25301

840910 - 107 - 013 - 3664  
~~3664~~

Use Above File Number on all  
Communications Relating to This Well

Gas Purchaser Contract No. \_\_\_\_\_

Date of Contract \_\_\_\_\_  
(Month, day and year)

Designated Agent: Harry L. Berger, Jr.

First Purchaser: \_\_\_\_\_

Address: Sterling Drilling & Prod. Co., Inc.  
710 Virginia St., E. Arcade Bldg.  
Charleston, WV 25301

Address: \_\_\_\_\_  
(Street or P.O. Box)

(City) (State) (Zip Code)

FERC Seller Code 018084

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

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

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

Signature: *Harry L. Berger Jr*  
Sterling Drilling & Prod. Co., Inc.  
Address: 710 Virginia St., E., Arcade Bldg.

(Street or P.O. Box)  
Charleston, WV 25301  
(City) (State) (Zip Code)  
Telephone: (304) 342-0121  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
  - 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
  - 103 New Onshore Production Well
- 107 High Cost Natural Gas
  - 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - 107-3 Devonian Shale
  - 107-5 Production enhancement
  - 107-6 New Tight Formation
  - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
  - 108- Stripper Well
  - 108-1 Seasonally Affected
  - 108-2 Enhanced Recovery
  - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

APPROVED

OCT -3 1984 05/17/2024

RECEIVED

SEP 10 1984

OIL & GAS DIV.  
DEPT. OF MINES



DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's  
Well No. Walker 856

API Well No.

47 - 013 - 3664  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT Harry L. Berger, Jr.

ADDRESS Arcade Building; 710 Virginia St., E.  
Charleston, WV 25301

LOCATION Elevation 711.67'  
Watershed West Fork Little Kanawha River  
Co., Inc. Lee County Calhoun Quad. 7.5 Brng Spring

WELL OPERATOR Sterling Drilling and Production  
ADDRESS 710 Virginia St., East  
Charleston, WV 25301

GAS PURCHASER \_\_\_\_\_  
ADDRESS \_\_\_\_\_

Gas Purchase  
Contract No. \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling began: April 3, 1984

Indicate the bottom hole pressure of the well and explain how this was calculated.

Bottom Hole Pressure. PSIA -- Pf = Pwe XLGS

$$t = 60 + (0.0075 \times 5108) + 459.67 = 558 \quad X = \frac{1}{53.34} \times 558 = 0.000336$$

$$Pf = 1010 \times 2.7183 \times 0.000336 \times 4119 \times 1.690 \times 1.08 = 1170 \text{ PSIA}$$

AFFIDAVIT

Harry L. Berger, Jr., having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(1) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Harry L. Berger, Jr.

STATE OF WEST VIRGINIA

COUNTY OF Kanawha, TO-WIT:

JoAnn K Brooks, a Notary Public in and for the state and county

aforesaid, do certify that Harry L. Berger, Jr., whose name is signed to the writing above, bearing date the 31<sup>st</sup> day of August, 1984, has acknowledged the same before me, in my county aforesaid.

I have appeared under my hand and official seal this 31<sup>st</sup> day of August, 1984. My term of office expires on the 27 day of October, 1991.

(NOTARIAL SEAL)

JoAnn K Brooks  
Notary Public

05/17/2024

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.: 47-013-3664 Well Name: Walker # 856

West Virginia Office of Oil and Gas County: Calhoun

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:

*Gamma Ray 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:  $0.7 \text{ (GR Value at Base Line)}$   
 $0.7 \text{ (} \underline{160} \text{ *)} = \underline{112} \text{ API Units}$

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***		
2170'	5108'		

Total Devonian Interval 2938'

Total Less Than 0.7 (Shale Base) 1'

% Less Than 0.7 (Shale Base Line) =  $\frac{0.0003}{2938} \times 100 = \underline{0.03} \%$

05/17/2024

\*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.



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

1.0 API well numbers:  
(If not assigned, leave blank. 14 digits.) 47 - 013 - 3664 -

2.0 Type of determination being sought:  
(Use the codes found on the front of this form.)  
108 Section of NGPA                           Category Code

3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)  
108 feet

4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)  
Sterling Drilling and Production Co. Inc. 018084  
Name      Seller Code  
710 Virginia St. East, Arcade Building  
Street  
Charleston, WV 25301  
City      State      Zip Code

5.0 Location of this well: (Complete (a) or (b).)  
(a) For onshore wells (35 letters maximum for field name.)  
Lee District Field Name  
Calhoun County      State WV

(b) For OCS wells:  
Area Name      Block Number  
Date of Lease:  
Mo. Day Yr.      OCS Lease Number

(c) Name and identification number of this well: (35 letters and digits maximum.)  
Walker #856

(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 Name      Buyer Code

(b) Date of the contract:  
Mo. Day Yr.

(c) Estimated total annual production from the well:  
24 Million Cubic Feet

	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU <u>4.118</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU <u>4.118</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

9.0 Person responsible for this application:  
Name Harry L. Berger, Jr. Designated Agent  
Signature [Signature] Title  
Date 12/17/84  
Date Application is Completed

Agency Use Only  
Date Received by Juris. Agency  
**DEC 28 1984**  
Date Received by FERC

30405479201  
Phone Number



856  
JAN 16 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: December 17, 19 84

Applicant's Name: Sterling Drilling & Production Co., Inc.

Address: 710 Virginia Street, E. Arcade Bldg  
Charleston, WV 25301

Gas Purchaser Contract No. \_\_\_\_\_

Date of Contract \_\_\_\_\_  
(Month, day and year)

First Purchaser: Undedicated

Address: \_\_\_\_\_  
(Street or P.O. Box)

(City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip Code) \_\_\_\_\_  
FERC Seller Code 018084

856 AGENCY USE ONLY  
Inc. WELL DETERMINATION FILE NUMBER  
8412 28 - 108 - 013 - 3664  
Use Above File Number on all  
Communications Relating to This Well

Designated Agent: Harry L. Berger, Jr.

Address: Sterling Drilling & Prod. Co.,  
710 Virginia St., E. Arcade Bldg  
Charleston, WV 25301

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

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

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

Signature: Harry L. Berger, Jr.

Address: Sterling Drilling & Prod. Co., Inc.  
710 Virginia St., E., Arcade Bldg.  
(Street or P.O. Box)

Charleston, WV 25301  
(City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip Code)

Telephone: 304 342-0121  
(Area Code) \_\_\_\_\_ (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

102 New Natural Gas

- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

103 New Onshore Production Well

- 103 New Onshore Production Well

107 High Cost Natural Gas

- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

108 Stripper Well Natural Gas

- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Bu

AGENCY USE ONLY

QUALIFIED

~~\_\_\_\_\_ 05/17/2024~~  
~~\_\_\_\_\_ 12/84 - 6/84~~

RECEIVED

DEC 28 1984

OIL & GAS DIV.  
DEPT. OF MINES

Date Received



05/17/2024

produced an average of 60 Mcf or less per production day for the 90-day period (item 1). All available months of production preceding the filing date are shown on Form IV-39.

c.) Will the maximum efficient rate of flow be established by other evidence? NO

3. Dates

a.) List the dates during the production period (including the 90-day production period) which gas was not produced. \_\_\_\_\_

b.) Why was no gas produced on these dates? \_\_\_\_\_

4. Crude Oil

How much oil did the well produce during the 90-day production period? 0 (total bls)

How much oil per day? \_\_\_\_\_

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax records and royalty payment records) and indicate the location of such records. ALL RECORDS THAT PERTAIN TO THE CERTIFICATION OF THIS WELL ARE LOCATED AT THE OFFICE OF THE PRODUCER AT THE ABOVE ADDRESS.

Describe the search made of any records listed above:

I HAVE CAUSED TO BE MADE A DILIGENT SEARCH OF ALL RECORDS THAT PERTAIN TO THE CERTIFICATION OF THIS WELL.

AFFIDAVIT

I, Harry L. Berger, Jr., having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

Harry L. Berger Jr

STATE OF West Virginia

COUNTY OF Kanawha, TO-WIT:

I, DAVID M. GILLESPIE, a Notary Public in and for the state and county aforesaid, do certify that HARRY L. BERGER, JR, whose name is signed to the writing above, bearing date the 17 day of DECEMBER, 1984, has acknowledged the same before me, in my county aforesaid.

05/17/2024

Given under my hand and official seal this 17 day of DECEMBER, 1984

My term of office expires on the 10 day of MAY, 1989.

David M. Gillespie  
Notary Public



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

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

Date: December 17, 19 84

Operator's  
Well No. Walker #856

API Well  
No. 47 - 013 - 3664  
State County Permit

Well Operator: Sterling Drilling & Production Co., Inc.

Address: 710 Virginia St., E, Arcade Bldg  
Charleston, WV 25301

Gas Purchaser: Undedicated

Address: \_\_\_\_\_

Designated Agent: Harry L. Berger, Jr.  
Sterling Drilling & Prod. Co.  
Address: 710 Va., St., E. Arcade Bldg  
Charleston, WV 25301

Location: Elevation 711.67'

Watershed W. Fork Little Kanawha River

Dist. Lee County Calhoun Quad. 7.5  
Burn. Sprgs

Gas Purchase Contract No. \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract \_\_\_\_\_

\*\*\*\*\*

All applicants must complete FERC Form 121, including question No. 2.0 which should state Section 108 of NGPA,

QUALIFICATIONS

1. Rate of Production

a.) What date did the well have first production? JULY 1, 1984

b.) What are the beginning and ending dates of the 90-day production period?

From JULY 1, 1984 to SEPTEMBER 30, 1984. During this 90-day  
(1-1) (2-1)  
production period, what was the total and average per-day production? The well  
produced a total of 3263 MCF or average 35 MCF per day.

2. Maxium Efficient Rate of Flow

The operator must establish that the well produced at its maxium efficient rate of flow by use of one of the following procedures (Check one):

[ ] a.) If the filing date is more than one year from the date of first production, provide production on IV-39 for twelve months prior to the last day of the 90-day production period (2-1 in item 1). This twelve month period is \_\_\_\_\_ through \_\_\_\_\_ and produced a total of \_\_\_\_\_ MCF or average \_\_\_\_\_ per day.  
(month-day-year) (month-day-year)

[ ] b.) If the well does not have a 12-month history of production; but has recently

05/17/2024



ON LINE 7/84

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

REPORT DATE \_\_\_\_\_

REPORT OF MONTHLY PRODUCTION  
GAS VOLUMES IN MCF @ 14.73  
OIL IN BARRELS @ 60 DEGREES

OPERATOR STERLING DRILLING & PRODUCTION CO., INC.

SDP NO. 856

05/17/2024

YEAR 19 84

WELL NO. 13-3664

FARM Walker

COUNTY Calhoun

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF

J- \_\_\_\_\_

F- \_\_\_\_\_

M- \_\_\_\_\_

A- \_\_\_\_\_

M- \_\_\_\_\_

J- \_\_\_\_\_

J- 1975

A- 869

S- 419

O- \_\_\_\_\_

N- 326

D- 503

O- 529

D- \_\_\_\_\_

OIL

4621

WELL BBL

J- \_\_\_\_\_

F- \_\_\_\_\_

M- \_\_\_\_\_

A- \_\_\_\_\_

M- \_\_\_\_\_

J- \_\_\_\_\_

J- 31

A- 6

S- 30

O- \_\_\_\_\_

N- 14

D- 17

O- 19

D- \_\_\_\_\_

OIL

142

DAYS ON LINE

YEAR 19 85

WELL NO. 13-3664

FARM Walker

COUNTY Calhoun

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF

J- 714

F- 559

M- 767

A- SHUT

M- SHUT

J- SHUT

J- \_\_\_\_\_

A- \_\_\_\_\_

S- \_\_\_\_\_

O- \_\_\_\_\_

N- \_\_\_\_\_

D- \_\_\_\_\_

O- \_\_\_\_\_

D- \_\_\_\_\_

OIL

\_\_\_\_\_

WELL BBL

J- 30

F- 14

M- 31

A- 0

M- 0

J- 6

J- \_\_\_\_\_

A- \_\_\_\_\_

S- \_\_\_\_\_

O- \_\_\_\_\_

N- \_\_\_\_\_

D- \_\_\_\_\_

O- \_\_\_\_\_

D- \_\_\_\_\_

OIL

\_\_\_\_\_

DAYS ON LINE

YEAR 19 \_\_\_\_\_

WELL NO. \_\_\_\_\_

FARM \_\_\_\_\_

COUNTY \_\_\_\_\_

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF

J- \_\_\_\_\_

F- \_\_\_\_\_

M- \_\_\_\_\_

A- \_\_\_\_\_

M- \_\_\_\_\_

J- \_\_\_\_\_

J- \_\_\_\_\_

A- \_\_\_\_\_

S- \_\_\_\_\_

O- \_\_\_\_\_

N- \_\_\_\_\_

D- \_\_\_\_\_

O- \_\_\_\_\_

D- \_\_\_\_\_

OIL

\_\_\_\_\_

WELL BBL

J- \_\_\_\_\_

F- \_\_\_\_\_

M- \_\_\_\_\_

A- \_\_\_\_\_

M- \_\_\_\_\_

J- \_\_\_\_\_

J- \_\_\_\_\_

A- \_\_\_\_\_

S- \_\_\_\_\_

O- \_\_\_\_\_

N- \_\_\_\_\_

D- \_\_\_\_\_

O- \_\_\_\_\_

D- \_\_\_\_\_

OIL

\_\_\_\_\_

DAYS ON LINE

WELL NO. \_\_\_\_\_

FARM \_\_\_\_\_

COUNTY \_\_\_\_\_

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF

J- \_\_\_\_\_

F- \_\_\_\_\_

M- \_\_\_\_\_

A- \_\_\_\_\_

M- \_\_\_\_\_

J- \_\_\_\_\_

J- \_\_\_\_\_

A- \_\_\_\_\_

S- \_\_\_\_\_

O- \_\_\_\_\_

N- \_\_\_\_\_

D- \_\_\_\_\_

O- \_\_\_\_\_

D- \_\_\_\_\_

OIL

\_\_\_\_\_

WELL BBL

J- \_\_\_\_\_

F- \_\_\_\_\_

M- \_\_\_\_\_

A- \_\_\_\_\_

M- \_\_\_\_\_

J- \_\_\_\_\_

J- \_\_\_\_\_

A- \_\_\_\_\_

S- \_\_\_\_\_

O- \_\_\_\_\_

N- \_\_\_\_\_

D- \_\_\_\_\_

O- \_\_\_\_\_

D- \_\_\_\_\_

OIL

\_\_\_\_\_

DAYS ON LINE

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

SUMMARIZATION SCHEDULE  
Section 271.804 (b)



15' LATITUDE 38°55'

500'

7 1/2' LATITUDE 38°55'

FRANCIS I. WALKER

West Fork of Little Kanawha R.

C-3624

C-3607

DUSKEY

S46°W-1231.5' DEED

CALL BCH.

80°

-887°30'E-2508' DEED

FRANCIS I. WALKER, ET. AL.

15' TOPO LOCATION

SYC. NEAR DRAIN, CALL SYC.

N78°45'-360.88'

PROPOSED LOCATION

C-3171

CALL W.O.

L. BELL

C-3172

S51°38'E

1371.06

S51°W-2145' DEED

Granny's Run

DUSKEY

BCH. IN P.L.

SET STONE COR.

7 1/2' TOPO LOCATION

B. STURM

U.S.G.S. B.M. EL. 670'

N66°30'W-1716' DEED & N61°21'W-1628.21' MAG.

MAGNETIC NORTH

7 1/2' LONGITUDE 81°15'

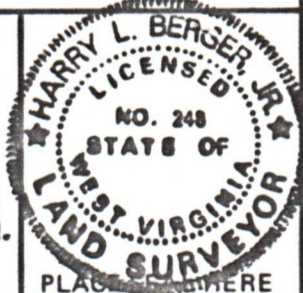
15' LONGITUDE 81°15'

N.B. H-13, PG. 11, H-26, PG. 36, H-9, PG. 43, H-23, PG. 20

FILE NO. 042-005 NO. 3  
MAP NO. 57-B  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION U.S.G.S. B.M.  
SHOWN EL. 670'

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 L. Berger, Jr.  
HARRY L. BERGER, JR. L.L.S. 248



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

FORM IV-6 (8-78)



DATE OCT. 10, 19 83  
OPERATOR'S WELL NO. 856  
API WELL NO. 47-013-3664  
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
LOCATION: ELEVATION 711.67' WATER SHED WEST FORK OF LITTLE KANAWHA RIVER  
DISTRICT LEE COUNTY CALHOUN  
QUADRANGLE 7 1/2' BURNING SPRINGS (SPENCER N.E.)  
SURFACE OWNER ROBERT B. DUSKEY ACREAGE 50  
OIL & GAS ROYALTY OWNER FRANCIS I. WALKER, ET. AL. LEASE ACREAGE 80 05/17/2024  
LEASE NO. 042-005

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 BROWN SHALE ESTIMATED DEPTH 5100'  
OPERATOR STERLING DRILLING & PRODUCTION CO. INC. AGENT HARRY L. BERGER  
ADDRESS 360 MADISON AVE. - 5TH FLOOR ADDRESS 710 VIRGINIA ST. E.  
NEW YORK, N.Y. 10017 CHARLESTON, W.V 25301



RECEIVED



IV-35  
(Rev 8-81)

SEP 10 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date August 23, 1984  
Operator's  
Well No. 856  
Farm Francis Walker  
API No. 47 - 013 - 3664

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 \_\_\_ /)

LOCATION: Elevation: 711.67' Watershed West Fork Little Kanawha River  
District: Lee County Calhoun Quadrangle 7.5 Burning Springs

COMPANY Sterling Drilling & Production Co., Inc.

ADDRESS 710 Virginia St., E, Charleston, WV 25301

DESIGNATED AGENT Harry L. Berger, Jr.

ADDRESS 710 Va. St., E. Charleston, WV 25301

SURFACE OWNER Robert B. Duskey

ADDRESS

MINERAL RIGHTS OWNER Francis Walker

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Deo Mace

ADDRESS Rt. 1, Box 5, Sandridge, WV 25274

PERMIT ISSUED 11/1/83

DRILLING COMMENCED April 3, 1984

DRILLING COMPLETED April 8, 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"	20'	20'	Surface
9 5/8	313'	313'	Surface
8 5/8			
7	1894'	1894'	185 Sx
5 1/2			
4 1/2		5095'	275 Sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5100 feet

Depth of completed well 5108 feet Rotary X / Cable Tools

Water strata depth: Fresh 173 feet; Salt 1495 feet

Coal seam depths: Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3176' - 5062' feet

Gas: Initial open flow 823 Mcf/d Oil: Initial open flow 1 Bbl/d

Final open flow 823 Mcf/d Final open flow 1 Bbl/d

Time of open flow between initial and final tests 6 hours

Static rock pressure 1010 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

05/17/2024

CAL. - 3664



RECEIVED

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

Perforations: Stage One - 27 holes - 4483' - 5062'  
 Stage Two - 26 holes - 3873' - 4380'  
 Stage Three - 25 holes - 3176' - 3787'

DEPT. OF MINES  
OIL & GAS DIVISION

Treatments: Stage One - 1000 gals. 15% HCL, 1,566 MSCF N<sub>2</sub>, BD - 3760#  
 Stage Two - 1000 gals. 15% HCL, 1,520 MSCF N<sub>2</sub>, BD - 3820#  
 Stage Three - 1000 gals. 15% HCL, 1,530 MSCF N<sub>2</sub>, BD - 3000#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sandstone and Shale			0	948	All measurements 10' KB
Salt Sand			948	1143	
Sand & Shale			1143	1449	
Salt Sand			1449	1518	
Shale and Sand			1518	1598	
Little Lime and Shale			1598	1629	
Pencil Cave			1629	1640	
Big Lime			1640	1770	
Big Injun			1770	1788	
Siltstone & Shale			1788	2156	
Sunbury Shale			2156	2168	
Sandy Siltstone and Shale			2168	2497	
Gordon			2497	2520	
Grey Shale & Siltstone			2520	5108	Gas show @ 3196' TD - 5108'

(Attach separate sheets as necessary)

Sterling Drilling and Production Co., Inc. 05/17/2024  
 Well Operator  
 By: Henry L. Berger Jr  
 Date: 8-30-84

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic  
 detailed record of the well log data and other data obtained during the drilling and completion of a well."





IV-9  
(Rev 8-81)

DATE 10-19-83  
WELL NO. Walker #856  
API NO. 47-013-3664

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 Dusky 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: 10-21-83 (Date)

Jarrett Newland  
(SCD Agent)  
**RECEIVED**  
OCT 28 1983

ACCESS ROAD	LOCATION
Structure <u>Culvert</u> (A)	Structure <u>Drainage Ditch</u> (1)
Spacing <u>Size 16"</u>	Material <u>Earth</u>
Page Ref. Manual <u>2-8</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Drainage Ditches</u> (B)	Structure <u>Rip-Rap</u> (2)
Spacing <u>Roadside</u>	Material <u>Rock</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-9</u>
Structure <u>Cross Ditches</u> (C)	Structure _____ (3)
Spacing <u>150' spacing for 7.5" grade</u>	Material _____
Page Ref. Manual <u>2-4</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.

REVEGETATION

Treatment Area I	Treatment Area II
Lime <u>2</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>2</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2</u> Tons/acre	Mulch <u>Hay</u> <u>2</u> Tons/acre
Seed* <u>K-31</u> <u>40</u> lbs/acre	Seed* <u>K-31</u> <u>40</u> lbs/acre
<u>Ladino Clover</u> <u>4</u> lbs/acre	<u>Ladino Clover</u> <u>4</u> 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 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.

05/17/2024









1) Date: October 17, 19 83  
 2) Operator's Well No. SDP #856  
 3) API Well No. 47 - 013-3664  
 State County Permit

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: 711.67' Watershed: West Fork of Little Kanawha River  
 District: Lee County: Calhoun Quadrangle: 7.5' Burning Springs
- 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 Deo Mace  
 Address Rt. 1 Box 5  
Sandridge, W.V. 25274
- 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, 5100 feet
- 13) Approximate trata 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	<i>By Rule 15.05</i>
Coal									Sizes
Intermediate	7"	J-55	20#	X		1875'	1875'	100 sks	
Production	4 1/2	ERW	10.5#	X			5100'	250 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

RECEIVED  
 OCT 28 1983

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-013-3664

OIL & GAS DIVISION  
 DEPT. OF MINES  
 November 1, 19 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 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 November 1, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>MH</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>5781</u>
-----------------	------------------	--------------------------	----------------------------	------------------

[Signature]  
 Administrator, Office of Oil and Gas

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





OFFICE USE ONLY

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

1) WELL LOCATION: B (Oil/Gas) Production / Shallow / Underground storage / Well No. 17-013-3000 / Elevation: 715.57 / District: Boone / County: Boone / State: West Virginia

2) WELL OPERATOR: 3807 Anderson Ave., First Floor / New York, New York 10017 / Address: 3807 Anderson Ave., First Floor / State: New York / City: New York / Zip: 10017

3) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: [Blank] / Address: [Blank]

4) DRILLING CONTRACTOR: Name: [Blank] / Address: [Blank]

5) PROPOSED WELL WORK: Plug off old formation / Redrill / Stimulate

6) GEOLOGICAL TARGET FORMATION: [Blank]

7) ESTIMATED DEPTH OF COMPLETED WELL: [Blank] feet

8) APPROXIMATE STRATA DEPTHS: Fresh: [Blank] feet / Salt: [Blank] feet

9) APPROXIMATE COAL SEAM DEPTHS: [Blank] feet

10) CASING AND TUBING PROGRAM: [Blank]

Casing or Tubing Type	Size	Length	Specific Gravity		Lead	Packing	Foot in Well	Cement Slurries (Casing level)	Packers
			Weight	Volume					
Production	4 1/2 in.	10.50	10.50	10.50	X		3000	To surface	None
Completion	4 1/2 in.	10.50	10.50	10.50	X		3000	To surface	None
Intervention	4 1/2 in.	10.50	10.50	10.50	X		3000	To surface	None
Casing	4 1/2 in.	10.50	10.50	10.50	X		3000	To surface	None
Production	4 1/2 in.	10.50	10.50	10.50	X		3000	To surface	None

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	10-18-1983	
Well work started	"	"
Completion of the drilling process	"	"
Well Record received	"	"
Reclamation completed	"	"

OTHER INSPECTIONS

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

05/17/2024









1) Date: October 17, 19 83  
 2) Operator's Well No. SDP #856  
 3) API Well No. 47 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**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: 711.67' Watershed: West Fork of Little Kanawha River  
 District: Lee County: Calhoun Quadrangle: 7.5' Burning Springs
- 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 Name Deo Mace 9) DRILLING CONTRACTOR:  
 Address Rt. 1, Box 5 Name UNKNOWN AT THIS TIME  
Sandridge, W.V. 25274 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, 5100 feet  
 13) Approximate trata 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>9 5/8</u>	<u>LS</u>	<u>33#</u>	<u>X</u>		<u>300'</u>	<u>300'</u>	<u>To Surface</u>	
Coal									Sizes
Intermediate	<u>7"</u>	<u>J-55</u>	<u>20#</u>	<u>X</u>		<u>1875'</u>	<u>1875'</u>	<u>100 sks</u>	
Production	<u>4 1/2</u>	<u>ERW</u>	<u>10.5#</u>	<u>X</u>			<u>5100'</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.

**RECEIVED**  
**OCT 28 1983**

**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: \_\_\_\_\_

Robert B Dusky Date: 10-18-83  
 (Signature)

By \_\_\_\_\_

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

Its \_\_\_\_\_ Date \_\_\_\_\_



**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.



1) Date: October 28, 19 83  
2) Operator's  
Well No. Walker #856  
3) API Well No. 47-013-3664  
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 Robert B. Duskey  
Address Creston, W.V. 26141
- (ii) Name \_\_\_\_\_  
Address \_\_\_\_\_
- (iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR UNOPERATED  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address UNKNOWN

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) before the day of mailing or delivery to the Administrator.

RECEIVED  
OCT 28 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 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.

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 28 day of October, 1983.

My commission expires May 10, 1989.

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

WELL

OPERATOR Sterling Drilling & Prod. Co., Inc.

By Harry L. Berger, Jr.  
Its Designated Agent

Address 710 Virginia St., E.  
Charleston, W.V. 25301

Telephone 342 - 0121

05/17/2024



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>
Francis I. Walker Rt. 1 Box 84 Grantsville, W.V. 26147	Sterling Drilling & Prod. Co., Inc.	1/8	071/481

05/17/2024