



1) Date: October 7, 19 82
 2) Operator's Well No. Goebel #691
 3) API Well No. 47 087 3697
 State County Permit

DRILLING CONTRACTOR:

UNKNOWN

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

AT THIS TIME

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1002.84' Watershed: Rush Fork of Pocatalico River
 District: Smithfield County: Roane Quadrangle: 7.5' Looneyville
- 6) WELL OPERATOR Sterling Drilling & Prod., Co., Inc DESIGNATED AGENT HARRY L. BERGER, JR.
 Address 360 Madison Ave., Fifth Floor Address 710 VIRGINIA ST., E.
New York, New York 10017 CHAS., W.V. 25301
- 7) OIL & GAS ROYALTY OWNER Charles Goebel, et al
 Address #3 Keiffer Dr.
St. Albans, W.V.
 Acreage 57
- 8) SURFACE OWNER Charles Goebel
 Address Same
36
 Acreage 36
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Homer H. Dougherty
 Address Linden Rt. Box 3 - A
Looneyville, W.V. 25259
- 11) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 12) COAL OPERATOR UNOPERATED
 Address
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name UNKNOWN
 Address
 Name
 Address
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name
 Address
- 16) GEOLOGICAL TARGET FORMATION, BROWN SHALE
- 17) Estimated depth of completed well, 3000 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 0

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 NOV 11 1982
 OIL & GAS DIVISION
 DEPT. OF MINES

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		
Conductor									
Fresh water	9 5/8	LS	33#	X		250'	250'	To Surface	Kinds
Coal									Sizes
Intermediate	7"	J-55	20#	X		2250'	2250'	100 sks	Depths set
Production	4 1/2"	ERW	10.5	X			5000'	250 sks	Perforations:
Tubing									Top Bottom
Liners									

- 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
DRILLING PERMIT

Permit number 47-087-3697 Date November 5 09/15/2023

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 July 5, 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. Fee: 3567

Administrator, Office of Oil and Gas

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

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

09/15/2023

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

Date: _____, 19_____

By _____
Its _____



1) Date: October 6, 19 83
 2) Operator's Well No. 691 - Ren.
 3) API Well No. 47 - 087 - 3697-REN
 State County Permit

FORMERLY 47 - 087 - 3697

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: 1002.84' Watershed: Rush Fork of Pocatalico River
 District: Smithfield County: Roane Quadrangle: 7.5' Looneyville
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc. DESIGNATED AGENT Harry L. Berger, Jr.
 Address 360 Madison Ave. Fifth Floor Address 710 Virginia St. E.
New York, New York 10017 Charleston, W.V. 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Homer H. Dougherty
 Address Linden Rt. Bx 3 - A
Looneyville, W.V. 25259
- 9) DRILLING CONTRACTOR: Name UNKNOWN AT THIS TIME
 Address _____
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, BROWN SHALE
 12) Estimated depth of completed well, 5000 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

RECEIVED
 OCT 18 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		
Conductor									
Fresh water	9 5/8	LS	33#	X		250'	250'	To Surface	Kinds <u>By Rule 15.05</u>
Coal									Sizes
Intermediate	7"	J-55	20#	X		2250'	2250'	100 sks	Depths set
Production	4 1/2	ERW	10.5#	X			5000'	250 sks	Perforations:
Tubing									Top Bottom
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-087-3697-REN Date October 26, 19 83

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

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires October 26, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
ANKET BOND	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>5663</u>

[Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) WELL LOCATION: District: Putnam County: Putnam Township: Putnam Elevation: 1000 ft. Production: Oil & Gas B (Oil & Gas, Production) C (Water, Production) D (Shallow) E (Deep) F (Underground Storage)

2) WELL OPERATOR: Name: Putnam Coal & Lumber Co., Inc. Designated Agent: Steve L. Bennett, Jr. Address: 710 Virginia St. E., Charleston, W. Va. 25301

3) DRILLING CONTRACTOR: Name: Putnam Coal & Lumber Co., Inc. Address: 710 Virginia St. E., Charleston, W. Va. 25301

4) PROPOSED WELL WORK: Plug off old formation Drill off old formation Drill Drill deeper Re-drill Ream Ream and cement Cement Cement and packer Other physical change in well (specify): None

5) GEOLOGICAL TARGET FORMATION: Putnam SHALE

6) ESTIMATED DEPTH OF COMPLETED WELL: 1000 feet

7) APPROXIMATE NATURAL GAS DEPTH: 1000 feet

8) APPROXIMATE COAL BEAN DEPTH: 1000 feet

9) CASING AND TUBING PROGRAM: Casing or Tubing Type: 2 1/2" x 12.75 lb/ft Size: 2 1/2" Weight: 12.75 lb/ft Per ft: 12.75 Yes No For drilling Left in well

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OCT 18 1983

DEPT. OF MIN.
OIL & GAS DIVISION

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason: _____

Reason: _____

Agent	Permit	County	File
<u>Steve L. Bennett, Jr.</u>	<u>1000</u>	<u>Putnam</u>	<u>1000</u>

MARKET BOND

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



1) Date: October 6, 19 83

2) Operator's Well No. 691 - Ren.

3) API Well No. 47
State _____ County _____ Permit _____

FORMERLY 47 - 087 - 3697

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

- 4) WELL TYPE: A Oil _____ / Gas X /
B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1002.84' Watershed: Rush Fork of Pocatalico River
District: Smithfield County: Roane Quadrange: 7.5' Looneyville
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc. DESIGNATED AGENT Harry L. Berger, Jr.
Address 360 Madison Ave. Fifth Floor Address 700 Virginia St. E.
New York, New York 10017 Charleston, W.V. 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Homer H. Dougherty Name UNKNOWN AT THIS TIME
Address Linden Rt. Box 3 - A Address _____
Looneyville, W.V. 25259
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate _____
Plug off old formation _____ / Perforate new formation _____
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, BROWN SHALE
- 12) Estimated depth of completed well, 5000 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	Sizes
Conductor										
Fresh water	<u>9 5/8</u>	<u>LS</u>	<u>33#</u>	<u>X</u>		<u>250'</u>	<u>250'</u>	<u>To Surface</u>		<u>By Well 2265</u>
Coal										
Intermediate	<u>7"</u>	<u>J-55</u>	<u>20#</u>	<u>X</u>		<u>2250'</u>	<u>2250'</u>	<u>100 sks</u>		
Production	<u>4 1/2</u>	<u>FRW</u>	<u>10.5#</u>	<u>X</u>			<u>5000'</u>	<u>250 sks</u>		Depths set
Tubing										
Liners										Perforations: Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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

WAIVER

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

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

09/15/2023
Coal Owner

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

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

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

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

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Charles E. & Betty Goebel #3 Keiffer Dr. St. Albans, W.V.	Sterling Drilling and Production Co., Inc.	1/8	169 / 302

1) Date: September 22, 1983
2) Operator's Well No. 691
3) API Well No. 47
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 Charles Goebel
Address #3 Keiffer Dr.
St. Albans, W.V.
- (ii) Name _____
Address _____
- (iii) Name _____
Address _____

5(i) COAL OPERATOR UNOPERATED
Address _____

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

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

RECEIVED

OCT 18 1983

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

OIL & GAS DIVISION
DEPT. OF MINES

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 22 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
Its Designated Agent

Address 710 Virginia St., E.

Charleston, W.V. 25301

Telephone 342 - 0121

09/15/2023

RECEIVED
OCT 19 1983



1) Date: October 6, 19 83
2) Operator's Well No. 691 - Ren.
3) API Well No. 47 State _____ County _____ Permit _____

FORMERLY 47 - 887 - 3697

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

- 4) WELL TYPE: A Oil _____ / Gas X /
B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1002.84' Watershed: Rush Fork of Pocatalico River
District: Smithfield County: Roane Quadrangle: 7.5' Looneyville
- 6) WELL OPERATOR Sterling Drilling & Prod. Co., Inc. ADDRESS 360 Madison Ave. Fifth Floor
New York, New York 10017
- 7) DESIGNATED AGENT Harry L. Berger, Jr.
700 Virginia St. E.
Charleston, W.V. 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Homer H. Dougherty
Address Linden Rt. Box 3 - A
Looneyville, W.V. 25259
- 9) DRILLING CONTRACTOR: Name UNKNOWN AT THIS TIME
Address _____
- 10) PROPOSED WELL WORK: Drill 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, 5000 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	Sizes
Conductor										
Fresh water	<u>9 5/8</u>	<u>LS</u>	<u>33#</u>	<u>X</u>		<u>250'</u>	<u>250'</u>	<u>To surface</u>		
Coal										
Intermediate	<u>7"</u>	<u>J-55</u>	<u>20#</u>	<u>X</u>		<u>2250'</u>	<u>2250'</u>	<u>100 sks</u>		
Production	<u>4 1/2</u>	<u>ERW</u>	<u>10.5#</u>	<u>X</u>			<u>5000'</u>	<u>250 sks</u>		
Tubing										
Liners										

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
By _____
Its _____ Date _____

Charles E. Goebel Date: 10/13/83
(Signature)
Betty Goebel Date: 10/13/83
(Signature)

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

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

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

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

Where to file comments and obtain additional information:

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

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

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

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

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

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

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

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

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

LESSOR INDEX

BETTY & CHARLES E. GOEBEL

VIRGINIA & FRENCH GOODWIN

KENNA BOYLES

CARL GORDON BOYLES

09/15/2023

Roan-3693

STERLING DRILLING AND PRODUCTION CO., INC.

ARCADE BUILDING
710 VIRGINIA STREET EAST
CHARLESTON, WEST VIRGINIA 25301
(304) 842-0121

State of West Virginia
Department of Mines
Office of Oil and Gas
Charleston, W.V. 25311

Date 10/8/82

SUBJECT: Oil and Gas Well Permit Application

REFERENCE: Extraction Rights

COMPLIANCE: Code 22-4-1-(C)

Sterling Drilling and Production Co., Inc. Well Number 690

Lease Number 095-067 Acreage 29

Lease Date 4/30/82 Recording Date 6/3/82

Recorded in Book 166 at Page 675

LESSOR INDEX ON REVERSE SIDE

LOCATION: SMITHFIELD District of ROANE County

WATERSHED: RUSH FORK OF POCATALICO RIVER

QUADRANGLE: 7.5' LOONEYVILLE

AFFIDAVIT

I, HARRY L. BERGER, JR., an authorized representative of Sterling Drilling and Production Co., Inc., hereby certify that the above information is true and that the owner or owners of the minerals underlying the above described tract will receive minimum one eighth (1/8) royalty payments from any producing oil and / or gas well drilled thereon under this contract.

Signed: Harry L. Berger, Jr.
Authorized representative

Notary: David M. Gillespie

My Commission Expires 5/10/89

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OIL & GAS DIVISION
DEPT. OF MINES

09/15/2023

LESSOR INDEX

CHARLES E. & BETTY T. GOEBEL

STERLING DRILLING AND PRODUCTION CO., INC.

ARCADE BUILDING
710 VIRGINIA STREET EAST
CHARLESTON, WEST VIRGINIA 25301

(304) 342-0121

State of West Virginia
Department of Mines
Office of Oil and Gas
Charleston, W.V. 25311

Date 10/8/82

SUBJECT: Oil and Gas Well Permit Application

REFERENCE: Extraction Rights

COMPLIANCE: Code 22-4-1-(C)

Sterling Drilling and Production Co., Inc. Well Number 691

Lease Number 095-073 Acreage 57

Lease Date 8/2/82 Recording Date _____

Recorded in Book _____ at Page _____

LESSOR INDEX ON REVERSE SIDE

LOCATION: SMITHFIELD District of ROANE County

WATERSHED: RUSH FORK OF POCATALICO RIVER

QUADRANGLE: 7.5' LOONEYVILLE

AFFIDAVIT

I, HARRY L. BERGER, JR., an authorized representative of Sterling Drilling and Production Co., Inc., hereby certify that the above information is true and that the owner or owners of the minerals underlying the above described tract will receive minimum one eighth (1/8) royalty payments from any producing oil and / or gas well drilled thereon under this contract.

Signed: Harry L. Berger, Jr.
Authorized representative

Notary: David M. Gillespie

My Commission Expires 5/10/89

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DEPT. OF MINES

09/15/2023



DATE 9-13-82
WELL NO. Charles E. Goebel #699
API NO. 47-087-369B
7

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Sterling Drilling & Prod. Co WELL OPERATOR Sterling Drilling & Prod. Co
Address 360 Madison Ave. - NY, NY 10017 Address c/o H.L. Berger - Chars., WV
Telephone (212) 949-9100 Telephone (304) 342-0121

LANDOWNER Charles E. Goebel 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: 9-13-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure _____	Structure <u>Diversion Ditch</u> (1)
Spacing _____	Material <u>Earthen</u>
Page Ref. Manual _____	Page Ref. Manual <u>R-12</u>
Structure <u>Drainage Ditches</u>	Structure <u>Rip-Rap</u> (2)
Spacing _____	Material <u>Rock</u>
Page Ref. Manual <u>R-12</u>	Page Ref. Manual <u>N/A R-9</u>
Structure <u>Cross Ditches</u> (C)	Structure _____ (3)
Spacing <u>135'</u>	Material _____
Page Ref. Manual <u>R-4</u>	Page Ref. Manual _____

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OIL & GAS DIVISION
DEPT. OF MINES

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

REVEGETATION

Treatment Area I	Treatment Area II
Lime <u>2</u> Tons/acre	Lime <u>2</u> Tons/acre
or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	Fertilizer <u>600</u> lbs/acre
(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>Hay</u> 2 Tons/acre	Mulch <u>Hay</u> 2 Tons/acre
Seed* <u>Ky-31</u> 40 lbs/acre	Seed* <u>Ky-31</u> 35 lbs/acre
_____ lbs/acre	<u>Madras Clover</u> 5 lbs/acre
_____ lbs/acre	_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount. Moore's Well Services, Inc. 09/15/2023

PLAN PREPARED BY Richard A. Campbell
ADDRESS Route 1 Box 30
Duck, WV 25063
PHONE NO. (304) 364-5780

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

A/2

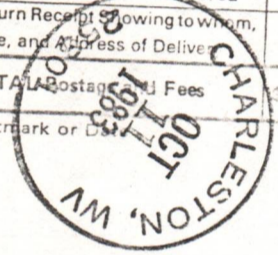
691 —
P 522 051 932

NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to CHARLES GOEBEL	
Street and No. #3 KEIFFER DR.	
P.O., State and ZIP Code ST. ALBANS, W. V.	
Postage	\$.37
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 Deliverer	
TOTAL Postage and Fees	\$ 1.72
Postmark or Date	

PS Form 3800, Feb. 1982



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OIL & GAS DIVISION
DEPT. OF MINES

09/15/2023

B7

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

Perforations

1st Stage: 22 holes from 4802'-5282'
 2nd Stage: 26 holes from 4092'-4628'
 3rd Stage: 20 holes from 3350'-3933'

Treatment

1st Stage: 1000 gals. 15% HCl; 1,370 MSCF N₂
 2nd Stage: 750 gals. 15% HCl; 1,218 MSCF N₂
 3rd Stage: 750 gals. 15% HCl; 1,218 MSCF N₂

WELL LOG
691

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	5	
Shale			5	368	Fresh water @ 310'
Sandstone			368	420	
Sandstone and Shale			420	1734	Salt water @ 1375'
Salt Sand			1734	1878	
Shale			1878	1887	
Salt Sand			1887	1922	
Shale			1922	1930	
Salt Sand			1930	1982	
Little Lime			1982	2003	
Pencil Cave			2003	2013	
Big Lime			2013	2138	
Big Injun			2138	2192	
Siltstone and Shale			2192	2565	
Sunbury Shale			2565	2580	
Siltstone and Shale			2580	3052	
Shale			3052	4939	Gas Shows 3350'-3933'
Siltstone			4939	4976	4092'-4628'
Shale			4976	5320	4802'-5282'
Total Depth				5320	

(Attach separate sheets as necessary)

Sterling Drilling and Production Co., Inc.

Well Operator

By: Harry J. Berger 09/15/2023
 Date: 10-11-84

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ..., encountered in the drilling of a well."

B3

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

RECEIVED

APR 23 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 087-3697 Ren.

Oil or Gas Well _____
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS	
															Size			Kind of Packer	
<u>Sterling Drilling</u>	<u>Chas., W.VA.</u>	<u>Chas. Daebel</u>	<u>691 Ren.</u>	<u>Smithfield</u> County <u>Boone</u>				<u>/10ths Water in</u> _____ Inch	<u>/10ths Merc. in</u> _____ Inch	_____ Cu. Ft.	_____ lbs. _____ hrs.	_____ bbls., 1st 24 hrs.	_____ feet _____ feet	_____ feet _____ feet	16				
															13				
															10			Size of _____	
															8 1/4				
															6 5/8			Depth set _____	
															5 3/16				
															3			Perf. top _____	
															2			Perf. bottom _____	
															Liners Used			Perf. top _____	
																		Perf. bottom _____	
															CASING CEMENTED _____	SIZE _____	No. FT. _____	Date _____	
															NAME OF SERVICE COMPANY _____				
															COAL WAS ENCOUNTERED AT _____	FEET _____	INCHES _____		
															_____	FEET _____	INCHES _____	FEET _____	INCHES _____
															_____	FEET _____	INCHES _____	FEET _____	INCHES _____

Drillers' Names Status Report

Remarks: 4-15-85 - Inspected Reclamation, reclamation work done in winter. location needs to be graded again before seed + mulch, road also needs to be graded.

4-15-85
DATE

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

B4

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

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JUN 11 1985

INSPECTOR'S WELL REPORT

Permit No. 087-3697 Ren.

OIL & GAS DIVISION
Oil or Gas Well
DEPT. OF MINES

Company <u>Sterling Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Chas, W. VA.</u>	Size			
Farm <u>Charles Gabel</u>	16			Kind of Packer
Well No. <u>691 Ren.</u>	13			
District <u>Smithfield</u> County <u>Boone</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 3/8			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				
feet	FEET	INCHES	FEET	INCHES
Salt water				
feet				
feet				

Drillers' Names Status Report

Remarks: 6-3-85 - Roy Miller worked road + location, location fertilized + seeded. location was back dug instead of being tracked in on slopes, don't think grass will grow. not mulched yet. back of well slope was not touched with dozer. talked to Sterling about problems.

6-3-85
DATE

Homer H. D. [Signature]
0915/2023
DISTRICT WELL INSPECTOR

B5

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

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OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3697-Rem.

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Sterling Drilling & Prod.</u>	Size			
<u>Charleston, W.Va.</u>	16			Kind of Packer _____
<u>Charles Goebel</u>	13			
<u>691</u>	10			Size of _____
<u>Smithfield</u> County <u>Roane</u>	8 1/4			
<u>7/9/84</u>	6 3/8			Depth set _____
_____ Total depth _____	5 3/16			
_____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Rex Cummings Pusher Steve Arbogast

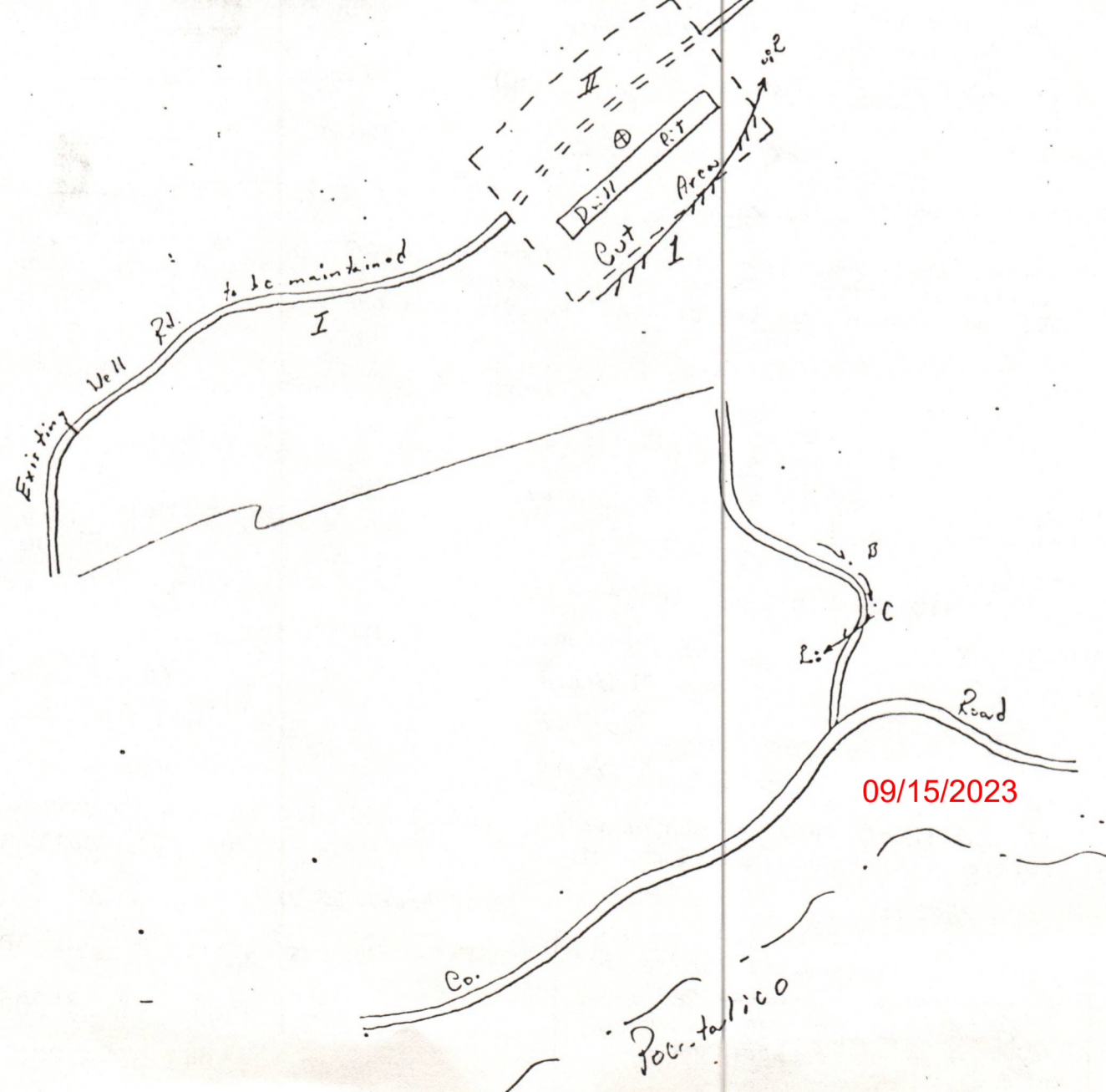
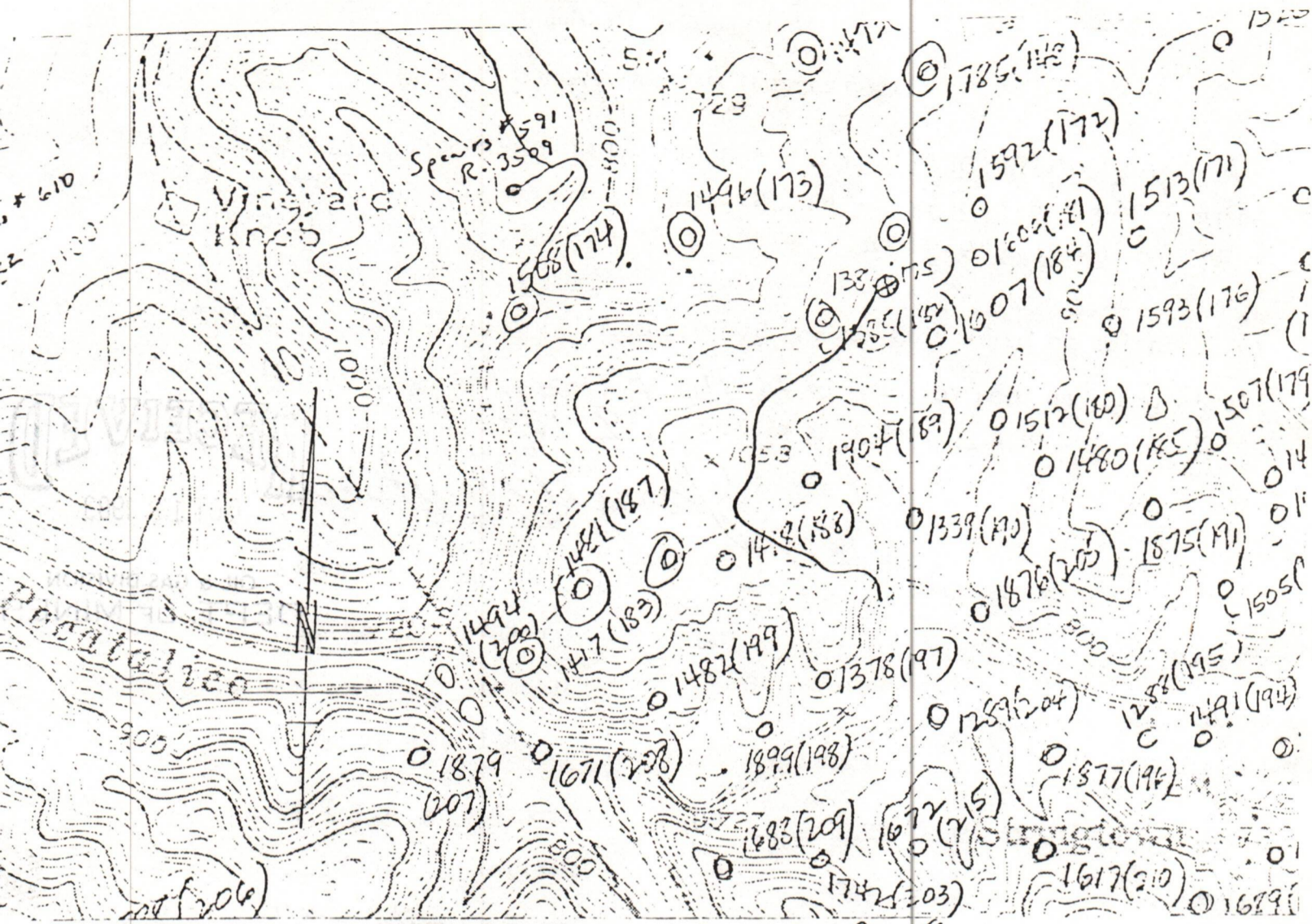
Remarks: 7/9/84 Moved on rigged up & started drilling surface hole.
7/10/84 Ran 358 ft of 9 5/8" surface pipe and cemented with
160 sacks of neat 4% C.C. & 1/4 lb. of Celefok
Plug down 1:30 A.M. by Dowell.

7/10/84
DATE

Homer H. P.
DISTRICT WELL INSPECTOR

09450024

B7



B6

State of West Virginia

Department of Mines
Oil and Gas Division

DATE 9-13-82
L NO. Charles F. Goebel '691
API NO. 47-087-3697-ken

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Sterling Drilling & Prod. Co WELL OPERATOR Sterling Drilling & Prod
Address 360 Madison Ave. - NY, NY 10017 Address c/o H.L. Berger - Chars., WV
Telephone (212) 949-9100 Telephone (304) 342-0121

LANDOWNER Charles F. Goebel

SOIL CONS. DISTRICT Little Kanawha SD

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

This plan has been reviewed by Little Kanawha SD. All corrections

and additions become a part of this plan: 9-13-82

(Date)

Jarrett Newton
(SD Agent)

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OCT 18 1983

ACCESS ROAD

LOCATION

OIL & GAS DIVISION
DEPT. OF MINES

(A) Structure _____
Spacing _____
Page Ref. Manual _____

(B) Structure Drainage Ditches
Spacing _____
Page Ref. Manual 2-12

(C) Structure Cross Ditches
Spacing 135'
Page Ref. Manual 2-4

Structure Diversions
Material Earthen
Page Ref. Manual 2-12

Structure Rip-Rap
Material Rock
Page Ref. Manual N/A 2-9

Structure _____
Material _____
Page Ref. Manual _____

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

REVEGETATION

Treatment Area I

Lime 2 Tons/acre
or correct to pH 6.5

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

Mulch Hay 2 Tons/acre

Seed* Ky-31 40 lbs/acre
_____ lbs/acre
_____ lbs/acre

Treatment Area II

Lime 2 Tons/acre
or correct to pH 6.5

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

Mulch Hay 2 Tons/acre

Seed* Ky-31 35 lbs/acre
_____ lbs/acre
_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacteria. 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.



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SEP 17 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia

Department of ~~Mines~~ *Energy*

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

November 8, 1984

COMPANY Sterling Drilling Co.

PERMIT NO 087-3697-REN (10-26-83)

710 Virginia Street, East

FARM & WELL NO Charles Goebel #691-REN

Charleston, West Virginia 25301

DIST. & COUNTY Smithfield/Roane

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

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

SIGNED Homer H. Dougherty

DATE 9/9/85

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

T.H. v. B.B.
Administrator-Oil & Gas Division

September 19, 1985
DATE

09/15/2023

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

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JUL 17 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 087-3697-Ren.

Oil or Gas Well _____
(KIND)

Company <u>Sterling Drilling & Prod.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston, W. Va.</u>	Size			
Farm <u>Charles Goebel</u>	16			Kind of Packer _____
Well No. <u>691</u>	13			Size of _____
District <u>Smithfield</u> County <u>Roane</u>	10			Depth set _____
Drilling commenced <u>7/9/84</u>	8 1/4			Perf. top _____
Drilling completed _____ Total depth _____	6 5/8			Perf. bottom _____
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Rex Cummings Pusher Steve Arbogast

Clint Hurt Rig #7

Remarks: 7/13/84 0 27 70 ft deep for S.D. of hole for 7" casing Point
Rig circulating hole weighting on Dowell to Gel hole before
pulling drill string to Run 7" pipe. Top of Berea 2528 ft.
Bottom of sand 2540 ft. 2751 ft of 7" on Skids to Run.

7/13/84
DATE

Homer H. Doughty
091372023
DISTRICT WELL INSPECTOR

67

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

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JUL 24 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 087-3697 Ren.

Oil or Gas Well Gas
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Sterling Drilling Co.</u>	Size			
<u>Charleston, W.VA.</u>	16			Kind of Packer
<u>Charles Gabel</u>	13			
<u>691 Ren.</u>	10			Size of
<u>Smithfield County Roane</u>	8 3/4			
<u>7-9-84</u>	6" <u>7"</u>		<u>2644</u>	Depth set
<u>7-16-84 Total depth 5325</u>	5 3/16			
	4 1/2"		<u>5292</u>	Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
	CASING CEMENTED <u>7"</u> SIZE <u>2644</u> No. FT <u>7-14-84</u> Date			
	NAME OF SERVICE COMPANY <u>Dowell</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Ray Cummings Pusher Steve Arbogast

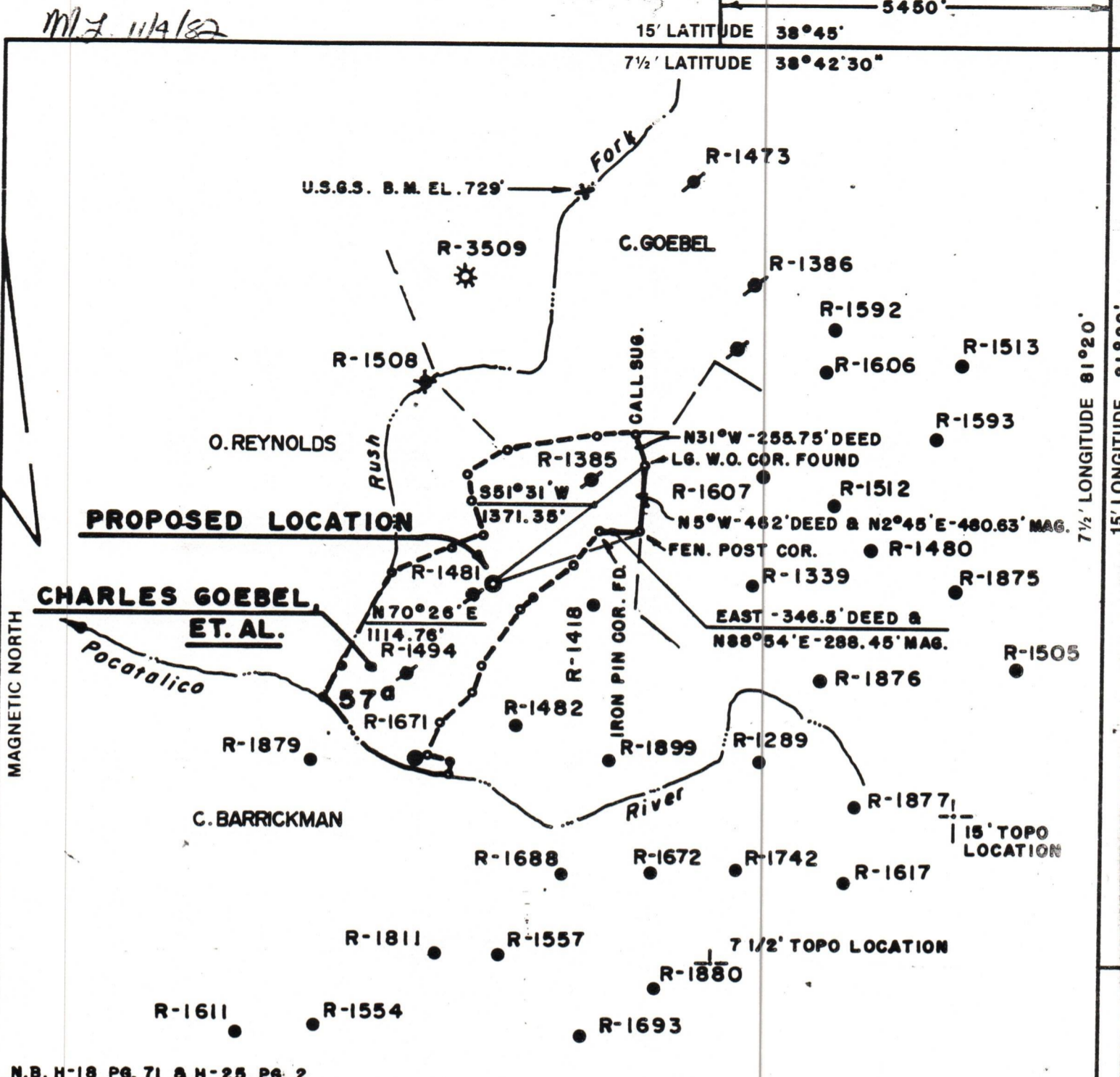
Clint Hunt Rig #7

Remarks: 7-14-84 - Ran 2644 ft. 7" pipe, cemented with 200 sks. neat, 3% CC
+ 14lb. celeflake plugdown 2:30 A.M. By Dowell
7-15-84 - T.D. of 6 3/4" hole 5325 ft. 11:15 P.M.
7-16-84 - Ran 5292 ft. 4 1/2" pipe, cemented with 260 sks. 50-50 premix
10% salt 2% CC. 12 1/2 lb. Kelite plugdown 10:00 p.m. by Dowell.

7-18-84
DATE

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

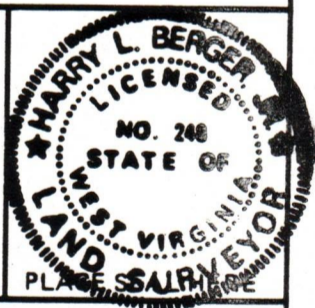
M/Z 11/4/82



N.B. H-18, PG. 71 & H-25, PG. 2

FILE NO 095-073
 MAP NO. 73-B
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION U.S.G.S.B.M.
 SHOWN EL. 729'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Harry 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 SEPT. 15, 1982
 OPERATOR'S WELL NO. 691
 API WELL NO. 47-087-3697-Ren.
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1002.84' WATER SHED RUSH FORK OF POCATALICO RIVER
 DISTRICT SMITHFIELD COUNTY ROANE
 QUADRANGLE 7 1/2' LOONEYVILLE (WALTON N.E.)
 SURFACE OWNER CHARLES GOEBEL, ET. UX. ACREAGE 36
 OIL & GAS ROYALTY OWNER CHARLES GOEBEL, ET. AL. LEASE ACREAGE 57
 LEASE NO. 095-073

09/15/2023

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 5000'
 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, WV 25301

PBANE - 36977