



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 22 1981

OIL & GAS DIVISION

DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

MINNEY #248

DATE August 19, 1980

Surface Owner P. Hickey

Company Sterling Drilling & Production

Address Arnoldsburg, W.V. 25234

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

Mineral Owner Rodney C. Minney

Farm MINNEY Acres 80.25

Address Shock, W.V. 26638

Location (waters) Cabin Run 974

Coal Owner Unknown - Unoperated

Well No. 248 Elevation 840

Address

District Lee County Calhoun

Coal Operator None

Quadrangle Arnoldsburg

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 12-28-81

INSPECTOR

TO BE NOTIFIED Richard Morris

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

PHONE 354 - 7259

Frederick B. Burt
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 20 1979 by Rodney C. Minney made to Sterling Drilling & Production Co and recorded on the 12th day of Sept. 1979, in Calhoun County, Book 072 Page 184 Lease # 042 - 003

XX 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

Very truly yours,

(Sign Name)

Well Operator

Address
of
Well Operator

Rt. 1 Box 30
Street

Duck
City or Town

W.V. 25063
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 reciting 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.

BLANKET BOND

47-013-3303

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



OFFICE USE ONLY

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

The well work authorized by this permit shall be performed between April 15 and November 1.

Mr. Newlon's recommendations regarding the reclamation plan are to be incorporated.
(See attached memo.)

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

Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason:

Reason:

Board:	Agent:	Plan:	Change:	Fee:

File

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, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

1) Date: September 26, 1983
2) Operator's
Well No. 248 - Ren.
3) API Well No. 47
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS Formerly 47 - 013 - 3303
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name P. Hickey
Address Arnoldsburg, W.V. 25234
(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 ☒

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 26 day of September, 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

10/06/2023

INSTRUCTIONS TO APPLICANT

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>
Rodney C. Minney	Sterling Drilling and Production Co., Inc.	1/8	072 - 184

094 - 49

10/06/2023



1) Date: November 23, 19 82
2) Operator's Well No. MINNEY #248 - Ren
3) API Well No. 47 013 3303-REN
State County Permit

DRILLING CONTRACTOR:

UNKNOWN

AT THIS TIME

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

OIL AND GAS WELL PERMIT APPLICATION

Formerly 47 - 013 - 3303
PLAT REVISION ONLY
LOCATION NOT MOVED

- 4) WELL TYPE: A Oil / Gas ☒ /
B (If "Gas", Production ☒ / Underground storage / Deep / Shallow ☒)
5) LOCATION: Elevation: 974.68' Watershed: Cabin Run
District: Lee County: Calhoun Quadrangle: 7.5' Arnoldsburg
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
7) OIL & GAS ROYALTY OWNER Rodney C. Minney
Address Shock, W.V. 26638
Acreage 51.5
8) SURFACE OWNER P. Hickey
Address Arnoldsburg, W.V. 25234
Acreage 51.5
9) FIELD SALE (IF MADE) TO:
Address
10) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Rt. 1 Box 5
Sandridge, W.V. 25274
15) PROPOSED WORK: Drill ☒ / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)
16) GEOLOGICAL TARGET FORMATION, BROWN SHALE
17) Estimated depth of completed well, 5200 feet
18) Approximate water strata depths: Fresh, feet; salt, feet.
19) Approximate coal seam depths: 0 Is coal being mined in the area? Yes / No ☒

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	
Conductor										
Fresh water	9 5/8	LS	33#	X		300'	300'	To Surface		
Coal									Sizes	
Intermediate	7"	J-55	20#	X		2125'	2125'	100 sks		
Production	4 1/2	ERW	10.5#	X			5200'	250 sks	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

- 21) EXTRACTION RIGHTS
Check and provide one of the following:
☐ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
☒ The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
22) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes ☐ No ☒
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
23) Required Copies (See reverse side.)
24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: David M. Gillespie
My Commission Expires May 10, 1989

Signed: Harry L. Berger, Jr.
Its: Designated Agent

OFFICE USE ONLY

Permit number 47-013-3303-REN.

DRILLING PERMIT

December 28 1982
Date 10/06/2023

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires August 28, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: Blanket	Agent: OK	Plat: M. J. M. J.	Casing: M. J. M. J.	Fee: 3755
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Administrator, Office of Oil and Gas

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

File

Line Item Explanation

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

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

10/06/2023

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____

Its _____

1) Date: September 26, 1983
2) Operator's
Well No. 248 - Ren
3) API Well No. 47-013-3303-Ren
State County Permit

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

47 - 013 - 3303

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

(i) Name Phil Hickey
Address Arnoldsburg, W.V. 25234

(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) 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

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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 26 day of September, 19 83.

My Commission expires May 10, 19 89.

David M. Hill
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

10/06/2023

INSTRUCTIONS TO APPLICANT

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:

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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</u>	<u>Page</u>
Rodney C. Minney	Sterling Drilling and Production Co., Inc.	1/8	074	- 290

10/06/2023

Static rock pressure psig (surface measurement) after hours shut in

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

[illegible]

Drillers' Names _____

Remarks:

RATE

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

DISTRICT WELL INSPECTOR

Sterling Drilling and Production Co., Inc.

Well Operator

10/06/2023

By:

Date:

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

RECEIVED

JUL 31 1984

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

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 13-3303 PENOil or Gas Well
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address	Size			
Farm <u>Mining</u>	16			Kind of Packer
Well No. <u>248</u>	13			
District <u>See</u> County <u>Cal.</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 5/8			Depth set
Total depth	5 3/16			
Date shot	3			Perf. top
Depth of shot	2			Perf. bottom
Initial open flow	Liners Used			Perf. top
/10ths Water in				Perf. bottom
Inch				
Open flow after tubing				
/10ths Merc. in				
Inch				
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Cu. Ft.				
Rock pressure	NAME OF SERVICE COMPANY			
lbs.				
hrs.				
Oil	COAL WAS ENCOUNTERED AT	FEET	INCHES	
bbls., 1st 24 hrs.				
Fresh water	FEET	INCHES	FEET	INCHES
feet				
Salt water	FEET	INCHES	FEET	INCHES
feet				

Drillers' Names

Remarks:

Location reclaimed last fall. Grass stand moderate to light.

asked study to check & reseed.

7-23-84

DATE

Des Mace

10/06/2023

DISTRICT WELL INSPECTOR

2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

[illegible]

Drillers' Names _____

Remarks:

RATE

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

10/06/2023

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

RECEIVED

OCT 23 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 13-3303

Oil or Gas Well _____
(KIND)

Company Sterling Drilling

Address _____

Farm Mining

Well No. 248

District See County Cal

Drilling commenced 10-13-84

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

13

10

8 1/4

6 5/8

5 3/16

3

2

Liners Used

Kind of Packer _____

Size of _____

Depth set _____

Perf. top _____

Perf. bottom _____

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 C. Moore 2

Remarks:

317' of 9 7/8" casing, 130 sks cement, Downell 10-14-84
2151' of 7" " " , 175 sks cement, Dawell 10-16-84
Drilling today, Hole wet, Seeping.

10-18-84

DATE

D. Moore

10/06/2023

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

[illegible]

Drillers' Names _____

Remarks:

DATE _____

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

10/06/2023

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

RECEIVED
OCT 30 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 13-3303R.

Oil or Gas Well _____
(KIND)

Company <u>Sterling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Minny</u>	16			Kind of Packer _____
Well No. <u>248</u>	13			
District <u>Lee</u> County <u>Cal</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 C. Moore 2

Remarks: Mike Mills of Water Resources & Bob Steward, Dept of Mines & G.
Well was completed yesterday, because of rain rig remains on location.
The pit was constructed on upper side of location, in solid earth because of oil and soap from drilling operations being on location it was cut to drain into pit, not over hill, at my directions. The pit was full prior to rain, therefore it overflowed said Mr. Hickey. I contacted Sterling and last night the pit was resealed.

DATE

10-23-84

10/06/2023

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

[illegible]

Drillers' Names _____

Remarks:

RATE

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

10/06/2023
DISTRICT WILL INSPECTOR

08-Jan-85

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

Company: STERLING DRILLING
Farm: P. HICKEY 248-REV Well:

Permit No. 47- 13-3303-REN (12-16-83)

County: CALHOUN

JAN 14 1986

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 Casings	-----	-----
15.02	Adequate Coal Casings	-----	-----
15.01	Adequate Production Casings	-----	-----
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	-----	-----
16.05	Identification Markings	-----	-----

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

SIGNED Dec Moore

DATE 1-10-86

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. L. v. B. B.

Administrator

January 27, 1986

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 - 3303 Ren -				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA		Category		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4923		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. OH & GAS DIV 018084 Name 710 Virginia St. East, Arcade Building DEPT. OF MINES 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 <div style="text-align: center;"> Date of Lease: <div style="display: flex; justify-content: center; gap: 5px;"> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> </div> <div style="display: flex; justify-content: center; gap: 5px;"> Mo. Day Yr. </div> </div> OCS Lease Number				
(c) Name and identification number of this well: (35 letters and digits maximum.)	Minney #248				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)					
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	UNDEDICATED				
(b) Date of the contract:	<div style="text-align: center;"> <div style="display: flex; justify-content: center; gap: 5px;"> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> <div style="border: 1px solid black; width: 20px; height: 15px;"></div> </div> <div style="display: flex; justify-content: center; gap: 5px;"> Mo. Day Yr. </div> </div>				
(c) Estimated total annual production from the well:	11 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 9 0 2	-	-	-
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	5 9 0 2	-	-	-
9.0 Person responsible for this application:	Harry L. Berger, Jr. Name <i>Harry L. Berger Jr</i> Signature Dec. 6, 1984 Date Application is Completed				
Agency Use Only Date Received by FERC DEC 11 1984		Designated Agent Title 304-342-0121 Phone Number			

10/06/2023

DEC 28 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

47-013-3303-R

Date: Dec. 6, 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

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

FERC Buyer Code

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

Name: Harry L. Berger, Jr.

(Print)

Agent

Signature:

(Title)

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 Catagory 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

X 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 Build

AGENCY USE ONLY

QUALIFIED

10/06/2023

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DEC 11 1984

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

***Lesser of TD or Bottom of Devonian Section Recorded on First Interval in this Column.
in this Column. Recorded as last Interval
D.M.G.

RECEIVED

OCT - 3 1983

DEPT. OF MINES
OIL & GAS DIVISION

Phone 655-8301
September 30 1983
Minners, WV
Box 98

Office of Oil and Gas
Dept of Mines
1013 Washington St East
Charleston, WV
25311

Dear Sir

API No. 47-013-3503 and 47-013-3530

On September 27th I wrote a formal complaint to the Little Kanawha Oil Conservation District with a copy to your office concerning site preparation work that started in June of this year. (Specifically, the access road on our farm in June of this year. No temporary vegetation cover had been applied, and no sediment barriers constructed.) Mr. Kase inspected the sites and served violation notices on the company. He requested them to start reclamation by September 28th. As of today, no reclamation work has started.

I would like to make another formal complaint on these matters and I would be grateful if you would accept this letter as such.

On 27th September we received a copy of Sterling's permit renewal application. We most certainly will have comments to make in respect of these applications, but first I would like to point out that we did not receive all the documents that the law requires. Specifically, we received no "statement of the methods and time limits for filing comments, and any other" etc. (24-4-10 c). This was missing from both applications. As I correct in assuming that our fifteen days' notice starts from the date we receive all the documents?

Philip Hickey
Philip Hickey

10/06/2023

C7

ordered Monday to temporarily seal wells

ISSUE WITH CONDITIONS AS DISCUSSED give the 1 month to drill reclamation to follow within 60 days after completion of well drilling process

Rt 2 Box 98
Minnora, WV
25263
Phone 655-8901

October 7 1983

RECEIVED
OCT 11 1983

**OIL & GAS DIVISION
DEPT. OF MINES**

Administrator of the Office of
Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston WV
25311

Dear Sir

We enclose our comments on the applications by Sterling Drilling and Production Co Inc to drill two gas wells on our farm.

Pipeline R.O.W. problem - called Howard - cannot be drilled 83 ft. November

Philip Hickey
Nancy Hickey
Philip and Nancy Hickey

certified mail. These documents relate to Sterling's application for a new permit to drill. However, the documents did not include the Surface Owner's Copy of Form IV-2(B). In its stead we received a photocopy of the File Copy of Form IV-2(B) and a photocopy of Form IV-2 (the old form). This substitution may have been accidental. We phoned Sterling on September 29 and the missing form arrived here by certified mail on September 30.

10/06/2023

On Form IV-2(B) Sterling states that the drilling contractor is "Unknown at this time". This would seem to indicate that Sterling do not intend to drill this well in the near future. Otherwise one would think that they would have the driller lined up.

Issue with comments
As discussed, give the
I want to call
to follow
immediately
after company
of well.

at 2 Box 98
Minners, WV
25263
Phone 655-8901

October 1, 1983

RECEIVED

OCT 1 1983

Administrator of the Office of
Oil and Gas

RECEIVED

OCT 11 1983

SURFACE OWNERS' COMMENTS

DEPT. OF MINES
OIL & GAS DIVISION

Surface owners:
Philip Hickey
Kerry Hickey

Surface owners' address: Rt 2 Box 98 Minners WV 25263

Surface owners' phone no: (304) 655 8901

Well operator: Sterling Drilling and Production Co Inc

Well number: 448 (formerly 47-013-3303)

Location of well: County - Calhoun
District - Lee
Township - Cabin Run

A permit for this well was issued in December 1982. Roadwork and site preparation were started on June 18 and completed on June 19, 1983. However, the drilling was never done, and the permit expired on August 23. At that time we did not know that the permit had expired and on August 30 we wrote to Mr. J. Davis of Sterling asking that temporary vegetation be applied to all disturbed areas (as earthmoving had been stopped for more than two months), and that the grade on the access road be reduced to 40%. (In one place we had measured a grade of 55%). We received no acknowledgment to this letter, so on September 8 we lodged a formal complaint with the State Kanawha Soil Conservation District and the Office of Oil and Gas. On September 15 Mr. Randall Jones, the Soil Conservation Officer, visited the site and agreed that temporary vegetation should have been applied. He also confirmed our grade measurement of 55%. On September 19 Mr. D. Hance, Oil and Gas Inspector, visited and posted a violation notice on the site. The notice required Sterling to begin reclamation work within one week. This was 17 days ago, and reclamation has not started yet.

On September 17 we received a letter from Sterling asking for a new permit to drill. However, the documents did not include the Surface Owner's Copy of Form IV-2(a). In its stead we received a photocopy of the State Copy of Form IV-2(a) and a photocopy of Form IV-2 (the old form). This substitution may have been accidental. We phoned Sterling on September 19 and the missing form arrived here. It was filed with the permit on September 20.

10/06/2023

On Form IV-2(b) Sterling states that the drilling contractor is "unknown at this time". This would seem to indicate that Sterling do not intend to drill this well in the near future. Otherwise one would think that they would have the driller lined up.

-2-

On Form IV-2(A) Sterling mentions a lease between themselves and Rodney C Minney (the deceased mineral owner). The lease is recorded in Grantsville in Book 072, page 184. We inspected this lease and noticed that it expired on August 19 1980. This does not directly concern us as we have no interest in the minerals, but it seems worthy of note.

With regard to Form IV-9 (Construction and Reclamation Plan), we are in the somewhat unusual position of commenting on work that has already been done. There are two discrepancies between the plan and reality.

1. The plan shows grades of 15% on the lower section of the access road and 10% on the upper section. In fact the grade on the lower section is 33%. Parts of the upper section are more or less flat, but Mr Randall Jones, the Soil Conservation Officer, measured a grade of 20% on the upper section of the road on September 15.
2. The plan calls for rock rip-rap structure under the culvert. This structure is not in place.

In light of all these matters we respectfully ask that when you issue the permit you impose the following conditions:

1. the grade on the access road be reduced to 15-10% as specified in the Construction and Reclamation Plan.
2. drilling be carried out immediately and reclamation be carried out as soon as drilling is completed. (The site and access road have been exposed for $3\frac{1}{2}$ months and considerable erosion has already taken place.)

We would be grateful if you would send us a copy of the permit as issued.

Philip Hickey

Nancy Hickey

Philip and Nancy Hickey

October 6 1983

10/06/2023

On Form IV-1 (A) stating, mentions a lease between themselves and Rodney C. Hines (the deceased mineral owner). The lease is recorded in Grantville in Book 074, page 144. We inspected this lease and noticed that it expires on August 15, 1950. This does not directly concern us as we have no interest in the minerals, but it seems worthy of note.

With regard to Form IV-2 (Constitution and Reclamation Plan), we are in the somewhat unusual position of commenting on work that has already been done. There are two discrepancies between the plan and reality.

1. The plan shows grades of 10% on the lower section of the access road and 10% on the upper section. In fact the grade on the lower section is 5%. Parts of the upper section are more or less level, but Mr. Randall, the Soil Conservation Officer, measured a grade of 10% on the upper section of the road on September 15.

2. The plan calls for rock rip-rap structure under the culvert. This structure is not in place.

In light of all these matters we respectfully ask that when you issue the permit you impose the following conditions:

1. The grade on the access road be reduced to 15-10% as specified in the Constitution and Reclamation Plan.

2. Drilling be carried out immediately and reclamation be carried out as soon as drilling is completed. (The site and access road have been exposed for 3 1/2 months and considerable erosion has already taken place.)

We would be grateful if you would send us a copy of the permit as issued.

Philip and Nancy Hickey

Philip and Nancy Hickey

October 6, 1953



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

M E M O R A N D U M

TO: JARRETT NEWELL, LITTLE TANAHA S.C.D.
FROM: Theodore M. Streit, Administrator
SUBJECT: Field review of well site plan
DATE: October 27, 1983

The office has received a comment that the enclosed plan is not adequate or effective. Please make a field review of the site and send your comment in on the enclosed plan below within fifteen (15) days.

Thank you.

COMMENTS:

Sterling Drilling & Production made road & location under permit #47-013-3303, but did not drill. Landowner states that road grades are in excess of those called for - some grades being as steep as 33%. As Sterling has applied for a new permit for this location, we need a field review to determine the truth, and accuracy of and adequacy of this plan.

ccs: Sterling Drilling & Prod Co (Well Operator)
210 Virginia Street, E.
Charleston, W.V. 25301

Philip and Nancy Hickey (Surface Owner)
Route 2, Box 98
Minnora, WV 25263

Sterling 248 R

10/06/2023

CH
TO: Theodore M. Streit, Administrator
FROM: Jarrett Newlon, Plan Reviewer - LKSCD
SUBJECT: Field review of well site plan #47-013-3303
DATE: November 2, 1983

I have this day, per your request, made a field review of the enclosed plan. With me on the site were Richard Campbell and Nancy Hickey.

I found the access road, structures and site to be as shown on the topo map and sketch. No well has been drilled and a dozer was being used to dress the site for seeding and mulching.

Most of the access road was 15% slope or less. However, one 80' section of the road had a slope of 28% to 30%. This short section of the road is rather rocky but could possibly be brought to a 20% to 25% grade.

It is my conclusion that this plan gives the only feasible access to the location and with proper structures and maintenance, erosion and sediment can be controlled.

RECEIVED
NOV 7 - 1983

OIL & GAS DIVISION
DEPT. OF MINES

10/06/2023

TO: Theodore L. Street, Administrator
FROM: Jarrett Newton, Field Reviewer - 11220
SUBJECT: Field review of well site plan 47-013-3303
DATE: November 2, 1983

I have this day, per your request, made a field review of the enclosed plan. With me on the site were Richard Campbell and Nancy Hickey.

I found the access road, structures and site to be as shown on the topo map and sketch. No well has been drilled and a boxcar was being used to dress the site for seeding and mulching.

Most of the access road was 15% slope or less. However, one 80' section of the road had a slope of 20% to 30%. This short section of the road is rather rocky but could possibly be brought to a 20% to 25% grade.

It is my conclusion that this plan gives the only feasible access to the location and with proper structures and maintenance, erosion and sediment can be controlled.

RECEIVED
JULY - 1983

DEPT. OF MINES
OIL & GAS DIVISION



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

December 8, 1983

Philip and Nancy Hickey
Arnoldsburg, W.V. 25234

Re : Well Work Permits 47-013-3303 Ren
47-013-3536 Ren

Dear Philip and Nancy Hickey

I am enclosing for your information copies of subject permits issued December 6, 1983, to Sterling Drilling and Production Company. We hope that our conditioning of these two permits meets with your approval.

If we may be of further assistance in the future please feel free to call upon us.

Sincerely

Margaret T. Hasse
Margaret T. Hasse
Petroleum Engineering Specialist

enc.

10/06/2023

SURFACE OWNERS' COMMENTS

RECEIVED

DEC 1 - 1983

Surface owners: Philip Hickey
Nancy Hickey

Surface owners' address: Rt 2 Box 98 Minnora WV 25263

Surface owners' phone no: (304) 655 8901

OIL & GAS DIVISION
DEPT. OF MINES

Well operator: Sterling Drilling and Production co Inc

Well number: 248 (formerly 47-013-3303)

Location of well: County - Calhoun
District - Lee
Watershed - Cabin Run

In our original comments (dated October 6 1983) on this Construction and Reclamation Plan we pointed out two discrepancies between the plan and the reality. These were:

1. The access road is steeper than shown.
2. There is no rip-rap structure under the culvert.

With regard to the access road we believe that Mr Newlon's description is somewhat misleading. He says that an 80 foot section of the road is 28%-30% and that the rest of the road is 15% or less. Mr Randall Jones, the Soil Conservation Officer (phone no. 354-7913) measured the lower section at 33% on September 15. He also measured a section further up the road at 20%.

Today we took measurements of the entire road. Our measurements of slope are approximate. (We do not have a theodolite.) Here are the results:

80 feet	33%
100 "	20%
230 "	15%
60 "	20%
330 "	10% or less

In their Construction and Reclamation Plan, Sterling stated that the upper section of the road was 10% and the lower section 15%. As you can see from our measurements 30% of the road exceeds the specified slope.

However, Mr Newlon mentions the possibility of bringing the lower 80 foot section down to 20% . If this were done then the road would meet the minimum legal requirement and we would be satisfied. In fact, even if the final product were as steep as 25%, we would

10/06/2023

RECEIVED

1983

SURFACE OWNERS' COMMENTS

Surface owners:

Philip Hickey
Wanda Hickey

Surface owner's address:

RT 2 Box 38 Minerva NY 12545

Surface owner's phone no:

(504) 655 8901

Well operator:

Sterling Drilling and Production Co Inc

Well number:

248 (formerly 41-013-3503)

Location of well:

County - Orleans
District - 126
Watered - Cabin Run

In our original comments (dated October 6 1983) on this construction and reclamation plan we pointed out two discrepancies between the plan and the reality. These were:

1. The access road is steeper than shown.
2. There is no rip-rap structure under the culvert.

With regard to the access road we believe that Mr Newton's description is somewhat misleading. He says that the 80 foot section of the road is 12% and that the rest of the road is 15% or less. Mr Randall Jones, the Soil Conservation District (phone no. 334-1911) measured the lower section of 35' on September 15. He also measured a section further up the road at 10%.

Today we took measurements of the entire road. Our measurements of slope are approximate. (We do not have a theodolite.) Here are the results:

80 feet	12%
100 "	10%
130 "	15%
160 "	10%
190 "	10% or less

In their construction and reclamation plan, Sterling stated that the upper section of the road was 12% and the lower section 15%. As you can see from our measurements 50' of the road exceeds the specified slope.

However, Mr Newton mentions the possibility of bringing the lower 80 foot section down to 10%. If this were done then the road would meet the minimum legal requirement and we would be satisfied. In fact, even if the final project were as steep as 15%, we would

be satisfied, if this were the best that could reasonably be achieved. We would be grateful if this could be included in the Construction and Reclamation Plan.

With regard to the rip-rap: Mr Newlon, when he visited here on November 2 confirmed that the rip-rap was absent. He did not mention this in his memo to Mr Streit. He also instructed Mr Campbell (of Sterling) to build additional drains, which Sterling have in fact now done.

Philip Hickey

Nancy Hickey
Philip Hickey
Nancy Hickey



State of West Virginia

Department of Mines

Charleston 25305

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

December 8, 1983

Harry L. Berger, Designated Agent
Sterling Drilling and Production Company
710 Virginia Street, East
Charleston, WV 25301

Re : Condition of Well Work Permits #47-013-3303Ren--your #248
and #47-013-3536Ren--your #731

Dear Mr. Berger

As you are aware, Mr. and Mrs. Hickey submitted comments to our office on the subject Well Work Permit Applications. In response to these comments, we arranged for Mr. Jarrett Newlon of the Little Kanawha Soil Conservation District to make a field review of these locations. This field review was conducted on November 2, 1983. Also, Mr. Deo Mace, Department of Mines Oil and Gas Inspector for Calhoun County inspected the two locations. Our conditioning is based on the recommendations of Mr. Newlon and Mr. Mace, and includes a time condition recommended due to the unstable soil conditions in that area and to the relatively steep grades on parts of the location roads.

Sincerely

Margaret T. Hasse
Petroleum Engineering Specialist
Oil and Gas Division

mh

10/06/2023

04
Rt 2 Box 98
Minnora, WV 25263

October 24, 1984

RECEIVED

OCT 29 1984

OIL & GAS DIVISION
DEPT. OF MINES

Mr. Theodore M. Streit,
Administrator,
Division of Oil and Gas,
W.V. Department of Mines,
Charleston, WV
25311

File

Dear Mr. Streit,

Re: API No. 47-013-3303

On Monday last it rained here for most of the day. The drillers began moving equipment off the site at 7.00A.M. but gave up at about 9.30A.M. because of the mud. I visited the site at 5.00P.M. and found that the pits were overflowing and a stream of water was flowing over the hill in the approximate direction of our spring/cistern which is located between the drilling site and our house. I did not measure the flow but would estimate it at approximately 20 gallons per minute.

I tried to call Sterling but got no reply. Nor could I get a reply at Mr. Mace's number. So I called your office and spoke to Ms. Holly Derrigan who promised to have someone phone me "in the morning". I kept trying Mr. Mace's number and finally got through to his wife, with whom I left a message. Meanwhile Ms. Derrigan had passed my message to Ms. Hasse who also left a message for Mr. Mace.

Later in the evening Mr. Mace got in touch with the operator, and at 9.00P.M. three workmen went onto the site and dozed a dike around the lower end of the pits. Yesterday morning Mr. Mace and Mr. Mills (DNR) visited the site. They said they would ask the operator to make the dike bigger but that because the pit was not actually overflowing during their visit there was nothing else they could do. I pointed out to Mr. Mace that no provision had been made to divert surface water from the pit. He said that there was not much surface water running into the pit. (By this time the rain had almost stopped.) At 2.00 yesterday afternoon a dozer operator arrived and raised the level of the dike.

contd

10/06/2023

Mr. S. Fox 38
Minors, W. 2503

October 11, 1934

RECEIVED

OCT 2 1934

OIL & GAS DIVISION

DEPT. OF MINES

Mr. Theodore W. Stetler,
Administrator,
Division of Oil and Gas,
W.V. Department of Mines,
Charleston, W.V.
25311

Dear Mr. Stetler:

Re: April No. 47-01-3503

On Monday, April 1st, it rained here for most of the day. The drilling
began moving equipment off the site at 7:00 A.M. but gave up at
about 9:30 A.M. because of the mud. I visited the site at
5:00 P.M. and found that the pits were overflowing and a stream
of water was flowing over the wall in the approximate direction
of our spring/casern which is located between the drilling
site and our house. I also noticed the flow but would esti-
mate it at approximately 20 gallons per minute.

I tried to call Stetler but got no reply. Nor could I get a
reply to Mr. Stetler's number. So I called your office and spoke
to Mr. Holly Berigan who promised to have someone phone me
"in the morning". I kept trying Mr. Stetler's number and finally
got through to him, with whom I left a message. Mean-
while Mr. Berigan had passed my message to Mr. Stetler who also
left a message for Mr. Stetler.

Later in the evening Mr. Stetler got in touch with me by letter.
He said that he had sent one of the pits and closed
it. He said the level of the pits. Yesterday morning, I
went and Mr. Stetler (WVA) visited the site. They found that
would ask the operator to make the pits bigger but that
because the pit was not so much overflowing with water
that there was nothing else they could do. I pointed out
to Mr. Stetler that no provision had been made to divert surface
water from the pit. He said that there was not much surface
water running into the pit. (By this time the rain had almost
stopped.) At 1:00 P.M. yesterday afternoon a dozen operators arrived
and raised the level of the pits.

COPIED

10/06/2023

The purpose of this letter is twofold. Firstly, to thank you and your department for the action taken. We are particularly grateful to Ms. Hasse, who telephoned us from her home and did much to allay our concern. Secondly, to formally challenge Mr. Mace's statement that nothing could be done unless he actually witnesses the overflow. The fact is that the operator has violated regulations 23.03, 23.04 and 23.05.

23.03:-by neglecting to construct and maintain the site in such a manner as to confine all materials leaked or spilled as a result of drilling operations to the drilling site.

23.04:-by constructing a location which made no provision to divert surface water from the pit.

-by failing to inform the inspector of the overflow.

23.05:-by neglecting to make proper and adequate provision to prevent surface water pollution.

Furthermore the site at this time is in imminent danger of overflowing. Within ten minutes of the dozer driver leaving the site the water had crested the dike and was flowing onto the location. If the rains continue it is only a matter of time before it gets over the hill. I would like to stress that, although it rained Monday and yesterday, we have actually had very little rain. The streams are barely flowing. If we get a heavy downpour the entire site will be awash with contaminated water. What is particularly difficult is that we may have to live with this state of affairs for six months - right through the winter.

All of this could so easily have been prevented. On Saturday, October 20, I visited the site and spoke to Mr. McCrosky, the site foreman. He told me that, as the pits were full to the top, he intended to recommend to Sterling that they be pumped dry. This was two days before the overflow actually occurred.

To guard against any misunderstanding, may I make it clear that there is absolutely no ill feeling between your inspector and ourselves. We have always found Mr. Mace to be most responsive and helpful. It is simply that in this instance I disagree with his judgment. Mr. Mace has mentioned to us from time to time that there are many surface owners whose plight is much worse than ours. I am quite sure that this is so. But it is a little like telling a man who has been robbed and beaten that a lot of people nowadays are getting murdered. It is some consolation - but not much.

contd

10/06/2023

The purpose of this letter is twofold. Firstly, to thank you and your department for the action taken. We are particularly grateful to Mr. Hesse, who telephoned us from her home and kind much to allow our concern. Secondly, to formally challenge Mr. Hesse's statement that nothing could be done unless we actually witnessed the overflow. The fact is that the operation has violated regulations 23.03, 23.04 and 23.05.

23.03:-by neglecting to construct and maintain the site in such a manner as to confine all materials leaked or spilled as a result of drilling operations to the drilling site.

23.04:-by constructing a location which made no provision to divert surface water from the site.

23.05:-by neglecting to make proper and adequate provision to prevent surface water pollution.

Furthermore the site at this time is in imminent danger of overflowing. Within ten minutes of the driver arriving leaving the site the water had crested the dike and was flowing onto the location. If the rains continue it is only a matter of time before it gets over the hill. I would like to stress that, although it rained for the last two days, we have usually had very little rain. The streams are barely flowing. If we get a heavy downpour the entire site will be swash with contaminated water. What is particularly difficult is that we may have to live with this state of affairs for six months - right through the winter.

All of this could so easily have been prevented. On Saturday, October 20, I visited the site and spoke to Mr. McCracken, the site manager. He told me that, as the site were full to the top, he intended to recommend to planning that they be closed. This was the last before the overflow actually occurred.

To guard against any misunderstanding, may I make it clear that there is absolutely no ill feeling between your inspector and ourselves. We have always found Mr. Hesse to be most responsive and helpful. It is simply that in this instance I disagree with his judgment. Mr. Hesse has mentioned to us from time to time that there are many surface owners whose plight is much worse than ours. I am quite sure that this is so. But it is a little like telling a man who has been robbed and beaten that a lot of people nowadays are getting murdered. It is some consolation - but not much.

contd

I would be grateful if you would let me know why the regulations which I have mentioned above are not being enforced in this instance.

Philip Hickey

Philip Hickey

cc. L. Howley
Attorney at Law

D. Mace
Oil and Gas Inspector



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

OOG-1038

October 30, 1984

Sterling Drilling & Production Corp.
710 Virginia Street, East
Charleston, WV 25301

Attn: Mr. Harry L. Berger, Jr.

Re: 47-013-3303

Dear Mr. Berger:

This letter is to inform you that your permit to drill the subject well includes all phases of the drilling and completion which includes stimulation.

I was in error when I previously required that you obtain a separate permit to stimulate this well.

Stimulation as commonly known in the industry is part of drilling a well. However, if after six (6) months you have not completed the well work, Regulation 7.01(i) requires that you obtain a new permit.

I suggest that you complete your well work as quickly as possible and get your reclamation completed.

Sincerely,

Ted M. Streit, Administrator
Office of Oil and Gas

TMS/las

cc - Deo Mace, Oil and Gas District Inspector
Mr. Phil Hickey

10/06/2023

08
RECEIVED

JAN 2 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

Rt 2 Box 98
Minnora, WV 25263

December 31, 1984

Mr Theodore M. Streit
Administrator
Division of Oil and Gas
W.V. Department of Mines
Charleston, WV 25311

Dear Mr Streit

Re: API No. 47-013-3303

On October 22, 1984, as a result of Sterling's negligence, the pits on this site overflowed. I estimate that approximately ten thousand gallons of polluted water flowed over our pasture. I wrote to you concerning this matter on October 24, 1984 but have not yet received a reply.

I visited the site recently and noticed that the vegetation in the affected area is dead and blackened. I wrote to Sterling on December 18, 1984 asking that they send someone here to discuss the fencing and detoxification of the area, but have received no reply.

It is now over nine weeks since I wrote to you and I would be grateful if you could let me have a reply as soon as is convenient.

*MARGRET
SEE
WHAT
WE
CAN
DO
THEY SHOULD HAVE
someone working*

Philip Hickey
Philip Hickey

Rugdale

10/06/2023

Mr. S. Box
Minerals, WV-25203

RECEIVED

JAN 2 - 1985

December 31, 1984

DEPT. OF MINES
OIL & GAS DIVISION

Mr. Theodore A. Street
Assistant
Division of Oil and Gas
W.V. Department of Mines
Charleston, WV-25311

Dear Mr. Street:

Re: WV-015-2503

On October 24, 1984, as a result of Sterling's negligence, the
fire on this site overflew. I estimate that approximately
ten thousand gallons of polluted water flowed over our facility.
I wrote to you concerning this matter on October 24, 1984 but
have not yet received a reply.

I visited the site recently and noticed that the vegetation in
the affected area is dead and discolored. I wrote to Sterling
on December 15, 1984 asking that they send someone here to
classify the fencing and detoxification of the area, but have
received no reply.

It is now over nine weeks since I wrote to you and I would be
grateful if you could let me have a reply as soon as is convenient.

Phil Hicks

Phil Hicks

10/06/2023



State of West Virginia

Department of Mines

Charleston 25305

ARCH A. MOORE JR.
Governor

BARTON B. LAY JR.
Director

February 19, 1985

Mr. Philip Hickey
Route 2, Box 98
Minnora, West Virginia 25263

Re: Permit No. 47-013-3303

Dear Mr. Hickey:

This is in reply to your several letters and telephone inquiries regarding problems with the above subject well. Many questions raised are not easily answered.

Due to various communications problems, not all the laws were enforced as well as we would like to have them enforced in this case. Mr. Mace, our district inspector, will soon post a violation against Sterling for violations of this permit (if he has not already done so).

In regard to the spilled pit: while this is, of course, an unfortunate and unpleasant accident, we have no knowledge that there is anything of long term toxicity in the pit.

Looking forward, we will do our utmost to see that the location and road are properly reclaimed as early as possible this spring and that any damaged property is restored.

Sincerely,

Theodore M. Streit
Administrator
Office of Oil & Gas

cc: Sterling Drilling
Deo Mace
✓ File

10/06/2023

Phone 655-8901
Minners, WV 25265
Rt 2 Box 98

February 19, 1985

RECEIVED

FEB 20 1985

DEPT. OF MINES
OIL & GAS DIVISION

Ms Margaret T Hass
Petroleum Engineering Specialist
Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, WV
25311

Dear Margaret

Re: API 47-013-3303 and 47-013-3336

I was mistaken on Friday when I said "OG-1". I have checked our files, and the form we received was IV-2 (which I think is the one you had in mind). It had been several months since I looked at the forms and I had confused the numbers. However, I believe that my argument is no less valid. I am writing to the Administrator asking him to look into the matter, but I would like to put our arguments to you also and would be most grateful for your reaction.

Form IV-2(B) is a six-page self-carrying form. The surface owner's copy is the fifth copy down, and all six pages are attached together at the top. The reverse side of the surface owner's copy gives the surface owner's "bill of rights". In the guidelines your office has prepared for applicants you specifically make the point: "to avoid problems, make certain all surface owners required to receive notice receive both front and back of the copy".

But instead, we received a completed form IV-2. The two forms do have some similarities but in fact are not at all alike:

1. Form IV-2(B) is blue; IV-2 is white.
2. Form IV-2(B) is eleven inches long; IV-2 is fourteen inches long.
3. Form IV-2(B) has 13 line items; IV-2 has 24 line items.
4. The lower third of the two forms bear not the slightest resemblance to each other.
5. The reverse of form IV-2(B) has the "bill of rights"; the reverse of form IV-2 does not.
6. Form IV-2(B) does not require the designated agent's signature, whereas IV-2 does.

contd

10/06/2023

Let us for a moment assume that - in spite of all these differences - the substitution was an accident. Mr. Berger's typist typed up Form IV-2(B) (all six copies). He/she then lost the surface owner's copy. When the various documents were being collated the loss was discovered and a fresh form was typed for the surface owner: not on Form IV-2(B), which presumably was close to hand, but on the older form IV-2 (which had been obsolete for almost three months). Having typed the information on the wrong form, someone then noticed that the form required Mr. Berger's signature. Mr. Berger not only signed the form, but had it notarized as well, all without noticing that it was the wrong form. His failure to notice this is the more astonishing when you remember that the correct form - IV-2(B) - does not require his signature at all. And then - believe it or not - the entire series of unfortunate errors was repeated for the second well!

Back to reality. I have studied the documents at great length, and frankly, I cannot believe that the substitution was an error. The only question to my mind is whether or not this particular ploy was used on all Sterling's surface owners or only on us.

Perhaps the most serious aspect of the matter is the fact that Mr. Berger's application was accompanied by his sworn statement that he had sent all the correct documents as required by law - when in fact he had not.

Although I have tried - in this and in all matters - to be scrupulously fair to Sterling, it may be that there is some simple explanation to this matter that I have overlooked. As I mentioned above, I would be grateful for any comments you might have.

Philip Hickey

Philip Hickey

set us for a moment assume that - in spite of all these differences - the substitution was an accident. Mr. Berger's typed IV-2(B) (all six copies). He/she then lost the surface owner's copy. When the various documents were being collated the loss was discovered and a fresh form was typed for the surface owner; not on form IV-2(B), which presumably was close to hand, but on the older form IV-2 (which had been obsolete for almost three months). Having typed the information on the wrong form, someone then noticed that the form required Mr. Berger's signature. Mr. Berger not only signed the form, but had it notarized as well, all without noticing that it was the wrong form. His failure to notice this is the more astonishing when you remember that the correct form - IV-2(B) - does not require his signature at all. And then - believe it or not - the entire series of misadventures was repeated for the second well!

back to reality. I have studied the documents at great length, and frankly, I cannot believe that the substitution was an error. The only question to my mind is whether or not this particular policy was used on all Sterling's surface owners or only on us.

Perhaps the most serious aspect of the matter is the fact that Mr. Berger's application was accompanied by his sworn statement that he had sent all the correct documents as required by law - when in fact he had not.

Although I have tried - in this and in all matters - to be scrupulously fair to Sterling, it may be that there is some simple explanation to this matter that I have overlooked. As I mentioned above, I would be grateful for any comments you might have.

Philip Mickey

0/2

Rt 2 Box 98
Minnora WV 25263

Phone 655 8901

March 31 1985

Mr Theodore M Streit
Administrator
Office of Oil and Gas
West Virginia Department of Mines
Charleston WV 25305

RECEIVED
APR 4 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

Dear Mr Streit

Re: API 47-013-3303 and 47-013-3536

1. I wrote to you on February 22 (five weeks ago) but have - as yet - received no reply (not even an acknowledgement).
2. The reclamation of site 3536 has now become a matter of some urgency. The slips are spreading at an alarming rate, and I fear that if corrective action is not taken soon, the damage will be irreparable.
3. The facts of this matter are set out in detail in paragraph 4(a) of my letter of February 22.
4. I spoke to Mr Mace recently and he suggested that I might ask you to authorize a special inspection of this site. I would be very grateful if you would do this.
5. During the past year or so, I have raised several matters with your office. From your responses, and the responses of your inspectors, I have gained the impression that my representations are greeted with something less than enthusiasm. This has disappointed me because I have never asked for - nor would I ever expect - anything more than the correct and reasonable enforcement of the law. If you agree to authorize a special inspection of 3536, do you think it would be possible for you yourself to accompany the inspector? I would welcome an opportunity to speak to you and show you these sites in order that you can evaluate at firsthand the reasonableness or otherwise of our position.

Philip Hickey
Philip Hickey

10/06/2023

IV-27
11/23/81

RECEIVED

SEP 22 1983



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: Sept. 19, 1983
Well No: MINNEY 248
API NO: 47 - 13 - 3303 REX
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil / Gas Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow /

LOCATION: Elevation: Watershed:
District: See County: Cashoan Quadrangle:

WELL OPERATOR S. T. Dill DESIGNATED AGENT Harry Berger
Address Address 710 Virginia St E
 Charleston WV 25301

The above well is being posted this 19 day of Sept, 1983, for a
violation of Code 22-4-12 and/or Regulation 23.06, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

LOCATION AND ACCESS ROAD HAS BEEN CONSTRUCTED, HOWEVER
DRILLING HAS NOT BEEN STARTED.

THE DEPT. OF MINES WAS NOT NOTIFIED OF CONSTRUCTION.
THE DRILLING PERMIT HAS EXPIRED.

RECLAMATION SHOULD BE STARTED THIS WEEK.

A copy of this notice has been posted at the well site and sent by certified or
registered mail to the indicated well operator or his designated agent.

You are hereby granted until SEPT. 26, 1983, to abate this violation.

Failure to abate the violation may result in action by the Department under
Code 22-4-17 or Code 22-4-18.

Des Mace

Oil and Gas Inspector

Address RT 1 BOX 5

Sand Ridge WV 25174

Telephone: 635-7380 10/06/2023

RECEIVED
NOV 28 1983

OIL & GAS DIVISION
DEPT. OF MINES

Date: NOV 23, 1983
Operator's MINNEY
Well Number 248
API Well No.: 47 - 13 - 3303 R
State County Permit

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

NOTICE OF ABATEMENT

WELL TYPE: Oil ☐ / Gas ☐ Liquid Injection ☐ / Waste disposal ☐
Underground
If "Gas" - Production ☐ / Storage ☐ Deep ☐ / Shallow ☐
LOCATION: Elevation: _____ Watershed: _____
District: LEE County: CAL Quadrangle: _____
WELL OPERATOR STERLING DESIGNATED AGENT HARRY BERGER
Address _____ Address 710 VIRGINIA ST E
CHARLESTON 25301

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on NOV 23, 19 83,

The violation of Code § 22-4-12 heretofore found to exist on SEPT 19, 19 83, by Form IV-27, "Notice of Violation" ☒ / Form IV-28, "Imminent Danger Order" _____ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

D. Mace
Oil and Gas Inspector
Address _____
Telephone _____

10/06/2023

RECEIVED
NOV 28 1983
OIL & GAS DIVISION
DEPT. OF MINES

Date: _____
Operator's _____
Well Number _____
API Well No. _____
State _____ County _____ Permit _____

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

NOTICE OF ABATEMENT

WELL TYPE: _____
Oil _____ Gas _____
Liquid Injection _____
Waste disposal _____
LOCATION: _____
District _____
County _____
Elevation _____
Waterhead _____
Production _____
Storage _____
Deep _____
Shallow _____
Underground _____
DESIGNATED AGENT: _____
Address _____
Address _____

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on _____ 19_____.
The violation of Code _____
of violation _____
Form IV-28, "Imminent Danger Order," _____
at that date has been totally abated. If the abated violation was found by _____
an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or the designated agent.

Oil and Gas Inspector _____
Address _____
Telephone _____

10/06/2023



IV-27
9-83

RECEIVED

FEB 26 1985

OIL & GAS DIVISION

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

47550
Date: Feb. 25, 1985
Well No: Minney 248
API NO: 47-13-3303 Ren
State County Permit

DEPT. OF MINES Oil and Gas Division

NOTICE OF VIOLATION

WELL TYPE: Oil / Gas x Liquid Injection / Waste Disposal /
Of "Gas" - Production x / Storage / Deep / Shallow x /

LOCATION: Elevation: Watershed: Cabin Run
District: Lee County: Calhoun Quadrangle:

WELL OPERATOR Sterling Drilling & Prod. DESIGNATED AGENT Harry Berger
Address Address 710 Virginia St. E.
 Charleston, WV 25301

The above well is being posted this 25 day of Feb, 1985, for a
violation of Code 22-4-1-0 and/or Regulation , set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Conditions of the permit are that well work authorized be performed only between April 15 and November 1. By fracturing this well during November, 1985, Sterling Drilling & Production Co. violated the terms of this permit. Therefore, reclamation shall be completed immediately, weather permitting.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until March 4, 1985, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

D. W. Mace
Oil and Gas Inspector

Address RT 1 Box 5
Sand Ridge Wv
25274

Telephone: 10/06/2023



RECEIVED

FEB 26 1985

OIL & GAS DIVISION

DEPT. OF MINES Oil and Gas Division
NOTICE OF VIOLATION

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

DATE: Jan. 22, 1985

WELL NO. 11-100-100

WELL NO. 11-100-100
STATE COUNTY DEPT.

WELL TYPE: 011 / Gas X / Liquid Injection X / Waste Disposal X
OF "B&S" - Production X / Storage X / Deep X / Shallow X

LOCATION: Elevation: Watched: 100 ft

District: 100 County: 100

WELL OPERATOR: 100 DESIGNATED AGENT: 100

Address: 100

Charleston, W. Va. 25301

The above well is being posted this 22 day of Jan. 1985.

Violation of Code 22-4-1 - (and/or regulation) set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Conditions of the permit and that well work authorized be performed only between April 15 and November 1, by fracturing the well during November, 1985, resulting in violation of Code 22-4-1, violated the terms of this permit. Therefore, redemission shall be completed immediately, weather permitting.

A copy of this notice has been posted at the well site and sent by certified registered mail to the indicated well operator or his designated agent. You are hereby granted until March 4, 1985, to abate this violation. Failure to abate this violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Oil and Gas Inspector

Address:

Telephone:

10/06/2023

RECEIVED
MAR 12 1985

Date: MARCH 6, 1985
Operator's Well No. MINNEY 248
API Well NO. 47 - 13 - 3303 RLY
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE EXTENDING ABATEMENT TIME

WELL TYPE: Oil X / Gas X / Liquid Injection _____ / Waste disposal _____
Of "Gas" - Production X / Storage _____ / Deep _____ / Shallow X /
LOCATION: Elevation: _____ Watershed: CABIN RUN
District: LEE County: CALHOUN Quadrangle: _____
WELL OPERATOR STERLING DRILLING & PROD DESIGNATED AGENT HARRY BERGER
Address _____ Address 710 VIRGINIA ST. E.
CHARLESTON, WV 25301

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on MARCH 6, 1985.

The violation of Code _____, heretofore found to exist on FEB. 25, 1985, by Form IV-27, "Notice of Violation" ✓, Form IV-28, "Imminent Danger Order" _____ of that date has not been totally abated. Accordingly, the well operator is—

_____ required to continue the cessation of operations until the imminent danger is totally abated.

✓ granted an extension of time to totally abate the violation, until APRIL 2, 1985.
This is the first ✓ / second _____ / final _____ extension of said Notice of Violation.

COMMENTS: (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Dw Mace
Oil and Gas Inspector
Address RT 1 Box 5
Sand Ridge WV 25874
Telephone 635-7308 10/06/2023

RECEIVED

APR 9 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

Date: APRIL 3, 1985
Operator's Well No. MINNEY 248
API Well NO. 47 - 13 - 3303
State County Permit

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

NOTICE EXTENDING ABATEMENT TIME

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste disposal
Of "Gas" - Production X / Storage / Deep / Shallow X
LOCATION: Elevation: / Watershed: CABIN RUN
District: LEE / County: CALHOUN / Quadrangle:
WELL OPERATOR STERLING D.F.P. CO / DESIGNATED AGENT HARRY BERGER
Address / Address 710 VIRGINIA ST. E.
CHARLESTON WV 25301

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on , 19 .

The violation of Code , heretofore found to exist on FEB. 25, 1985, by Form IV-27, "Notice of Violation" X / Form IV-28, "Imminent Danger Order" / of that date has not been totally abated. Accordingly, the well operator is—

 required to continue the cessation of operations until the imminent danger is totally abated.

X granted an extension of time to totally abate the violation, until MAY 2, 1985.
This is the first / second X / final / extension of said Notice of Violation.

COMMENTS:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

D. L. Mace
Oil and Gas Inspector

Address

Telephone

10/06/2023

Rt 2 Box 98
Minners, WV 25263

Phone 655-8901

February 22, 1985

RECEIVED

FEB 26 1985

DEPT. OF MINES
OIL & GAS DIVISION

Mr. Theodore M. Streit
Administrator
Office of Oil and Gas
West Virginia Department of Mines
Charleston, WV 25305

Dear Mr. Streit:

Re: API 47-013-3303 and 47-013-3536

1. Today I received your letter of February 19. I am not at all satisfied with the explanations you offer.

2. In your second paragraph you say, "Due to various communications problems, not all the laws were enforced as well as we would like to have them enforced in this case." I would be grateful if you would let me know exactly what are the communications problems, and in what way they have prevented your office from taking the appropriate action. The sequence of events in this matter was as follows:

(a) Mr. Mace visited the site on or about October 20, 1984. He found that the pits were almost full and told the person in charge to have them emptied. (This I know because Mr. Mace himself told me.) He also, presumably, noticed that no provision had been made to divert surface water from the pits as is specifically required by the regulations.

(b) On October 22 the pits overflowed, and several thousand gallons of toxic water were spilled on our pasture in the vicinity of our water source. I complained to your office and Mr. Mace instructed the operators by phone to dike the pits. At nine o'clock that evening three workmen went onto the site and raised an earth dike around the pits.

(c) On October 23 Mr. Mace visited the site and said that he could not serve a violation because he did not actually witness the overflow and that the dike was containing the pit water at that time. I pointed out that the water was seeping through the dike and that the regulations prohibited seepage of pit water. I also pointed out that no provision had been made to divert surface water from the pits. But

cont'd

10/06/2023

Mr Mace remained adamant in his refusal to serve a violation.

I cannot see that there were any communications problems at all. In fact, my overall impression was that Ms Derrigan, Ms Hasse and Mr Mace communicated rather well.

3. In your third paragraph you say that you have no knowledge that there is anything of long-term toxicity in the pit. The implication is that pit water is to be considered benign until conclusively proven otherwise. And yet the implication in West Virginia law is that pit water is dangerous. Otherwise why do we need such an array of rules and procedures designed to contain the water and dispose of it properly? Furthermore - in this case - you have the prima facie evidence that the spill has killed and blackened a large area of vegetation. And yet your office has taken no action against Sterling in this matter - because you have no knowledge that there is anything of long-term toxicity in the pit. Frankly this is beyond belief.

You describe the spill as "an unfortunate and unpleasant accident", suggesting that the incident was somehow unpredictable and unavoidable - an act of God, so to speak. In fact it was nothing of the kind. The spill was an inevitable consequence of the poorly constructed location and your inspector's failure to enforce the law. A properly constructed location would, of course, have cost Sterling more money, and it occurs to me that this was the primary consideration.

4. On February 15, 1985 I spoke to Ms Hasse on the telephone. We spoke at some length and I pointed out to her that the present issues were not isolated incidents. Sterling have been working on this farm since 1981 and the treatment we have received at their hands has been nothing short of frightful. I also mentioned that we are less than satisfied with the level of protection we have received from your office. Ms Hasse felt that it might be helpful if I were to put our complaints in writing. These are set out below.

a) In June '83 Sterling opened two sites on our farm (API 3303 and 3536). However, they did not drill and the permits expired. In September I complained to your office that the sites had been left exposed for longer than the permitted two months. On September 19, 1983 Mr Mace called and served a violation on each site and ordered reclamation to be carried out within seven days. In fact, reclamation was not started until October 28. To the best of my knowledge, no extension of the abatement period was ever authorized. Furthermore, Sterling did not begin reclamation until the day after Ms Hasse threatened to withhold all their permits.

contd

10/06/2023

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a) In June '83 Sterling opened two sites on our farm (API 3503 and 3506). However, they did not fill and the permits expired. In September I complained to your office that the sites had been left exposed for longer than the permitted two months. On September 19, 1983 Mr. Mace called and served a violation on each site and ordered reclamation to be carried out within seven days. In fact, reclamation was not started until October 20. To the best of my knowledge, no extension of the stipulated period was ever authorized. Furthermore, Sterling did not begin reclamation until the day after Mr. Hassse threatened to withhold all their permits.

cont'd

Well no. 3303 has since been drilled, but no. 3536 has not. The violation called for a full reclamation, but in fact 1) only wheat was sown and the vegetative cover is to this date extremely poor. 2) There are numerous slips - including two very large ones. 3) The reclaimers left two enormous brush piles at the side of the site. 4) By re-routing the road they have cut off our access to the back of our hollow.

On June 25, 1984 Nancy phoned Ms Hasse and mentioned these matters. Ms Hasse referred us to Mr Mace. On July 5 I called Mr Mace and on July 23 he inspected the sites. On August 8, 1984 I phoned Mr Mace and he said that he had asked Sterling to fix the slips and improve the vegetation. On October 9 Mr Davis of Sterling came here to look at the slips and he said he would have them fixed. This has not yet happened. The reclamation, by your own inspector's admission, is below the acceptable standard, and yet Sterling remains uncensured, the slips continue to slip, and wheat seed only grows wheat.

b) On September 26, 1983 Sterling applied for new permits for 3303 and 3536. By that date the new form IV-2(B) had been in use for almost three months. Surprisingly, however, our copy of the application was not typed on form IV-2(B) but on the older IV-2. The major essential difference between the two forms is that the surface owner's rights are listed on the newer form. I have studied the documents carefully and I believe that I can prove beyond a reasonable doubt 1) that the substitution was not accidental and 2) that Mr Berger knew of the substitution. I can only conclude that this subterfuge was a rather pathetic attempt to conceal from us our right to comment. I contacted Sterling immediately and within a few days received the correct documents, but the fact remains that Mr Berger's application for a permit contained his sworn statement that the correct documents had been sent to all concerned parties, even though at the time of swearing he knew in fact that this was not so. I invited Mr Berger to discuss this matter when he visited here on October 26, 1984, but he refused to do so. His words were: "I don't care what you can prove." I would be grateful for an opportunity to put this evidence before you.

c) In my letter to you of December 10, 1984 I described the confrontation which Sterling engineered here at our home on October 12, 1984. Their behavior during this incident was particularly disgusting. Mr Davis, who by his own account was taking orders directly from his head office, attempted to bully Nancy (who at the time had a four-year-old boy and a two-month-old baby to care for) into waiving one of the conditions on their permit. He even brought in the police to further the attempt at intimidation. During or shortly

contd

10/06/2023

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after the incident Mr Berger phoned Ms Hasse and reportedly told her that I was crazy and that she would have to do something about me. (I can't imagine what he had in mind.) When Mr Berger came here on October 26 I asked him to explain his company's actions on that day. He claimed to have almost no knowledge of the matter but implied that if Mr Davis called the police then he must have been concerned that Nancy was about to become violent. Mr Davis himself told Nancy that he was calling the police to drag her away from the gate.

Given that your office has jurisdiction over the well work; and given that we were enforcing the conditions which you had imposed on Sterling's permit; and given that your inspector had - to my knowledge - made no attempt to enforce the condition, and given that one of the purposes of the rule of law is to prevent the kind of bullying that Sterling practiced on that day, I think that it is reasonable for us to ask that you demand from Sterling an explanation of their behavior in this matter.

.

5. Perhaps the most distressing aspects of this entire business are the fact that Sterling consistently behave as if they are immune from legal process and your office appears to lack either the resources or the resolve to disillusion them in this regard. Mr Mace has assured me, on more than one occasion, that Sterling are really a very good company. I do not for a moment doubt Mr Mace's sincerity, but I must seriously question his judgment in this particular matter. Perhaps from a technical point of view, Sterling are flawless - I don't know. But the fact remains that on our farm at least they conducted their operations with an almost total disregard for the land and the rights of the landowners. (Even as I write this letter I am conscious of the fact that several thousand gallons of toxic water may be migrating slowly but inexorably towards our water supply.) And bear in mind that in all matters we have been more than co-operative with Sterling.

6. Mr Mace has also assured me that Sterling and other drilling companies are "West Virginia's last chance" for economic salvation. This proposition is debatable, but of course it is perfectly proper for an oil and gas inspector to have political, social and economic views. However, it is not proper for him (or for any public official) to allow these views to influence his professional judgment. There is no doubt in my mind that when Mr Mace made this remark to me, there was a clear implication that the argument somehow mitigated the seriousness of Sterling's transgressions. My own view is that the Office of Oil and Gas might more usefully confine itself to the activities for which it was created and leave West Virginia's political philosophy to the elected legislators. I

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10/06/2023

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10/06/2023

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7. Is it unreasonable that we should turn to your office for help? Is it unreasonable, when we see flagrant acts of delinquency, to report these to the office which was created to monitor and deal with these matters? And what would you recommend we do when we see the miscreants walk away - not only uncensured but positively applauded by the very agency charged with the responsibility of policing their activities?

8. To summarize: I would be very grateful if you would:

- a) let me know the nature of the communications problems which you mentioned in your letter;
- b) confirm that it is your department's formal policy to treat pit water as benign until conclusively proven otherwise;
- c) order that the reclamation work on site 3536 be brought to an acceptable standard;
- d) allow me to bring to you the evidence of Mr Berger's false swearing;
- e) demand from Sterling an explanation of their behavior on October 12, 1984.

9. As these matters have already dragged on for considerably longer than one might reasonably expect, I would be extremely grateful if you could reply within a reasonable space of time.

Philip Hickey
Philip Hickey

cc L Howley
Attorney

10/06/2023

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a) let me know the nature of the communications problems which you mentioned in your letter;

b) confirm that it is your department's formal policy to treat pit water as benign until conclusively proven otherwise;

c) order that the reclamation work on site 3556 be brought to an acceptable standard;

d) allow me to bring to you the evidence of Mr. Berger's false swearing;

e) demand from Sterling an explanation of their behavior on October 12, 1984.

9. As these matters have already dragged on for considerably longer than one might reasonably expect, I would be extremely grateful if you could reply within a reasonable space of time.

Philip Hickey

cc: L. Howley
Attorney



State of West Virginia

Department of Mines

Charleston 25305

ARCH A. MOORE, JR.
Governor

BARTON B. LAY, JR.
Director

00G-1153

April 8, 1985

Mr. Philip Hickey
Rt. 2, Box 98
Minnora, WV 25263

Re: 47-013-3303 and 013-3536

Dear Mr. Hickey:

This is in response to your letter of March 31, 1985, relative to the above captioned well locations.

Inspector Mace and I have been in close consultation concerning the reclamation of these sites and I have no reason to doubt that he has not been taking care of your problem.

However, since you believe that this situation has not been adequately handled, I am requesting Inspector Homer Dougherty to check the sites and make recommendations as to what he feel should be done to alleviate the problem.

You should be hearing from Mr. Dougherty within the next week.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ted M. Streit".

Ted M. Streit, Administrator
Office of Oil and Gas

TMS/las

cc - Homer Dougherty, District Oil and Gas Inspector

10/06/2023



RECEIVED

APR 22 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

MINNEY #248

DATE August 19, 1980

Surface Owner P. Hickey
Address Arnoldsburg, W.V. 25234
Mineral Owner Rodney C. Minney
Address Shock, W.V. 26638
Coal Owner Unknown - Unoperated
Address _____
Coal Operator None
Address _____

Company Sterling Drilling & Production
Address 622 3rd Ave., Suite 3800 NY, NY 10017
Farm MINNEY Acres 80.25
Location (waters) Cabin Run 974
Well No. 248 Elevation 840
District Lee County Calhoun
Quadrangle Arnoldsburg

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 12-28-81

INSPECTOR

TO BE NOTIFIED Richard Morris

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

PHONE 354 - 7259

Fred B. Bunkle
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 20 1979 by Rodney C. Minney made to Sterling Drilling & Production Co and recorded on the 12th day of Sept. 1979 in Calhoun County, Book 072 Page 184 Lease # 042 - 003
XX 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

Rt. 1 Box 30
Street

Duck
City or Town

W.V. 25063
State

Very truly yours,

(Sign Name)

Charles E. Moore
Well Operator

10/06/2023

*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 reciting 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.

BLANKET BOND

47-013-3303

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

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 F W A Drilling Company, Inc. NAME Charlie E. Moore
ADDRESS P.O. Box 448 - Elkview, W.V. ADDRESS Rt. 1 Box 30 Duck, W.V. 25063
TELEPHONE 965 - 3379 TELEPHONE 364 - 5780
ESTIMATED DEPTH OF COMPLETED WELL: 2013 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		2013'	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 and/or fractured, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



1) Date: September 26, 19 83
2) Operator's Well No. 248 - Ren.
3) API Well No. 47-013-3303 - Ren
State County Permit

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

Formerly 47 - 013 - 3303

- 4) WELL TYPE: A Oil / Gas X /
B (If "Gas", Production / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 974.68' Watershed: Cabin Run
District: Lee County: Calhoun Quadrangle: 7.5' Arnoldsburg
- 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 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, 5200 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

RECEIVED
SEP 27 1983
OIL & GAS DIVISION
DEPT. OF MINES

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water	9 5/8	LS	33#	X		300'	300'	To Surface	By Rule 15-05	
Coal										
Intermediate	7"	J-55	20#	X		2125'	2125'	100 sks		
Production	4 1/2	ERW	10.5#	X			5200'	250 sks		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-013-3303-Ren Date December 6, 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 December 6, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET BOND</u>	Agent: <u>ML</u>	Plat: <u>PL</u>	Casing: <u>PL</u>	Fee: <u>5548</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

The well work authorized by this permit shall be performed between April 15 and November 1.

Mr. Newlon's recommendations regarding the reclamation plan are to be incorporated. (See attached memo.)

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

Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason:

Reason:

10/06/2023



Date 4-8 1981
Well No. #248 - Minney
API No. 47 - 013 - 3303 *Run*
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 P. Hickey 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. 4-10-81 Jarrett 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>
Spacing _____	Material <u>Rock</u>
Page Ref. Manual <u>I-11</u>	Page Ref. Manual <u>N/A</u>
Structure <u>Cross Ditches</u> (C)	Structure _____
Spacing <u>As Needed -- 250'</u>	Material _____
Page Ref. Manual <u>I-6</u>	Page Ref. Manual _____

APR 22 1981
OIL & GAS DIVISION
DEPT. OF MINES

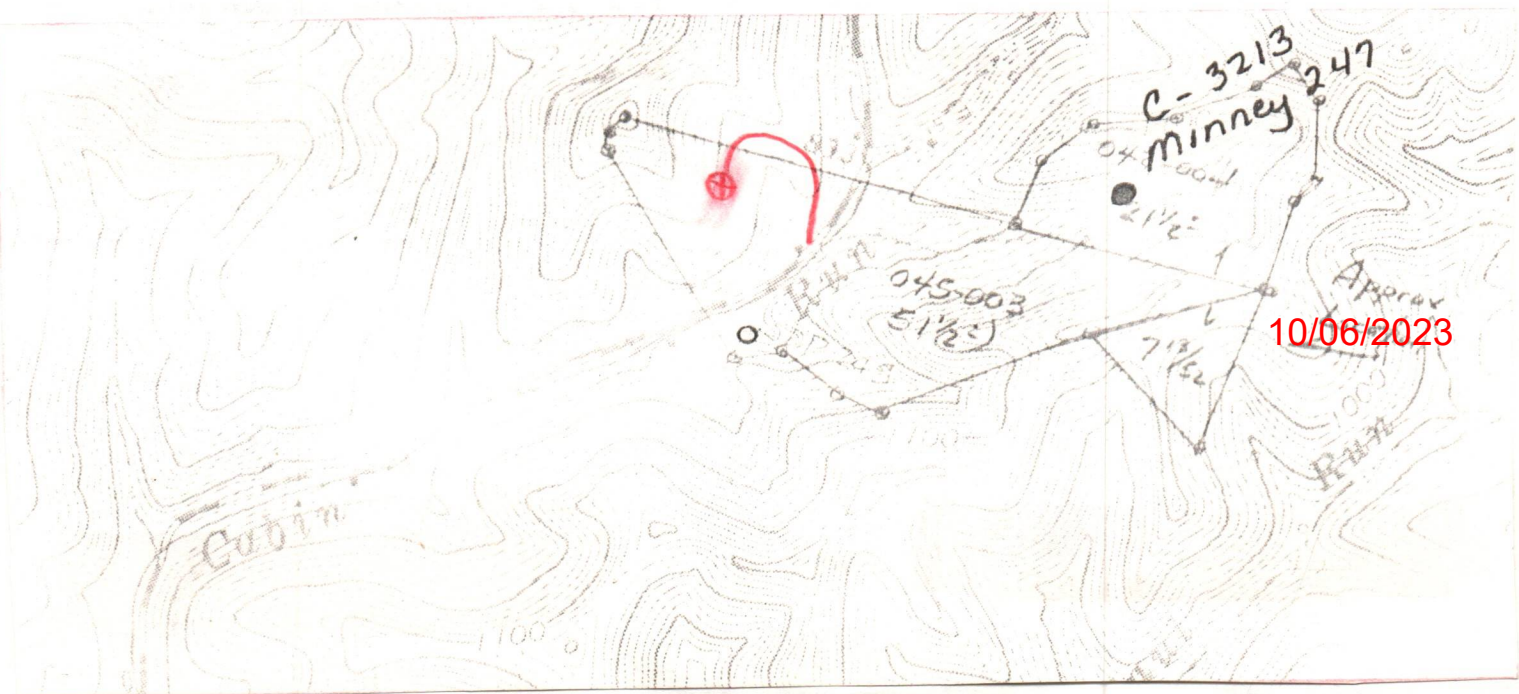
All structures should be inspected regularly and repaired if necessary.

Revegetation	
Treatment Area I <u>Location</u>	Treatment Area II <u>Slope Road</u>
Lime _____ Tons/acre	Lime _____ Tons/Acre
or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>
Fertilizer <u>600 lbs/acre</u>	Fertilizer <u>600 lbs/acre</u>
(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2 Tons/Acre</u>	Mulch <u>Hay</u> <u>2 Tons/Acre</u>
Seed* <u>Ky-31</u> <u>35 lbs/acre</u>	Seed* <u>Ky-31</u> <u>45 lbs/acre</u>
<u>Orchard</u> <u>15 lbs/acre</u>	<u>Ladino Clover</u> <u>5 lbs/acre</u>
<u>Ladino Clover</u> <u>5 lbs/acre</u>	

*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 Arnoldsburg 7.5'

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

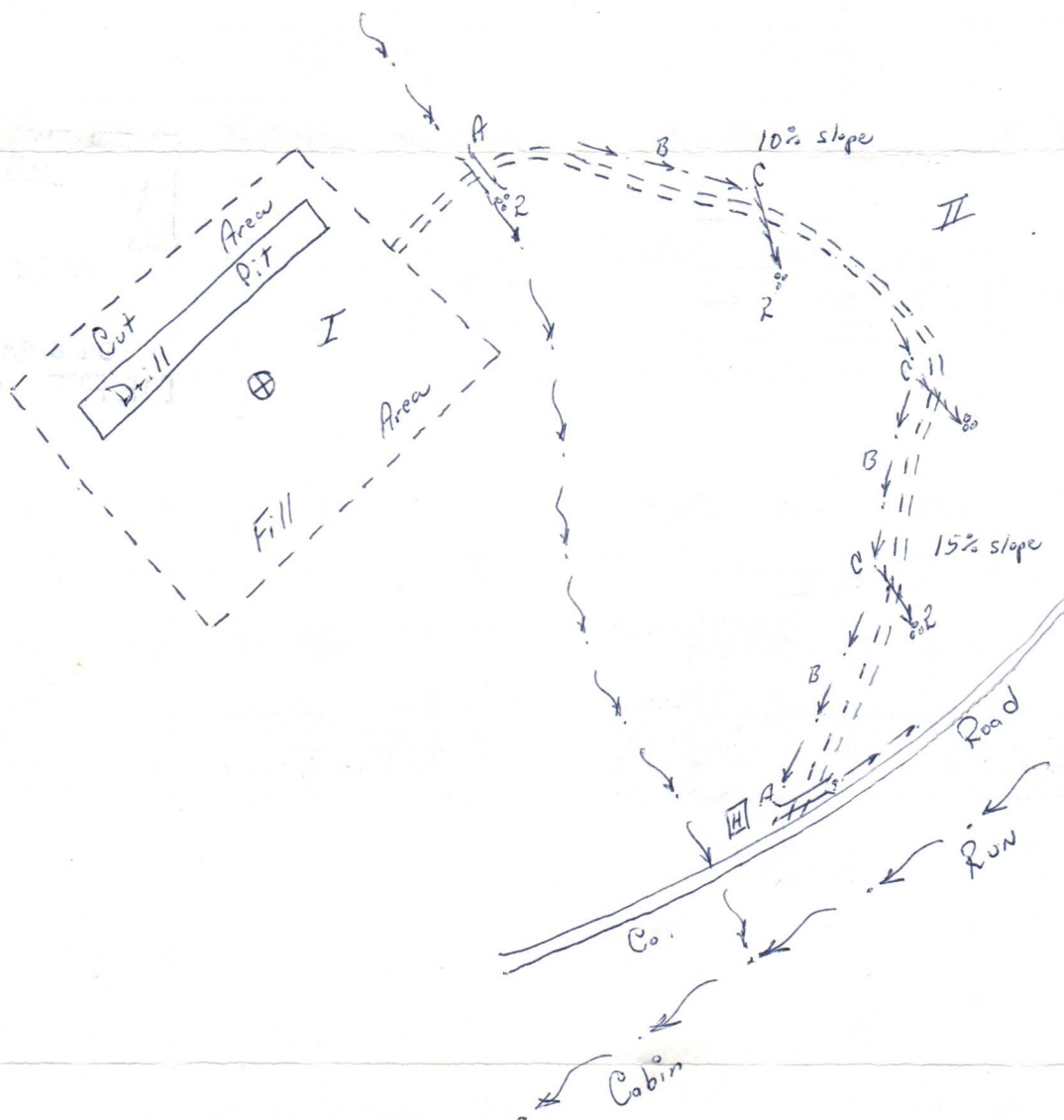


Well Site Plan

Legend: Property Boundary ———
 Road = = = =
 Existing Fence — x — x —
 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.



Commercial timber will be cut and stacked and all brush removed from road and location before grading.

Comments: Slope of well road ^{is 15% in lower section} does not exceed 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
 ADDRESS

10/06/2023

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

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

RECEIVED

JUL 27 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 13-3303

Oil or Gas Well _____
(KIND)

Company <u>Sterling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>R. Minney</u>	16			Kind of Packer _____
Well No. <u>248</u>	13			
District <u>Lee</u> County <u>Cal.</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			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 SAME FARM AS 13-3303 BUT,

Remarks: I CAN NOT FIND PERMIT FOR THIS LOCATION.

Culvert across creek did not carry all the water, as a result Philip Hickey's garden was washed out. Mrs. Hickey called about 6:30 PM 7-23-83; I was there 7:30 PM.

7-23-83

DATE

Des Man 10/06/2023

DISTRICT WELL INSPECTOR

10/06/2023

31

RECEIVED

DEC 13 1984



IV-35
(Rev 8-81)

OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date December 6, 1984
Operator's
Well No. 248
Farm Minney
API No. 47 - 013 - 3303-REI

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: 974.68' Watershed Cabin Run
District: Lee County Calhoun Quadrangle 7 1/2 Arnoldsburg

COMPANY Sterling Drilling & Production Co., Inc.

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

DESIGNATED AGENT Harry L. Berger, Jr.

ADDRESS Same

SURFACE OWNER P. Hickey

ADDRESS Arnoldsburg, WV 25234

MINERAL RIGHTS OWNER Rodney C. Minney

ADDRESS Shock, WV 26638

OIL AND GAS INSPECTOR FOR THIS WORK Deo Mace

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

PERMIT ISSUED December 6, 1983

DRILLING COMMENCED October 12, 1984

DRILLING COMPLETED October 20, 1984

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size			
20-16			
Cond.			
13-10"			
9 5/8	317'	317'	130 sks
8 5/8			
7	2151'	2151'	175 sks
5 1/2			
4 1/2		4884.7'	250 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5200' feet

Depth of completed well 4923'KB feet Rotary X / Cable Tools

Water strata depth: Fresh 67' feet; Salt 1550' feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 2514' - 4704' feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d

Final open flow 372 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 1050 psig (surface measurement) after 10/06/2023 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

CAL 3303

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

Perforations: 1st stage: 27 holes from 3986' to 4704'
 2nd stage: 20 holes from 3134' to 3859'
 3rd stage: 18 holes from 2514' to 3015'

Treatment: 1st stage: 1000 gals. of 15% HCL; 1,196 MSCF of N₂
 2nd stage: 1000 gals. of 15% HCL; 1,177.5 MSCF of N₂
 3rd stage: 850 gals. of 15% HCL; 1,701 MSCF of N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
					All depth from 10'KB
Sandstone and Shale			0'	804'	Fresh water @ 67'
Sandstone			804'	908'	
Shale			908'	973'	
Sandstone			973'	1155'	
Sandstone and Shale			1155'	1534'	Salt water @ 1550'
Salt Sand			1534'	1710'	
Shale			1710'	1759'	
Maxon			1759'	1777'	
Shale			1777'	1792'	
Little Lime			1792'	1818'	
Blue Monday			1818'	1835'	
Pencil Cave			1835'	1840'	
Big Lime			1840'	1974'	
Big Injun			1974'	2006'	
Siltstone and Shale			2006'	2321'	
Sunbury Shale			2321'	2336'	
Siltstone and Shale			2336'	2801'	
Shale			2801'	4662'	Top of Java formation @ 4495'
Siltstone			4662'	4698'	
Shale			4698'	4835'	Top of Angola shale @ 4704'
Siltstone			4835'	4904'	
					TD - 4923'

(Attach separate sheets as necessary)

Sterling Drilling and Production Co., Inc.

Well Operator

10/06/2023

By:

Harry J. Berger

Date:

12-7-84

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."

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

Operator: STERLING DRILLING & PROD. CO., INC. Agent: HARRY L. BERGER

Type Determination being sought - 107 (Devonian Shale)

API Well No.: 47-013-3303

Well Name: MINNEY # 248

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

County: CALHOUN

Vol. Page Line

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing $0.7 \times$ (Shale Base Line), (c) intervals with Gamma Ray units less than $0.7 \times$ (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 = 170 * API Units
2. Remarks:

B. Gamma Ray Log Value at $0.7 \times$ Value at Base Line

1. GR Value = 170 * API Units
2. Calculation: 0.7 (GR Value at Base Line)
 0.7 (170 *) = 119 API Units

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

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2300	4645	2345	35.17

Total Devonian Interval 2345

Total Less Than 0.7 (Shale Base)

% Less Than 0.7 (Shale Base Line) = 0.015 $\times 100 =$ 1.5%

35.17

35.17

10/06/2023

*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.
D.M.G.

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. Minney #248

API Well No.

47 - 013 - 3303-Ren
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 974.68'

WELL OPERATOR Sterling Drilling & Production Co Watershed Cabin Run

ADDRESS 710 Virginia Street, East
Charleston, WV 25301

Dist. Lee County Calhoun Quad. 7 1/2' Arndbg

Gas Purchase
Contract No.

GAS PURCHASER UNDEDICATED

Meter Chart Code

ADDRESS

Date of Contract

* * * * *

Date surface drilling began: October 12, 1984

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

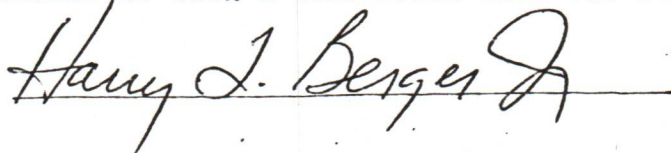
Bottom Hole Pressure. PSIA -- Pf = Pwe XLGS

$$t = 60 + (0.0075 \times 4923) + 459.67 = 557 \quad X = \frac{1}{53.34} \times 557 = 10.000337$$

$$Pf = 1050 \times 2.7183 \times 10.000337 \times 3609 \times .690 \times 1.07 = 1149 \text{ PSIA}$$

AFFIDAVIT

I, 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)(i) 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.



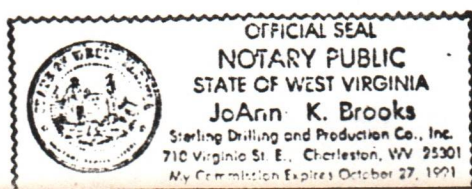
STATE OF WEST VIRGINIA

COUNTY OF Kanawha, TO-WIT:

I, 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 6th day of December, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 6th day of December, 1984.
My term of office expires on the 27 day of October, 1991.

(NOTARIAL SEAL)


Notary Public

P 522 051 983

POSTAGE WILL BE PAID BY ADDRESSEE

NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	
PHIL HICKEY	
Street and No.	
MINNORA, W. V.	
P.O., State and ZIP Code	
Postage	\$ 54
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1 89
Postmark or Date	

PS Form 3800, Feb. 1982

RECEIVED
SEP 27 1983
OIL & GAS DIVISION
DEPT. OF MINES

10/06/2023

RECEIVED

OCT - 3 1983

Rt 2 Box 98
Minnora, WV
25263

Phone 655-8901

OIL & GAS DIVISION
DEPT. OF MINES

September 30 1983

Office of Oil and Gas
Dept of Mines
1613 Washington St East
Charleston, WV
25311

Dear Sir

API No. 47-013-3303 and 47-013-3536

On September 6th I wrote a formal complaint to the Little Kanawha Soil Conservation District with a copy to your office concerning site preparation work that Sterling Oil and Gas Development Co. had done on our farm in June of this year. (Specifically: the access roads were too steep, no temporary vegetative cover had been applied, and no sediment barriers constructed.) Mr Mace inspected the sites and served violation notices on the Company. He required them to start reclamation by September 26th. As of today, no reclamation work has started.

I would like to make another formal complaint on these matters and I would be grateful if you would accept this letter as such.

On 27th September we received a copy of Sterling's permit renewal applications. We most certainly will have comments to make in respect of these applications, but first I would like to point out that we did not receive all the documents that the law requires Sterling to send us. Specifically, we received no "statement of the methods and time limits for filing comments, who may file," etc. (22-4-lm c). This was missing from both applications. Am I correct in assuming that our fifteen days' notice starts from the date we receive all the documents?

Philip Hickey
Philip Hickey

10/06/2023

RECEIVED

OCT - 3 1983

At 2 Box 98
Minneapolis, MN
55403

Phone 655-8301

DEPT. OF MINES
OIL & GAS DIVISION

September 30 1983

Office of Oil and Gas
Dept. of Mines
1015 Washington St East
Charleston, WV
25311

Dear Sir:

API No. 47-013-3503 and 47-013-3504

On September 28 I wrote a formal complaint to the District Conservation District with a copy to your office concerning site preparation work that started in June of this year. (Specifically, the access road on our farm in June of this year. (Specifically, the access road was too steep, no temporary vegetation cover was used, and no sediment barriers constructed.) It was inspected and the sites and served violation notices on the company. He refused them to start reclamation by September 28th. As of today, no reclamation work has started.

I would like to make another formal complaint on these matters and I would be grateful if you would accept this letter as such.

On September 28 we received a copy of your office's permit renewal application. We most certainly will have come to make in respect of these applications, but I would like to point out that we did not receive all the documents that the law requires. Specifically, we received no "statement of ownership and time limit for filing comments," as required by 25-4-1m (c). This was missing from both applications. I correct in assuming that our fifteen days' notice starts from the date we receive all the documents?

Philip Hickey
Philip Hickey

SURFACE OWNERS' COMMENTS

RECEIVED

OCT 11 1983

Surface owners: Philip Hickey
Nancy Hickey

OIL & GAS DIVISION
DEPT. OF MINES

Surface owners' address: Rt 2 Box 98 Minnora WV 25263

Surface owners' phone no: (304) 655 8901

Well operator: Sterling Drilling and Production Co Inc

Well number: 248 (formerly 47-013-3303)

Location of well: County - Calhoun
District - Lee
Watershed - Cabin Run

A permit for this well was issued in December 1982. Roadworks and site preparation were started on June 16 and completed on June 22 1983. However, the drilling was never done, and the permit expired on August 28. At that time we did not know that the permit had expired and on August 30 we wrote to Mr J Davis of Sterling asking, interaalia, that temporary vegetation be applied to all disturbed areas (as earthmoving had been stopped for more than two months), and that the grade on the access road be reduced to 20%. (In one place we had measured a grade of 33%.) We received no acknowledgment to this letter, so on September 6 we lodged a formal complaint with the Little Kanawha Soil Conservation District and the Office of Oil and Gas. On September 15 Mr Randall Jones, the Soil Conservation Officer, visited the site and agreed that temporary vegetation should have been applied. He also confirmed our grade measurement of 33%. On September 19 Mr D Mace, Oil and Gas Inspector, visited and posted a violation notice on the site. The notice required Sterling to begin reclamation work within one week. This was 17 days ago, and reclamation has not started yet.

On September 27 we received some documents from Sterling by certified mail. These documents relate to Sterling's application for a new permit to drill. However, the documents did not include the Surface Owner's Copy of Form IV-2(B). In its stead we received a photocopy of the File Copy of Form IV-2(B) and a photocopy of Form IV-2 (the old form). This substitution may have been accidental. We phoned Sterling on September 29 and the missing form arrived here by certified mail on September 30.

On Form IV-2(B) Sterling states that the drilling contractor is "Unknown at this time". This would seem to indicate that Sterling do not intend to drill this well in the near future. Otherwise one would think that they would have the driller lined up.

10/06/2023

RECEIVED

OCT 11 1983

DEPT. OF MINES
OIL & GAS DIVISION

Surface owners: Phillips Highway
Address: 1000 Highway

Surface owners' address: Rt 2 Box 1000 Highway W 10000

Surface owners' phone no: (304) 655 8901

Well operator: Sterling Drilling and Production Co Inc

Well number: 248 (formerly 41-01-3303)

Location of well: County - Calhoun
District - 100
T-10000 - 10000

A permit for this well was issued in December 1981. Roadwork and site preparation were started on June 10 and completed on June 12, 1982. However, the drilling was never done, and the permit expired on August 20. At that time we did not know that the permit had expired and on August 30 we wrote to Mr. Davis of Sterling asking that the permit be renewed. We also asked that the permit be renewed for more than two months, and that the grade on the access road be reduced to 20% (in one place we had measured a grade of 35%). We received no acknowledgment to this letter, so on September 8 we logged a formal complaint with the State Highway Soil Conservation District and the Office of Oil and Gas. On September 15 Mr. Michael Jones, the Soil Conservation Officer, visited the site and agreed that temporary vegetation should have been applied. He also confirmed our grade measurement of 35%. On September 17 Mr. Jones, Oil and Gas Inspector, visited and posted a violation notice on the site. The notice required Sterling to begin reclamation work within one week. This was 14 days ago, and reclamation has not started yet.

On September 21 we received a letter from the State Highway Soil Conservation District. These documents relate to Sterling's application for a new permit to drill. However, the documents did not include the Surface Owner's Copy of Form IV-2(b). In its place we received a photocopy of the State Copy of Form IV-2(b) and a photocopy of Form IV-2 (the old form). This substitution may have been accidental. We phoned Sterling on September 23 and the missing form arrived here by certified mail on September 30.

On Form IV-2(b) Sterling states that the drilling contractor is "unknown at this time". This would seem to indicate that Sterling does not intend to drill this well in the near future. Otherwise one would think that they would have the driller lined up.

10/06/2023

Rt 2 Box 98
Minnora, WV 25263
Phone 655-8901

February 19, 1985

Ms Margaret T Hasse
Petroleum Engineering Specialist
Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, WV
25311

RECEIVED
FEB 20 1985

OIL & GAS DIVISION
DEPT. OF MINES

Dear Margaret

Re: API 47-013-3303 and 47-013-3536

I was mistaken on Friday when I said "OG-1". I have checked our files, and the form we received was IV-2 (which I think is the one you had in mind). It had been several months since I looked at the forms and I had confused the numbers. However, I believe that my argument is no less valid. I am writing to the Administrator asking him to look into the matter, but I would like to put our arguments to you also and would be most grateful for your reaction.

Form IV-2(B) is a six-page self-carboning form. The surface owner's copy is the fifth copy down, and all six pages are attached together at the top. The reverse side of the surface owner's copy gives the surface owner's "bill of rights". In the guidelines your office has prepared for applicants you specifically make the point: "to avoid problems, make certain all surface owners required to receive notice receive both front and back of the copy".

But instead, we received a completed form IV-2. The two forms do have some similarities but in fact are not at all alike:

1. Form IV-2(B) is blue; IV-2 is white
2. Form IV-2(B) is eleven inches long; IV-2 is fourteen
3. Form IV-2(B) has 15 line items; IV-2 has 24
4. The lower third of the two forms bear not the slightest resemblance to each other
5. The reverse of Form IV-2(B) has the "bill of rights"; Form IV-2 does not
6. Form IV-2(B) does not require the designated agent's signature, whereas IV-2 does

contd

10/06/2023

Box 30
Minors, WV 25203
Phone 655-8901

February 19, 1985

RECEIVED

FEB 20 1985

DEPT. OF MINES
OIL & GAS DIVISION

Ms Margaret T Hassa
Petroleum Engineering Specialist
Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, WV
25311

Dear Margaret

Re: API 47-013-3303 and 47-013-3330

I was mistaken on Friday when I said "00-1". I have checked our files, and the form we received was IV-2 (which I think is the one you had in mind). It had been several months since I looked at the forms and I had confused the numbers. However, I believe that my argument is no less valid. I am writing to the Administrator asking him to look into the matter, but I would like to put our arguments to you also and would be most grateful for your reaction.

Form IV-2(b) is a six-page self-correcting form. The surface owner's copy is the fifth copy down, and all six pages are attached to each other at the top. The reverse side of the surface owner's copy gives the surface owner's "bill of rights". In the guidelines your office has prepared for applicants you specifically make the point: "to avoid problems, make certain all surface owners required to receive notice receive both front and back of the copy".

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3. Form IV-2(b) has 13 line items; IV-2 has 24
4. The lower third of the two forms bear not the slightest resemblance to each other
5. The reverse of form IV-2(b) has the "bill of rights"; Form IV-2 does not
6. Form IV-2(b) does not require the designated agent's signature, whereas IV-2 does

cc'd

10/06/2023

Date: June 24, 1985
Operator's Mining 248
Well Number 47 - 13 - 3303 PERM
API Well No.: State County Permit

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

NOTICE OF ABATEMENT

RECEIVED
JUL 3 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

WELL TYPE: Oil / Gas Liquid Injection / Waste disposal /
Underground
If "Gas" - Production / Storage / Deep / Shallow /
LOCATION: Elevation: Watershed: Cabin Run
District: Lee County: Calhoun Quadrangle:
WELL OPERATOR Sterling DESIGNATED AGENT Harry Berger
Address 710 Virginia St E
Charleston WV 25301

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on June 24, 1985,

The violation of Code § 22-4-12B heretofore found to exist on 2-23, 1985, by Form IV-27, "Notice of Violation" ✓ Form IV-28, "Imminent Danger Order" of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

Reclamation completed at this time is controlling erosion, even though reclamation does not conform to standards set forth in the soil & erosion manual. Specifically, not enough diversion ditches on road which may be required later.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Wes Mace
Oil and Gas Inspector

Address

Telephone

RECEIVED
FEB 26 1985

OIL & GAS DIVISION
DEPT. OF MINES

Rt 2 Box 98
Minnora, WV 25263

Phone 655-8901

February 22, 1985

Mr Theodore M Streit
Administrator
Office of Oil and Gas
West Virginia Department of Mines
Charleston, WV 25305

Dear Mr Streit

Re: API 47-013-3303 and 47-013-3536

1. Today I received your letter of February 19. I am not at all satisfied with the explanations you offer.

2. In your second paragraph you say, "Due to various communications problems, not all the laws were enforced as well as we would like to have them enforced in this case." I would be grateful if you would let me know exactly what are the communications problems, and in what way they have prevented your office from taking the appropriate action. The sequence of events in this matter was as follows:

a) Mr Mace visited the site on or about October 20, 1984. He found that the pits were almost full and told the person in charge to have them emptied. (This I know because Mr Mace himself told me.) He also, presumably, noticed that no provision had been made to divert surface water from the pits as is specifically required by the regulations.

b) On October 22 the pits overflowed, and several thousand gallons of toxic water were spilled on our pasture in the vicinity of our water source. I complained to your office and Mr Mace instructed the operators by phone to dike the pits. At nine o'clock that evening three workmen went onto the site and raised an earth dike around the pits.

c) On October 23 Mr Mace visited the site and said that he could not serve a violation because he did not actually witness the overflow and that the dike was containing the pit water at that time. I pointed out that the water was seeping through the dike and that the regulations prohibited seepage of pit water. I also pointed out that no provision had been made to divert surface water from the pits. But

contd

10/06/2023

RT 2 Box 98
Minners, WV 25853

Phone 655-8901

February 22, 1985

RECEIVED

FEB 26 1985

DEPT. OF MINES
OIL & GAS DIVISION

Mr. Theodore M. Streit
Administrator
Office of Oil and Gas
West Virginia Department of Mines
Charleston, WV 25305

Dear Mr. Streit:

Re: API 47-013-3303 and 47-013-3536

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satisfied with the explanations you offer.

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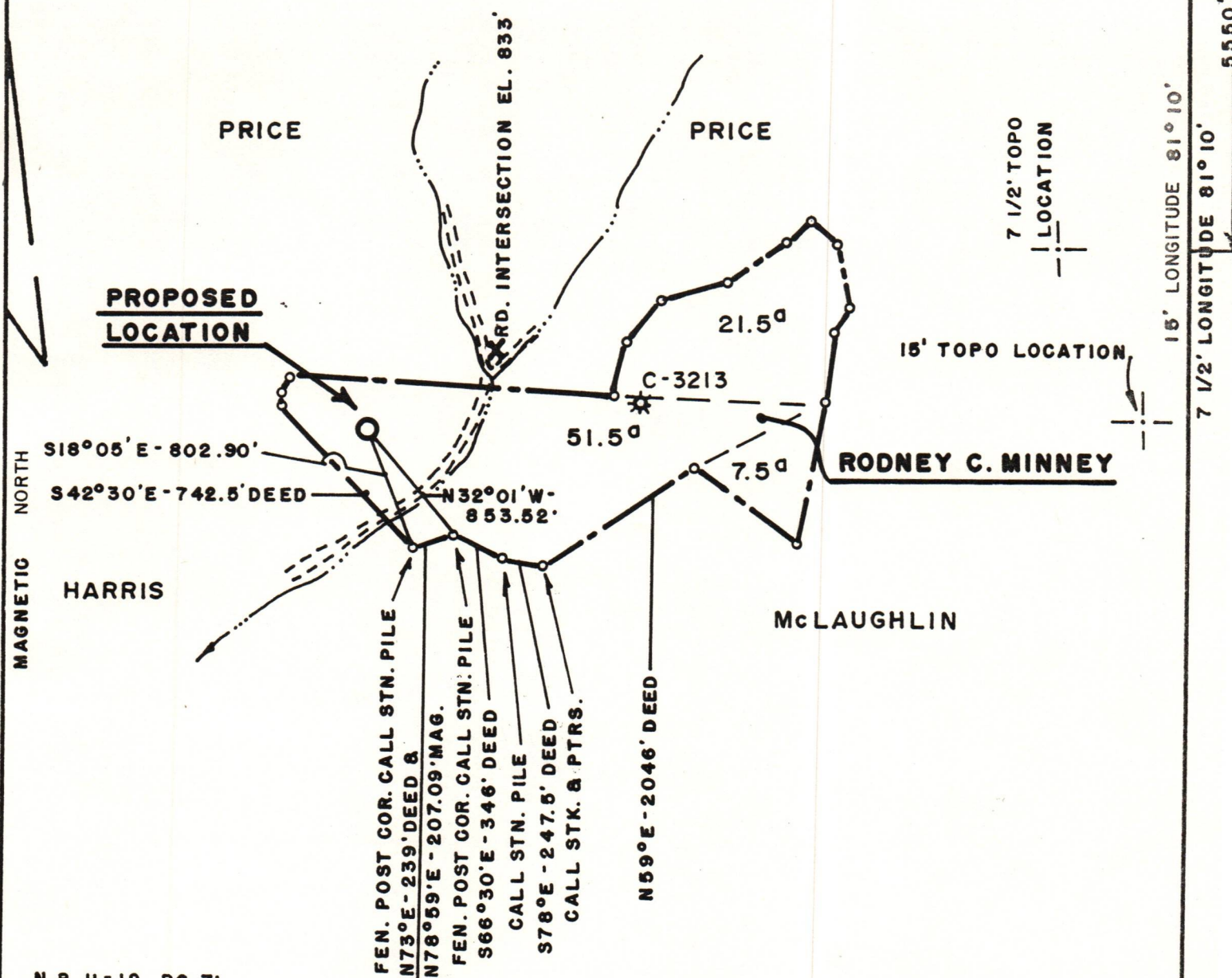
contd

10/06/2023

M.S. 12/27/82

7 1/2' LATITUDE 38°47'30"

15' LATITUDE 38°50'



N.B. H-12, PG. 71

FILE NO. 042-003

DRAWING NO. 58-C

SCALE 1"=1000'

MINIMUM DEGREE OF
ACCURACY 1:200

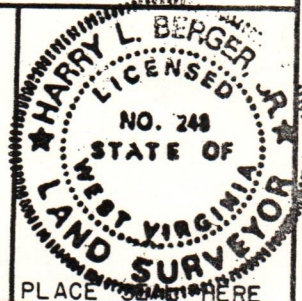
PROVEN SOURCE OF
ELEVATION U.S.G.S. DATA PT. RD.
INTER. SHOWN EL. 833'

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)

R.P.E.

L.L.S. 248



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

FORM IV-6

(8-78)



Department of Mines
Oil & Gas Division

DATE _____, 19____
OPERATOR'S WELL NO. 248-REV.
API WELL NO. 47-013-3303-Ren.
STATE COUNTY PERMIT

Revised Plat

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X)
LOCATION: ELEVATION 974.68' WATER SHED CABIN RUN
DISTRICT LEE COUNTY CALHOUN
QUADRANGLE 7 1/2' ARNOLDSBURG (ARNOLDSBURG S.W.)

SURFACE OWNER P. HICKEY ACREAGE 51.5
OIL & GAS ROYALTY OWNER RODNEY C. MINNEY LEASE ACREAGE 51.5
LEASE NO. 042-003

PROPOSED WORK: DRILL X 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 5200'
WELL OPERATOR STERLING DRILLING & PRODUCTION CO. AGENT HARRY L. BERGER
ADDRESS 360 MADISON AVE., 5 TH FLOOR ADDRESS 710 VIRGINIA ST. E.
NEW YORK, NY 10017 CHARLESTON, WV 25301

10/06/2023