



1) Date: October 19, 19 83

2) Operator's Well No. Elmore #404 - Ren.

3) API Well No. 47 - 087 - 3370-Ren  
State County Permit

Formerly 47 - 087 - 3370

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: 988.32' Watershed: Henry Fork  
District: Smithfield County: Roane Quadrangle: Tariff
- 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, 5700 feet
- 13) Approximate strata 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

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OCT 21 1983

OIL & GAS DIVISION  
DEPT. OF MINE

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		350'	350'	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	7"	J-55	20#	X		2365'	2365'	100 sks	
Production	4 1/2	ERW	10.5#	X			5700'	250 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-087-3370-Ren

Date November 8, 1983

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 8, 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>5670</u>
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Michael Lewis  
Administrator, Office of Oil and Gas

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



Formerly 47 - 087 - 3370

STATE OF WEST VIRGINIA

OFFICE USE ONLY

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

1) PROPOSED WELL WORK: Drill  Plug off old formation  Perform new formation  Other physical change in well (specify):

2) LOCATION: District: Gettysburg County: Roane Elevation: 882.52 Well No.: 47-087-3370 Waterbed: Henry Fork

3) WELL OPERATOR: 360 Madison Ave. 10017 Address: New York, New York

4) WELL OPERATOR DESIGNATED AGENT: ESTER L. BERGER, JR. Address: 110 Virginia St. P.O. Box 25301 Charleston, W.V. 25301

5) DRILLING CONTRACTOR: Name: BOGERT, DONALD Address: 1000 W. 25th St. Charleston, W.V. 25301

6) CASING AND TUBING PROGRAM:

7) APPROXIMATE COAL SEAM DEPTH: 71 feet

8) APPROXIMATE TUBING DEPTH: 10.5 feet

9) ESTIMATED DEPTH OF COMPLETED WELL: 370 feet

10) IS COAL DESCRIBED IN THIS AREA? Yes

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OIL & GAS DIVISION  
DEPT. OF MINE

DEC 2 1983

TUBING TYPE	SIZE	THICKNESS	SPECIALS		FOOTAGE	DEPTH	CEMENT	PACKERS
			WT.	WT.				
Conductor	2 1/8"	1.315	3.3	3.3	350'	350'	20' surface	By Rule 208
Intermediate	2 1/8"	1.315	3.3	3.3	350'	350'	20' surface	
Production	4 1/2"	10.5	10.5	10.5	270'	270'	20' surface	

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: \_\_\_\_\_

Agent: <u>M4</u>	Permit: <u>47-087-3370</u>	Case No: <u>47-087-3370</u>	File No: <u>47-087-3370</u>
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09/15/2023

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>
Darl Elmore Tariff, W.V.	Sterling Drilling and Production Co., Inc.	1/8	143/444

09/15/2023

1) Date: October 19, 1983  
2) Operator's  
Well No. Elmore #404  
3) API Well No. 47-087-3370-Rem.  
State County Permit  
Formerly 47 - 087 - 3370

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 Daniel Mayes  
Address Rt. 7 Box 472 - A  
South Chas. W.V. 25309

(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.

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.

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OCT 21 1983

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 19 day of October, 19 83.

My commission expires May 10, 19 89.

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

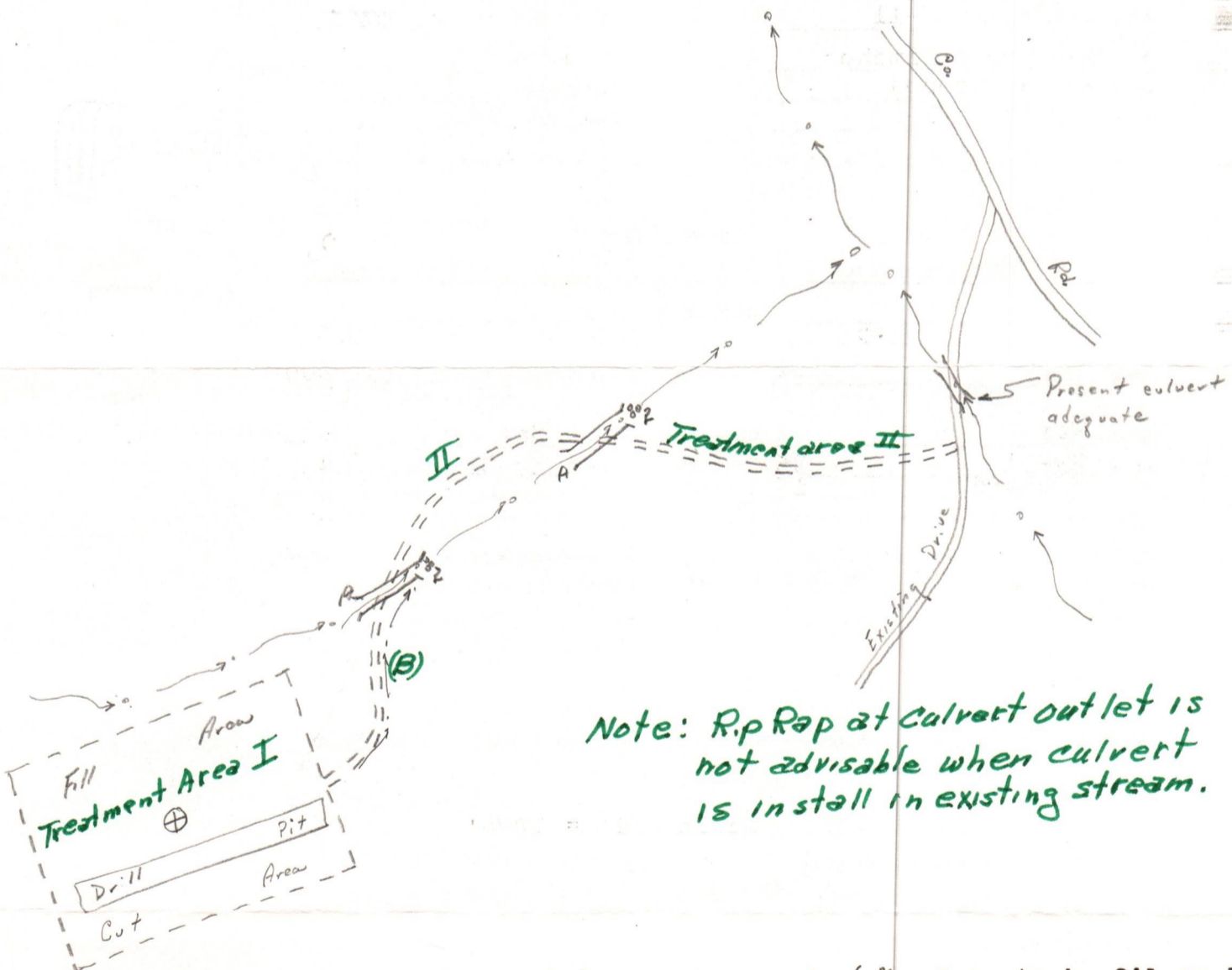
09/15/2023

Well Site Plan

- Legend:
- Property Boundry
  - Road
  - Existing Fence
  - Planned Fence
  - Stream
  - Open Ditch

- Diversion
- Spring
- Wet Spot
- Building
- Drain Pipe
- Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Comments: Slope of well road does not exceed 6% Cuts to be 2:1 or less.  
Seeding and mulching to be done within three (3) months.

Signature: Charles E. Moore Rt. 1 Box 30 - Duck, WV 25063 364-5780  
 Agent Address

09/15/2023

Please request landowners cooperation to protect new seeding for one growing season.



Date 11-14 1980  
Well No. # 404 - ELMORE  
API No. 47 - 087 - 3370  
State County Permit

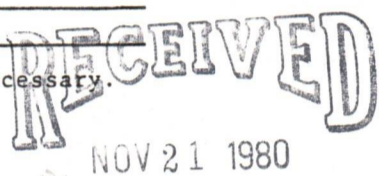
STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name Sterling Drill. & Prod. Co. Designated Agent Charlie E. Moore  
Address 622 3rd Ave., NY, NY 10017 Address Rt. 1 Box 30 - Duck, WV  
Telephone (212) 949-9100 Telephone (304) 364-5780  
Landowner Daniel Mayes Soil Cons. District Little Kanawha  
Revegetation to be carried out by Moore's Well Ser., C. E. Moore (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan. 11-18-80 Garrett Newlon  
(Date) (SCD Agent)

Access Road		Location	
Structure	<u>Culverts</u> (A)	Structure	_____ (1)
Spacing	<u>Min. Size 12"</u>	Material	_____
Page Ref. Manual	<u>I-8</u>	Page Ref. Manual	_____
Structure	<u>Drainage Ditches</u> (B)	Structure	<u>Rip Rap</u> (2) <i>see note</i>
Spacing	<u>2-50'</u>	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>As Needed</u>	Material	_____
Page Ref. Manual	<u>I-6</u>	Page Ref. Manual	_____

All structures should be inspected regularly and repaired if necessary.



Revegetation

Treatment Area I

Lime	_____ Tons/acre
or correct to pH	<u>6.5</u>
Fertilizer	<u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch	<u>Hay</u> 2 Tons/Acre
Seed*	<u>Ky-31</u> 35 lbs/acre
	<u>Orchard</u> 15 lbs/acre
	<u>Rye</u> 10 lbs/acre

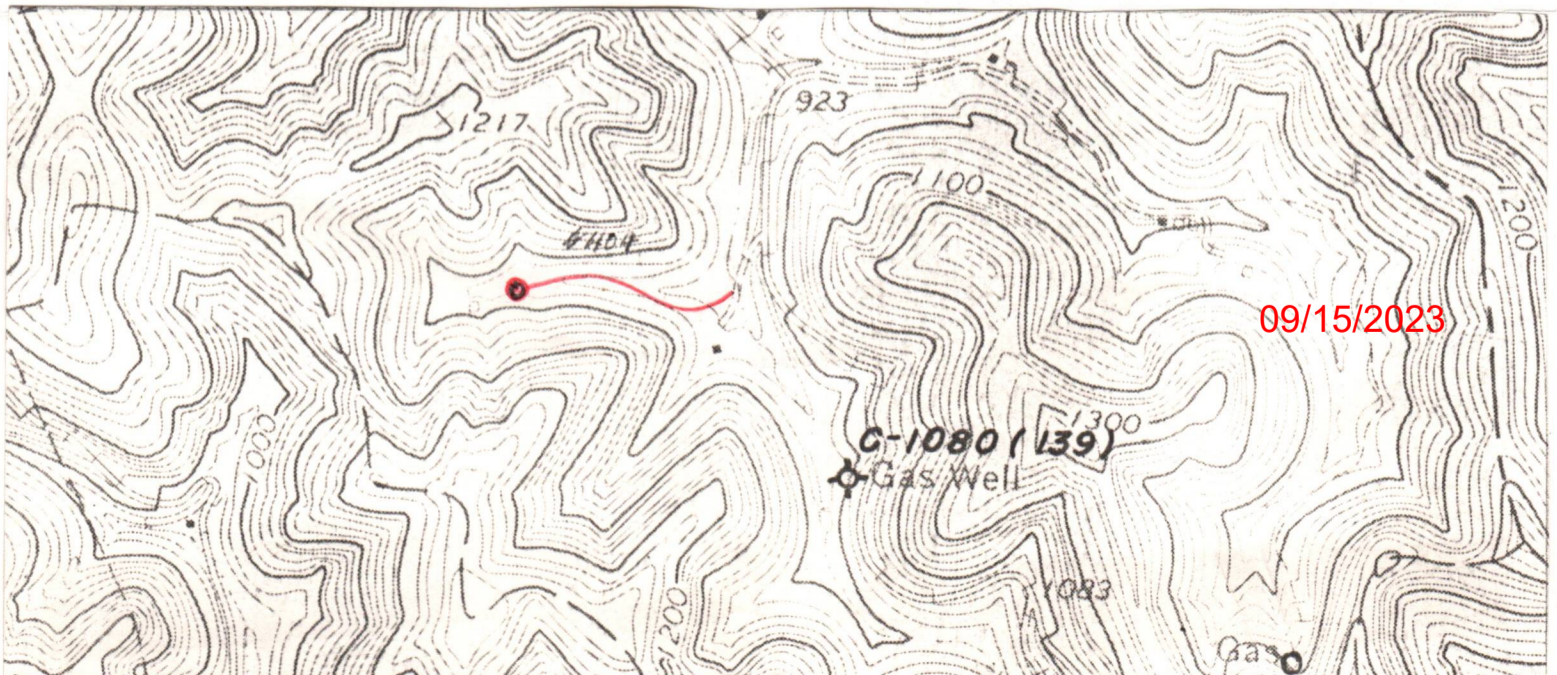
Treatment Area II

Lime	_____ Tons/Acre
or correct to pH	<u>6.5</u>
Fertilizer	<u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch	<u>Hay</u> 2 Tons/Acre
Seed*	<u>Ky-31</u> 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.

Attach or photocopy section of involved Topographic map. Quadrangle 15' Otter NW  
7 1/2' Tarif

Legend: Well Site Scale - 1" = 1000'  
 Access Road



404  
P 522 051 923

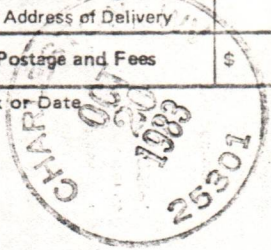
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to DANIEL MAYES	
Street and No. RT. 7 BOX 472-A	
P.O., State and ZIP Code SOUTH CHAS., W.V. 25309	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, Feb. 1982



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OIL & GAS DIVISION  
DEPT. OF MINES

09/15/2023

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

Perforations:

1st Stage: 24 holes 4652' - 5478'  
 2nd Stage: 26 holes 3863' - 4494'  
 3rd Stage: 27 holes 3066' - 3694'

Treatment:

1st Stage: 1000 gals of 15% HCL; 1590 MSCF N<sub>2</sub>  
 2nd Stage: 1000 gals of 15% HCL; 1079 MSCF N<sub>2</sub>  
 3rd Stage: 750 gals of 15% HCL; 1130 MSCF N<sub>2</sub>

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all free gas and salt water, coal, oil and gas
Sandstone and Shale			0	1339	All measurements from 10' KB Fresh water @ 32', 67'
Sandstone			1339	1353	
Shale			1353	1363	
Salt Sand			1363	1412	
Shale			1412	1440	
Salt Sand			1440	1535	
Shale			1535	1555	
Salt Sand			1555	1607	
Shale			1607	1630	
Salt Sand			1630	1665	
Shale			1665	1680	
Maxon			1680	1719	Salt water @ 1690
Little Lime			1719	1760	
Blue Monday			1760	1771	
Pencil Cave			1771	1775	
Big Lime			1775	1912	
Big Injun			1912	1937	
Siltstone and Shale			1937	2265	
Sunbury Shale			2265	2285	
Siltstone and Shale			2285	2762	
Shale			2762	4634	Top of Java Formation @ 4452'
Siltstone			4634	4655	
Shale			4655	4791	Top of Angola Shale @ 4675'
Siltstone			4791	4891	
Shale			4891	5521	Top of Rhinestreet Shale @ 49 TD 5521'

(Attach separate sheets as necessary)

Sterling Drilling and Production Co., Inc  
Well Operator

09/15/2023

By:

*Harry J. Berger*

Date:

11-20-84

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."





B<sup>m</sup>

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

RECEIVED

JUN - 6 1983

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3370

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

Company <u>Sterling Drilling + Prod. Co</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHAS., W.VA.</u>	Size			
Farm <u>Darl Elmore, etal. (Mayes)</u>	16			Kind of Packer _____
Well No. <u>404</u>	13			
District <u>Smithfield</u> County <u>Roane</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

~~Drillers' Names~~ This well was not drilled - CANCEL

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

6-2-83  
DATE

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



34

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

RECEIVED  
MAY 15 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3370 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>Darl Elmore</u>	13			
<u>Elmore 404</u>	10			Size of
<u>Smithfield County Roane</u>	8 1/4			
Drilling commenced	6 5/8			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: 5/8/84 Location graded ready for Charles Moore's rig to move on when weather permits. Stone on road entrance to Co. Road, and culverts installed. Part of road that is stoned is also drive way to House and trailer.

5/8/84  
DATE

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



BS

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

RECEIVED

JUL - 9 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3370-Ren

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

Company Sterling Drilling + Prod.  
 Address Charleston, W.Va.  
 Farm Darl Elmore  
 Well No. Elmore 404-Ren.  
 District Smithfield County Roane  
 Drilling commenced 7/3/84  
 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

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 Charles Starcher Pusher John McCroskey

Remarks: Charles Moore Rig #2  
7/3/84 Rig moving on location & rigging up.  
Will start drilling late in evening.  
Pit dug on upper side of location.

7/3/84  
DATE

Homer H. Dreyfus  
DISTRICT WELL INSPECTOR

09/15/2023



B4

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

RECEIVED

JUL 24 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3370 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>Darl Elmore</u>	13			
<u>Elmore #404</u>	10			Size of _____
<u>Smithfield County Roane</u>	8 1/4			
<u>7/4/84</u>	6 3/8			Depth set _____
<u>7/10/84</u> Total depth <u>5510</u>	5 3/16			
	8 1/2		5500	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>5500</u> No. FT. <u>7/1/84</u> Date			
Open flow after tubing _____ /10ths Merc. in _____ Inch	NAME OF SERVICE COMPANY <u>Halliburton</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 Charles Starcher Pusher John McCroskey

Moores Well Service Rig #2

Remarks: 7/10/84 F. D. of hole 5510 ft.  
7/11/84 Ran 5500 ft of 4 1/2" pipe and cemented with 300 sacks  
of 50/50 Pozmix 10% salt 10 lb. gilsonite + 2% C.C.  
Plug down 12:45, P.M. by Halliburton

7/18/84  
DATE

Homer H. Dougherty  
DISTRICT WELL INSPECTOR

09/15/2023





B7

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

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JUL 24 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 087-3370-Ren.

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

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Sterling Drilling &amp; Prod.</u>	Size			
<u>Charleston, W.Va.</u>	16			Kind of Packer _____
<u>Darl Elmore</u>	13			
<u>Elmore 404</u>	<u>9 5/8"</u>		<u>348</u>	Size of _____
<u>Smithfield</u> County <u>Roane</u>	8 3/4			
<u>7/4/84</u>	<u>7"</u>		<u>2103</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>9 5/8"</u> SIZE <u>348</u> No. FT. <u>7/4/84</u> Date			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY <u>Halliburton</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 Charles Starcher Resher John M. Crosby  
Moore's Well Service Rig #2

Remarks: 7/4/84 Ran 3048 ft of 9 5/8" surface pipe and cemented with 125 sacks of neat 3% C.C. + 1/4 lb. floccle Plugdown 5:45 P.M.  
7/7/84 Ran 2103 ft of 7" pipe and cemented with 175 sacks of neat 3% C.C. + 1/2 lb. of floccle Plug down 11:30 P.M. by Halliburton.

7/18/84  
DATE

Homer H. Doughty  
DISTRICT WELL INSPECTOR

09/15/2023





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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

July 1, 1983

Sterling Drilling & Production Company  
710 Virginia Street, East  
Charleston, W. Va. 25301

In Re: PERMIT NO: 47-087-3370  
FARM: Darl Elmore, et al  
WELL NO: 404  
DISTRICT: Smithfield  
COUNTY Roane

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this 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. 09/15/2023



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SEP 04 1985

State of West Virginia

Department of ~~Mines~~ *Energy*

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
November 30, 1984

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

COMPANY Sterling Drilling & Prod. Co.

PERMIT NO 087-3370-REn (11-08-

710 Virginia Street, East

FARM & WELL NO Elmore #404

Charleston, West Virginia 25301

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 Strenght	<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 8-29-85

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. v. B.  
Administrator-Oil & Gas Division

September 10, 1985  
DATE

09/15/2023

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. 087-3370-Ren.

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

Company Sterling Drilling & Prod.  
 Address Charleston, W.Va.  
 Farm Darl Elmore  
 Well No. Elmore 404-Ren  
 District Smithfield County Roane  
 Drilling commenced \_\_\_\_\_  
 Drilling completed 7/10/84 Total depth 5500  
 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 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

Drillers' Names Status Report

Remarks: 11/21/84 Location & Road Reclaimed Well hooked up ready for production When gas line is laid.

11/21/84  
DATE

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



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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 087-3370 Ren.

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

Company Sterling Drilling  
 Address Chas, W. VA.  
 Farm Darl Elmore  
 Well No. Elmore 404  
 District Smithfield County Boone  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

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

Drillers' Names Status Report.

Remarks: 6-3-85 - location roughly reclaimed in December, poor stand of grass, road needs worked, slip on location. where pit was located location was not filled good needs regraded & filled, can be released when loc. is regraded & revegetated.

6-3-85  
DATE

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





STATE OF WEST VIRGINIA  
DEPARTMENT OF ~~ENERGY~~ Energy  
OIL AND GAS WELLS DIVISION

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DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 087-3370-Rev.

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

Company <u>Sterling Drilling &amp; Prod.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston</u>	Size			
Farm <u>Darl Elmore</u>	16			Kind of Packer _____
Well No. <u>Elmore 404 Pen.</u>	13			
District <u>Smithfield</u> County <u>Roane</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 1/2			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Status Report

Remarks: 8/9/85 Well has been hooked up + gasoline laid ready for production. Crew reworked reclamation on location that was rough, Reseeded + mulched. Also graded and ditched road +, installed culvert. Can be released when grass grows.

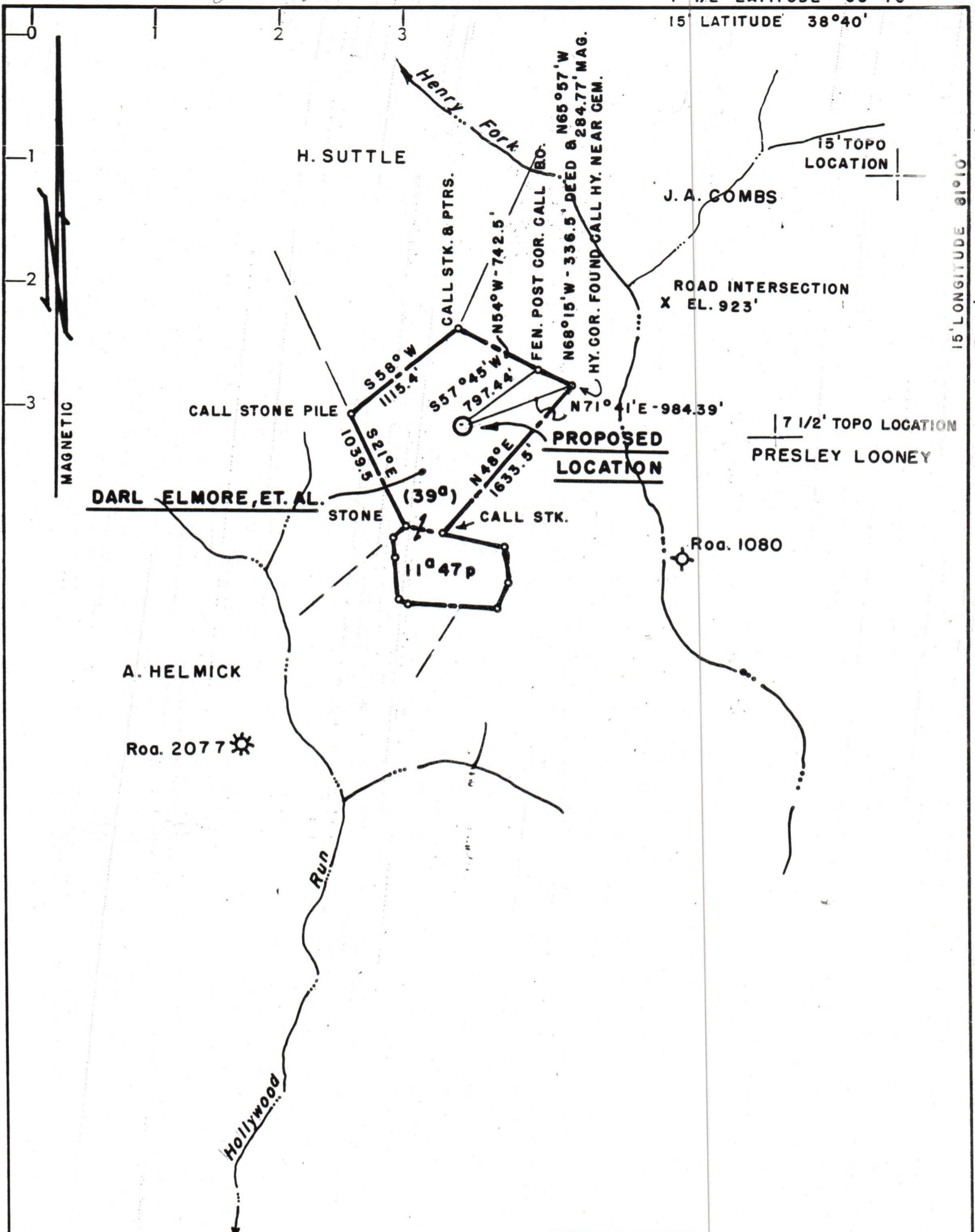
8/9/85  
DATE

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



7 1/2' LATITUDE 38°40'

15' LATITUDE 38°40'



15' LONGITUDE 81°10'  
7 1/2' LONGITUDE 81°10'

MAGNETIC

### CERTIFICATE

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200

Signed Harry L. Berger, Jr.  
HARRY L. BERGER, JR. U.S. 248

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

N.B. H-9, PG. 59

COMPANY	STERLING DRILLING & PRODUCTION CO., INC.		
ADDRESS	622 3RD AVE, SUITE 3800, N.Y., N.Y. 10017		
FARM	DARL ELMORE, ET. AL.		
MAP	74-A	ACRES	54
LEASE NO.	D-25		
WELL (FARM) NO.	1	SERIAL NO.	404
ELEVATION (SPIRIT LEVEL)	988.32'		
QUADRANGLE	15' OTTER N.W. & 7 1/2' TARIF		
COUNTY	ROANE	DISTRICT	SMITHFIELD
POINT OF PROVEN ELEVATION	U.S.G.S. DATA POINT AT FORKS OF ROAD SHOWN ON PLAT EL. 923'		
FILE NO.	DRAWING NO.		
DATE	OCT. 10, 1980	SCALE	1" = 1000'

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

WELL LOCATION MAP  
FILE NO. 087-3370, Rev.

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.  
- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

1959 11 June

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO  X  DRILL   DEEPEN   FRACTURE-STIMULATE  
 DRILLING CONTRACTOR: (If Known)   RESPONSIBLE AGENT:    
 NAME  FWA Drilling Co., Inc.  NAME  Charlie E. Moore   
 ADDRESS  Box 448 Elkview, W.V. 25071  ADDRESS  Rt.1 Box 30 Duck, W.V.   
 TELEPHONE  965 - 3379  TELEPHONE  364 - 5780   
 ESTIMATED DEPTH OF COMPLETED WELL:  1959  ROTARY  X  CABLE TOOLS    
 PROPOSED GEOLOGICAL FORMATION:  Injun   
 TYPE OF WELL: OIL   GAS  X  COMB.   STORAGE   DISPOSAL    
 RECYCLING   WATER FLOOD   OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	250'	250'	To Surface
7			
5 1/2			
4 1/2		1959'	100 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS   FEET   SALT WATER   FEET    
 APPROXIMATE COAL DEPTHS  0   
 IS COAL BEING MINED IN THE AREA?  No  BY WHOM?

TO DRILL:  
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:  
 SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.  
 Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for   Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the   Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code. 09/15/2020

For Coal Company

Official Title

BLANKET BOND



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED

NOV 19 1980

OIL AND GAS DIVISION  
DEPT. OF MINES

ELMORE #404

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE October 31, 1980

Surface Owner Daniel Mayes

Company Sterling Drilling and Production Co., Inc.

Address Rt. 7 Box 472-A So. Chas., W.V. 25309

Address Suite 3800 622 3rd Ave. NY.NY. 10017

Mineral Owner Darl Elmore, et al

Farm ELMORE Acres 54

Address Tarriff, W.V.

Location (waters) Henry Fork

Coal Owner Unknown - Unoperated

Well No. 404 Elevation 988.32

Address \_\_\_\_\_

District Smithfield County Roane

Coal Operator \_\_\_\_\_

Quadrangle Tarif 7.5'

Address \_\_\_\_\_

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 7-25-81.

INSPECTOR

TO BE NOTIFIED Richard Moris

ADDRESS P.O. Box 372 Grantsville, W.V. 26147

PHONE 354 - 7259

Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 28 19 76 by Darl Elmore, Sterling Drilling and Production Co., Inc. et al made to \_\_\_\_\_ and recorded on the 15th day of Sept. 19 76 in Roane County, Book 143 Page 444 Lease # D - 25  
 NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address of Well Operator

Very truly yours,  
(Sign Name) Charles E. Moore  
Well Operator

Rt. 1 Box 30  
Street  
Duck  
City or Town  
West Virginia  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit recognizing the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-087-3370

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Charles E. Moore

BLANKET BOND