

RECEIVED

SEP 28 1984



1) Date: September 18, 1984
 2) Operator's Well No. Starcher #1030
 3) API Well No. 47 - 013 - 3799
 State County Permit

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

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 773.12' / Watershed: Barnes Run / LKW16
 District: Lee / County: Calhoun / Quadrangle: 7.5' Arnoldsburg
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc DESIGNATED AGENT Harry L. Berger, Jr.
 Address 220 E. 42nd St. 33rd Floor / Address 710 Virginia St, E.
New York, New York 10017 / Charleston, W.V. 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Deo Mace
 Address Rt. 1 Box 5
Sandridge, W.V. 25274
- 9) DRILLING CONTRACTOR: Name UNKNOWN AT THIS TIME
 Address _____
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, BROWN SHALE
- 12) Estimated depth of completed well, 4725 feet
- 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: 0 Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	9 5/8	LS	33#	X		250'	250'	To Surface	<u>NEAT</u>
Coal									Sizes
Intermediate	7"	J-55	20#	X		1950'	1950'	100 sks	Depths set <u>as required by order 15.01</u>
Production	4 1/2	ERW	10.5#	X		4725'	4725'	250 sks	
Tubing									Top Bottom
Liners									

**OFFICE USE ONLY
DRILLING PERMIT**

Permit number 47-013-3799 Date October 10, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires October 10, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>148</u>	Agent: <u>MW</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>7888</u>
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Margaret J. Hase
 Administrator, Office of Oil and Gas

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



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OCT 10 1980

OFFICE USE ONLY

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

1) WELL OPERATOR: Sterling Drilling & Prod. Co., 220 E. 42nd St., 3rd Floor, New York, New York 10017

2) WELL LOCATION: 713-12, Westport, Fairfax Run, County, Calhoun, Virginia

3) WELL OPERATOR TO BE NOTIFIED: Name: UNKNOWN AT THIS TIME, Address: Rte. 1 Box 5, Sandridge, W.V. 25272

4) PROPOSED WELL WORK: Drilling of a new well

5) GEOLOGICAL LABEL INFORMATION: BROWN SHALE, 4752

6) CASING AND TUBING PROGRAM: 0

DEPTH (FEET)	DIAMETER (INCHES)	TYPE	START DATE	END DATE
0 - 100	8.0	Steel	10/10/80	10/10/80
100 - 200	8.0	Steel	10/10/80	10/10/80
200 - 300	8.0	Steel	10/10/80	10/10/80
300 - 400	8.0	Steel	10/10/80	10/10/80
400 - 500	8.0	Steel	10/10/80	10/10/80
500 - 600	8.0	Steel	10/10/80	10/10/80
600 - 700	8.0	Steel	10/10/80	10/10/80
700 - 800	8.0	Steel	10/10/80	10/10/80
800 - 900	8.0	Steel	10/10/80	10/10/80
900 - 1000	8.0	Steel	10/10/80	10/10/80

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason: _____
Reason: _____

148	10/10/80	10/10/80
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IV-9
(Rev 8-81)

DATE 9-15-84

WELL NO. Starcher # 1030

State of West Virginia

API NO. 47 - 013 - 3799

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Sterling Drilling & Prod. CODESIGNATED AGENT Sterling Drilling & Prod.

Address 360 Madison Ave.-NY, NY 10017

Address c/o H.L.Berger - Chas., WV

Telephone (212) 682-0204

Telephone (304) 342-0121

LANDOWNER Gail M. Cantley

SOIL CONS. DISTRICT Little Kanawha SCD

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

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 9/20/84 (Date)

Randall L. Atkinson
(SCD Agent)

ACCESS ROAD

LOCATION

Structure _____ (A)

Structure _____ (1)

Size _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

Structure Drainage Ditches (B)

Structure Rip-Rap (2)

Location _____

Material Rock

Page Ref. Manual _____

Page Ref. Manual 2-9

Structure Cross Drains (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

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OIL & GAS DIVISION
DEPT. OF MINES

REVEGETATION

Treatment Area I

Treatment Area II

Lime 2 Tons/acre
or correct to pH 6.5

Lime 2 Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2 Tons/acre

Mulch Hay or Straw 2 Tons/acre

Seed* Orchard Grass 15 lbs/acre

Seed* Orchard grass 15 lbs/acre

Red Clover 8 lbs/acre

Red Clover 8 lbs/acre

Alsike Clover 4 lbs/acre

Alsike Clover 4 lbs/acre

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

PLAN PREPARED BY Richard A. Campbell

ADDRESS Route 1, Box 30

Duck, WV 25063



PHONE NO. (304) 364-5780

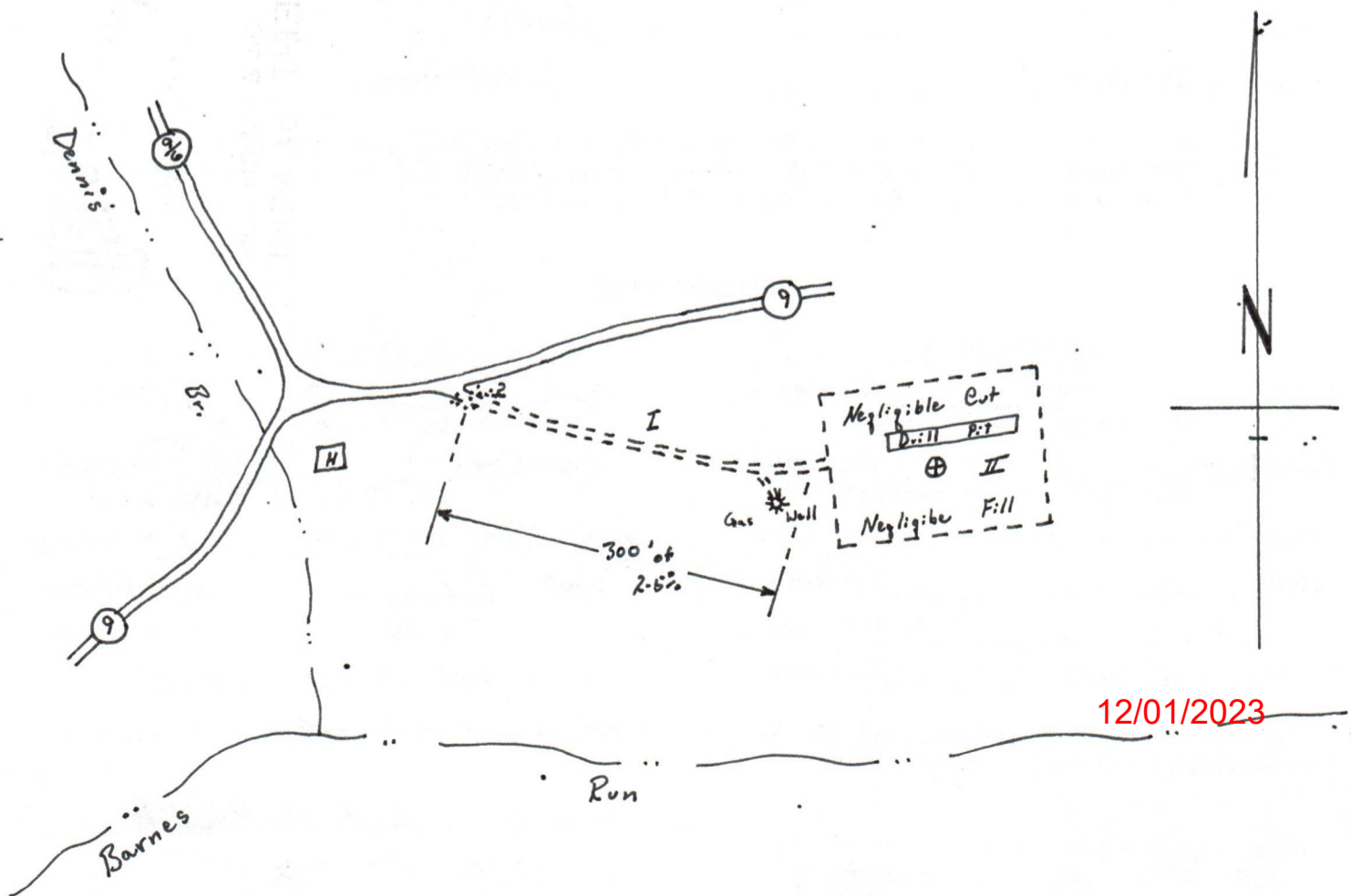
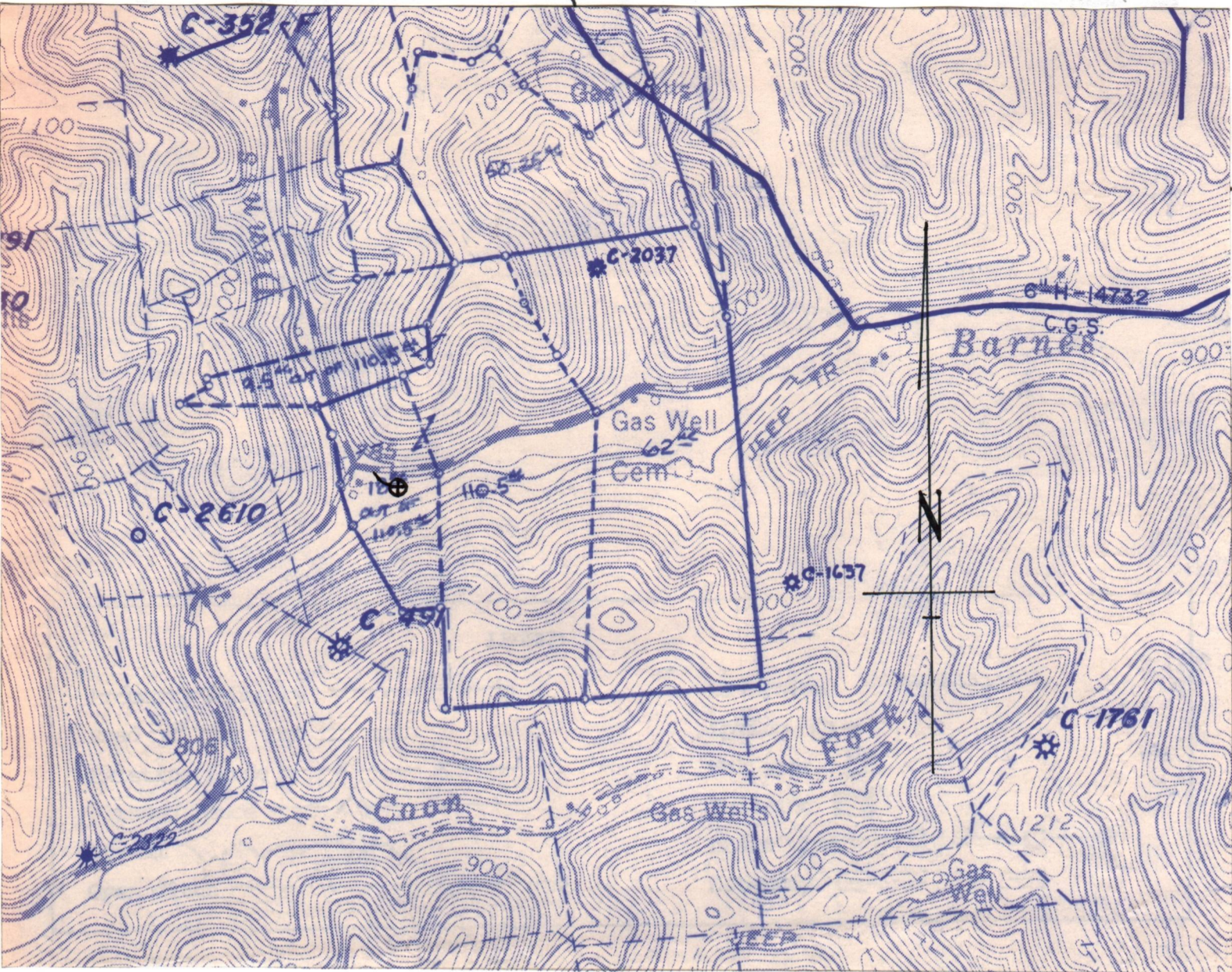
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

IV-9 REVERSE
(REV 8-81)

INVOLVED TOPOGRAPHIC MAP
QUADRANGLE 7 1/2' Arnoldsburg
Arnoldsburg SW

LEGEND

Well Site 
Access Road 



12/01/2023

1) Date: September 18, 1984
2) Operator's Well No. 1030
3) API Well No. 47-013-3799
State County Permit

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name Burlin R. Richards
Address Mt. Zion, W.V. 26151

(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 18 day of September, 19 84.

My commission expires May 10, 19 89.

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

WELL

OPERATOR Sterling Drilling & Prod. Co., Inc.

By Harry L. Berger
Its Designated Agent

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

Telephone 342 - 0121

DEPT. OF MINES
OIL & GAS DIVISION

RECEIVED
SEP 28 1984

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Clifford Starcher 1109 16th St. Vienna, W.V. 26106	Sterling Drilling and Production Co., Inc.	1/8	11/88



1) Date: September 18 18, 1984
 2) Operator's Well No. Starcher #1030
 3) API Well No. 47
 State _____ County _____ Permit _____

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OCT 09 1984

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

APPLICATION FOR A WELL WORK PERMIT

OIL & GAS DIVISION

DEPT. OF MINES

- 4) WELL TYPE: A Oil X Gas X
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 773.12' Watershed: Barnes Run
 District: Lee County: Calhoun Quadrangle: 7.5' Arnoldsburg
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc. 7) DESIGNATED AGENT James L. Warden, Jr.
 Address 220 E. 42nd St., 33rd Floor Address 715 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, 4725 feet
 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: 0 Is coal being mined in the area? Yes _____ / No X /
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	
Conductor								To Surface		
Fresh water	9 5/8	LS	33#	X		250'	250'			Sizes
Coal								100 sks		
Intermediate	7"	J-55	20#	X		1950'	1950'	250 sks		Depths set
Production	4 1/2	ERW	10.5#	X						
Tubing										Perforations:
Liners										Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

Burles Richard's Date: 10/4/84
 (Signature)

By _____

 (Signature)

Its _____ Date _____

 (Signature)

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

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

Where to file comments and obtain additional information:

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

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

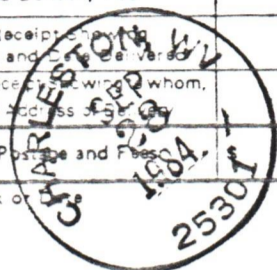
List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

1037
 P 522 056 717
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to MYRTLE M. WEAVER Street and No.	
P.O., State and ZIP Code MT. ZION, W.V. 26151	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address	
TOTAL Postage and Fees	
Postmark or Date	

PS Form 3800, Feb. 1982



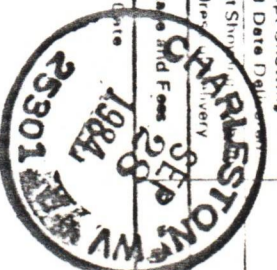
1014
 P 522 056 718
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

RECEIVED
 SEP 28 1984

OIL & GAS DIVISION
 DEPT. OF MINES

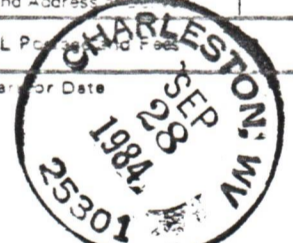
Sent to HOMER ROBERTS Street and No.	
P.O., State and ZIP Code SANDRIDGE, W.V. 25274	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address	
TOTAL Postage and Fees	
Postmark or Date	



1030
 P 522 056 719
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

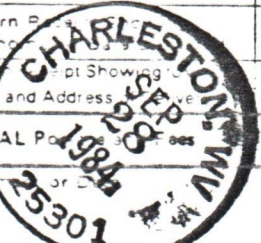
Sent to BURLIN RICHARDS Street and No.	
P.O., State and ZIP Code MT. ZION, W.V. 26151	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address	
TOTAL Postage and Fees	
Postmark or Date	



1031
 P 522 056 720
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to BURLIN R. RICHARDS Street and No.	
P.O., State and ZIP Code MT. ZION, W.V. 26151	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address	
TOTAL Postage and Fees	
Postmark or Date	

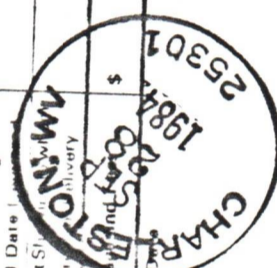


1043
 P 522 056 716
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to DONALD GUNN Street and No.	
P.O., State and ZIP Code MT. ZION, W.V. 26151	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address	
TOTAL Postage and Fees	
Postmark or Date	

PS Form 3800, Feb. 1982

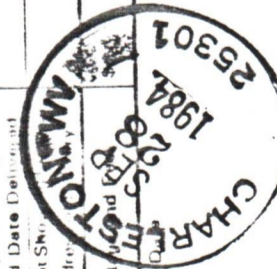


1038
 P 522 056 715
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to MERCEL HAY Street and No. 15 NW 10345 TRIP ROAD P.O., State and ZIP Code THORAVILLE, W.V. 26106	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address	
TOTAL Postage and Fees	
Postmark or Date	

PS Form 3800, Feb. 1982



1051
 P 522 056 723
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to JACQUES TRUDEL Street and No. BOX 117-L OTTOSTAR RT. SPENCER, W.V. 25276	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address	
TOTAL Postage and Fees	
Postmark or Date	

PS Form 3800, Feb. 1982





IV-35
(Rev 8-81)

Date May 23, 1985
Operator's Well No. 1030
Farm Starcher
API No. 47 - 013 - 3799

State of West Virginia
Department of Mines
Oil and Gas Division

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

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

LOCATION: Elevation: 773.12' Watershed Barnes Run
District: Lee County Calhoun Quadrangle Arnoldsburg 7 1/2'

COMPANY Sterling Drilling & Production Co., Inc.

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

DESIGNATED AGENT Harry L. Berger, Jr.

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

SURFACE OWNER Burlin R. Richards

ADDRESS Mt. Zion, WV 26151

MINERAL RIGHTS OWNER Clifford Starcher

ADDRESS 1109 16th St., Vienna, WV 26106

OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESS Sandridge, WV 25274

PERMIT ISSUED October 10, 1984

DRILLING COMMENCED November 27, 1984

DRILLING COMPLETED January 3, 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	251'	251'	100 sks.
8 5/8			
7	1933'	1933'	175 sks.
5 1/2			
4 1/2		5108'	290 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4725' feet

Depth of completed well 5132' KB feet Rotary X / Cable Tools _____

Water strata depth: Fresh ^{not} reported feet; Salt 1315' feet

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

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3192'-5067' feet

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

Final open flow 933 Mcf/d Final open flow show _____ Bbl/d

Time of open flow between initial and final tests 40 hours

Static rock pressure 880 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

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

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

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

(Continue on reverse side)

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

RECEIVED

JAN 3 - 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 13-3799

Oil or Gas Well _____
(KIND)

Company Sterling

Address _____

Farm Stoucher

Well No. 1030

District Sec County Cal

Drilling commenced 12-27-84

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 crack bed = 10' feet

Salt water _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Hunt /

Remarks:
251' of 9 5/8" casing, 100 sacks cement, Dowell, 12-28-84
15' of 16" conductor
filled with cement from top.
Did not circulate

12-28-84
DATE

Was Moore 12/10/2023
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 _____

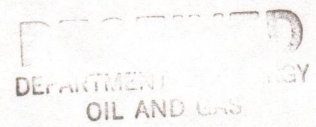
Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

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

DISTRICT NO. 12/04/2023



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

APR 23 1986



Company: STERLING DRILLING
Farm: RICHARDS, BURLIN

Well: 1030

Permit No. 47- 13-3799
County: CALHOUN

(10-10-84)

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	-----	-----
14.01	Well Records on Site	-----	-----
14.02	Well Records Filed	-----	-----
7.05	Identification Markings	-----	-----

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

SIGNED Des Mace
DATE 4-19-86

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.

Administrator

April 29, 1986

Date

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25302
FINAL INSPECTION REPORT
INSPECTOR'S COMPLIANCE REPORT

Well: 1030
Operator: RICHARDS, BURLIN

Permit No. 47-13-3799
County: CALHOUN

In Compliance
Yes No

Item	Description	In Compliance
10.05	Well Identification Markings	
10.04	Well Records Filed	
10.03	Well Records on Site	
10.02	Requirements for Production & Gathering Pipelines	
10.01	No Surface or Underground Pollution	
09.04	Reclaimed Drilling Fluid	
09.01	Necessary Equipment to Prevent Waste	
08.02	Maintained Access Roads	
08.01	Well Type	
07.04	Abundant Cement Strength	
07.01	Abundant Production Logging	
06.00	Abundant Coal Logging	
05.05	Abundant Fracture Logging	
05.01	Reclaimed fluids at wellsite	
04.03	High pressure drilling	
04.04	Tested before drilling to prevent waste	
04.05	Notification prior to starting work	

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

SIGNED: *[Signature]*
DATE: 11/17/2023

Your well record was received and reclassification requirements approved. In accordance with Chapter 52, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

[Signature]
Administrator

**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 - 3799 -																		
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<table style="width:100%; border: none;"> <tr> <td align="center" style="border: none;">107</td> <td style="border: none;"></td> </tr> <tr> <td align="center" style="border: none;">Section of NGPA</td> <td align="center" style="border: none;">Category Code</td> </tr> </table>	107		Section of NGPA	Category Code														
107																			
Section of NGPA	Category Code																		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5132 feet																		
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<table style="width:100%; border: none;"> <tr> <td colspan="2" style="border: none;"><u>Sterling Drilling and Production Co. Inc.</u></td> <td align="right" style="border: none;">018084</td> </tr> <tr> <td style="border: none;">Name</td> <td colspan="2" style="border: none;">Seller Code</td> </tr> <tr> <td colspan="3" style="border: none;"><u>710 Virginia St. East, Arcade Building</u></td> </tr> <tr> <td colspan="3" style="border: none;">Street</td> </tr> <tr> <td colspan="3" style="border: none;"><u>Charleston, WV 25301</u></td> </tr> <tr> <td style="border: none;">City</td> <td style="border: none;">State</td> <td style="border: none;">Zip Code</td> </tr> </table>	<u>Sterling Drilling and Production Co. Inc.</u>		018084	Name	Seller Code		<u>710 Virginia St. East, Arcade Building</u>			Street			<u>Charleston, WV 25301</u>			City	State	Zip Code
<u>Sterling Drilling and Production Co. Inc.</u>		018084																	
Name	Seller Code																		
<u>710 Virginia St. East, Arcade Building</u>																			
Street																			
<u>Charleston, WV 25301</u>																			
City	State	Zip Code																	
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<table style="width:100%; border: none;"> <tr> <td colspan="2" style="border: none;"><u>Lee District</u></td> </tr> <tr> <td colspan="2" style="border: none;">Field Name</td> </tr> <tr> <td colspan="2" style="border: none;"><u>Calhoun</u></td> </tr> <tr> <td colspan="2" style="border: none;">County</td> </tr> <tr> <td style="border: none;">State</td> <td style="border: none;">WV</td> </tr> </table>	<u>Lee District</u>		Field Name		<u>Calhoun</u>		County		State	WV								
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<u>Calhoun</u>																			
County																			
State	WV																		
(b) For OCS wells:	<table style="width:100%; border: none;"> <tr> <td style="border: none;">Area Name</td> <td style="border: none;">Block Number</td> </tr> <tr> <td colspan="2" style="border: none;">Date of Lease:</td> </tr> <tr> <td align="center" style="border: none;"> <table style="border: none;"> <tr> <td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td><td style="border: none;">Day</td><td style="border: none;">Yr.</td><td colspan="3" style="border: none;"></td> </tr> </table> </td> <td style="border: none;">OCS Lease Number</td> </tr> </table>	Area Name	Block Number	Date of Lease:		<table style="border: none;"> <tr> <td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td><td style="border: none;">Day</td><td style="border: none;">Yr.</td><td colspan="3" style="border: none;"></td> </tr> </table>							Mo.	Day	Yr.				OCS Lease Number
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Mo.	Day	Yr.																	
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Starcher #1030</u>																		
(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.)	<table style="width:100%; border: none;"> <tr> <td align="center" colspan="2" style="border: none;">UNDEDICATED</td> </tr> <tr> <td style="border: none;">Name</td> <td style="border: none;">Buyer Code</td> </tr> </table>	UNDEDICATED		Name	Buyer Code														
UNDEDICATED																			
Name	Buyer Code																		
(b) Date of the contract:	<table style="width:100%; border: none;"> <tr> <td align="center" style="border: none;"> <table style="border: none;"> <tr> <td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td><td style="border: none;">Day</td><td style="border: none;">Yr.</td><td colspan="3" style="border: none;"></td> </tr> </table> </td> </tr> </table>	<table style="border: none;"> <tr> <td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td><td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td><td style="border: none;">Day</td><td style="border: none;">Yr.</td><td colspan="3" style="border: none;"></td> </tr> </table>							Mo.	Day	Yr.								
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Mo.	Day	Yr.																	
(c) Estimated total annual production from the well:	27.9 Million Cubic Feet																		

		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>5.982</u>	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>5.982</u>	-----	-----	-----

9.0 Person responsible for this application:	<table style="width:100%; border: none;"> <tr> <td style="border: none;"><u>Harry L. Berger, Jr.</u></td> <td style="border: none;">Designated Agent</td> </tr> <tr> <td style="border: none;">Name</td> <td style="border: none;">Title</td> </tr> <tr> <td colspan="2" style="border: none;"> </td> </tr> <tr> <td style="border: none;">Signature</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;"><u>May 23, 1985</u></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Date Application is Completed</td> <td style="border: none;"></td> </tr> </table>	<u>Harry L. Berger, Jr.</u>	Designated Agent	Name	Title			Signature		<u>May 23, 1985</u>		Date Application is Completed	
<u>Harry L. Berger, Jr.</u>	Designated Agent												
Name	Title												
Signature													
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Date Received by FERC													
304-342-0121	12/01/2023												
Phone Number													

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

47-013-3799

Date: May 23, 19 85

47550

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

850529 -1073-013- 3799

Gas Purchaser Contract No. _____

Use Above File Number on all
Communications Relating to This Well

Date of Contract _____
(Month, day and year)

SDP #1030

First Purchaser: _____
UNDEDICATED P 629

Designated Agent: Harry L. Berger, Jr.

Address: _____
(Street or P.O. Box)
(City) (State) (Zip Code)

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

FERC Seller Code 018084

FERC Buyer Code _____

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

Name: Harry L. Berger, Jr.

Agent

Signature: _____

Harry L. Berger, Jr.
(Print)

(Title)

Address: _____

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

Charleston, WV 25301

Telephone: _____

{ 304 } 342-0121
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

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

- 103 New Onshore Production Well
- 103 New Onshore Production Well

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

AGENCY USE ONLY

QUALIFIED 121012023

RECEIVED

MAY 29 1985

OIL & GAS DIV.
DEPT. OF MINES

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

Operator: Sterling Drilling & Production Co. Agent: Harry L. Berger, Jr.

Type Determination being sought - 107 (Devonian Shale)

API Well No.: 47-013-3794 Well Name: #1030 Starcher

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

Vol. Page Line

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

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 170 * API Units
2. Remarks:

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

1. GR Value = 119 * API Units
2. Calculation: $\frac{0.7 \text{ (GR Value at Base Line)}}{0.7 \text{ (170 *)}} = \underline{119}$ API Units.

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

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2190	5120'	2930'	72

Total Devonian Interval 2930'

Total Less Than 0.7 (Shale Base)

% Less Than 0.7 (Shale Base Line) = $\frac{0.0245}{100} \times 100 = \underline{2.5\%}$

72
12/01/2023

*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.

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. Starcher #1030

API Well No.

47 - 013 - 3799
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 773.12'

WELL OPERATOR Sterling Drilling & Production Co Watershed Barnes Run

ADDRESS 710 Virginia Street, East Dist. Lee County Calhoun Quad. Arnbq 7 1/2'
Charleston, WV 25301

Gas Purchase
Contract No. _____

GAS PURCHASER UNDEDICATED

Meter Chart Code _____

ADDRESS _____

Date of Contract _____

* * * * *

Date surface drilling began: November 27, 1984

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

Bottom Hole Pressure. PSIA -- Pf = Pwe XLGS

$t = 60 + (0.0075 \times 5132) + 459.67 = 558$. $X = \frac{1}{53.34} \times \frac{558}{1} = .0000336$

$Pf = 880 \times 2.7183 \times .0000336 \times 4130 \times 1690 \times 1.07 = 975$ 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)(1) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Harry L. Berger, Jr.

STATE OF WEST VIRGINIA

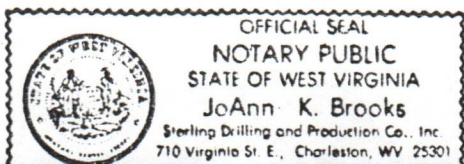
COUNTY OF Kanawha, TO-WIT:

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 23rd day of May, 1985, has acknowledged the same before me, in my county aforesaid.

12/01/2023

Given under my hand and official seal this 23rd day of May, 1985.
My term of office expires on the 27th day of October, 1991.

(NOTARIAL SEAL)



JoAnn K Brooks
Notary Public

ML 10/10/84

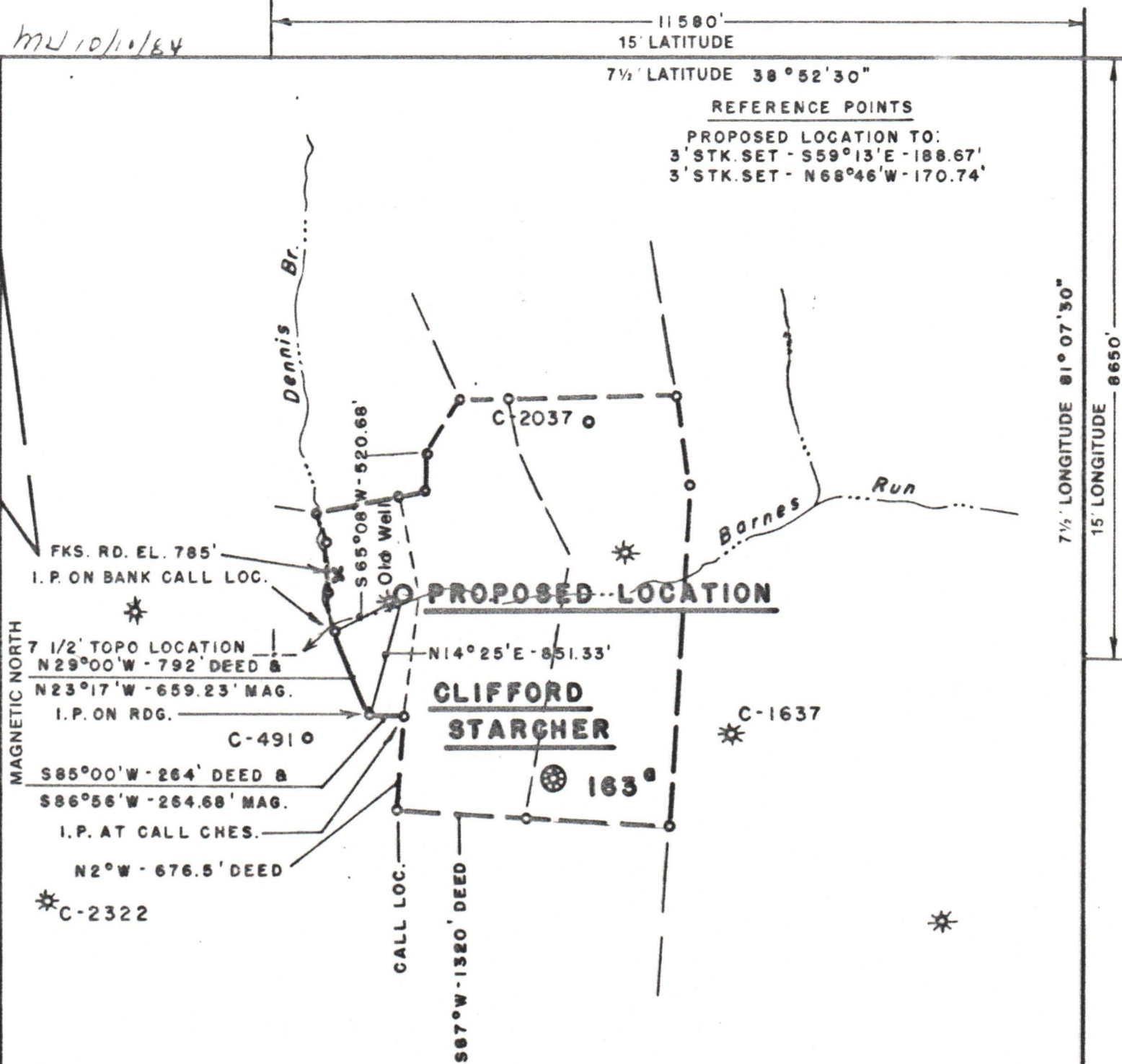
11580'
15' LATITUDE

7 1/2' LATITUDE 38° 52' 30"

REFERENCE POINTS

PROPOSED LOCATION TO:
3' STK. SET - S59°13'E - 188.67'
3' STK. SET - N68°46'W - 170.74'

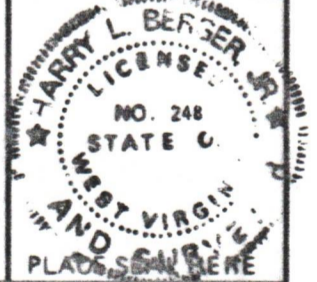
MAGNETIC NORTH



H-30, PG. 11

FILE NO. 042-205
MAP NO. 58-C
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION U.S.G.S. DATA FKS. RD. SHOWN EL. 785'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) Harry L. Berger, Jr.
HARRY L. BERGER, JR. L.L.S. 248



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



DATE AUG. 27, 19 84
OPERATOR'S WELL NO. 1030
API WELL NO. 47-013-3799
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL S
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 773.12' WATERSHED BARNES RUN
DISTRICT LEE COUNTY CALHOUN
QUADRANGLE 7 1/2' ARNOLDSBURG (ARNOLDSBURG S.W)
SURFACE OWNER BURLIN R. RICHARDS ACREAGE 91.69
OIL & GAS ROYALTY OWNER CLIFFORD STARCHER LEASE ACREAGE 163
LEASE NO. 042-205
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

12/01/2023

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION BROWN SHALE ESTIMATED DEPTH 4725'
OPERATOR STERLING DRILLING & PRODUCTION CO. INC. AGENT HARRY L. BERGER
ADDRESS 360 MADISON AVE. - 5TH FLOOR ADDRESS 710 VIRGINIA ST. E.
NEW YORK, N.Y. 10017 CHARLESTON, W V 25301