



1) Date: February 16, 1984
 2) Operator's Well No. Berea Federal Unit #2
 3) API Well No. 47 - 083 - 0884
 State County Permit

RECEIVED
FEB 16 1984

OIL & GAS DIVISION

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Gas B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 3154' Watershed: Gandy Creek
 District: Dry Fork County: Randolph Quadrangle: Whitmer
- 6) WELL OPERATOR Berea Oil & Gas Corp. 7) DESIGNATED AGENT Mark Schumacher
 Address P.O. Box 569 Address P.O. Box 299
Dover, OH 44622 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Phillip Tracey 9) DRILLING CONTRACTOR:
 Address Elkins, WV 26241 Name _____
(304)636-8798 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, Oriskany
- 12) Estimated depth of completed well, 7400 feet
- 13) Approximate trata depths: Fresh, 40 feet; salt, -- feet.
- 14) Approximate coal seam depths: -- 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	16	H40	65#	X		200'	200'	to surface	Kinds NEAT
Fresh water	13 3/8	H40	48#	X		500'	500'	to surface	
Coal									Sizes
Intermediate	9 5/8	J55	40#	X		2600'	2600'	to surface	Depth set or as req. by Rule 15.01
Production	4 1/2	N80	11.60#	X		7350'	7350'	1500' fillup	
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-083-0884 Date February 17, 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 February 17, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>O.K.</u>	Plat: <u>MA</u>	Casing: <u>MH</u>	Fee: <u>31183</u>
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Margaret J. Hesse
Administrator, Office of Oil and Gas

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



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

1) LOCATION: District: _____ County: _____
 Elevation: _____
 B (If "Gas", Production) _____
 X _____
 Underground storage _____
 Shallow _____
 Deep _____

2) WELL OPERATOR: Name: _____ Address: _____
 District: _____ County: _____
 7) DESIGNATED AGENT: Name: _____ Address: _____
 District: _____ County: _____

8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: _____ Address: _____
 District: _____ County: _____

10) PROPOSED WELL WORK: Drill Plug off old formation _____
 Redrill _____
 Stimulate _____

11) GEOLOGICAL TARGET FORMATION: _____
 12) Estimated depth of completed well: _____ feet
 13) Approximate true depth: _____ feet
 14) Approximate coal seam depths: _____ feet
 Yes _____ No _____

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: _____

Bond:	Agent:	Plan:	Casing:	Fee:
_____	_____	_____	_____	_____

08/25/2023



DATE February, 1984
WELL NO. BEREA FEDERAL #2
API NO. 47-083-0884

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

BEPEA OIL & GAS CORP.
COMPANY NAME 901 CHEMICAL BANK BLDG.
Address 69 DELAWARE AVE., BUFFALO, NY 14202
Telephone (716) 842-0711

MARK SCHUMACHER
DESIGNATED AGENT ONE BEPEA PLAZA
Address BRIDGEPORT, WV 26330
Telephone (304) 842-6931

LANDOWNER U.S. Gov't

SOIL CONS. DISTRICT Tygarts Valley
(Agent)

Revegetation to be carried out by RECLAMATION CONTRACTOR

This plan has been reviewed by Tygarts Valley SCD. All corrections
and additions become a part of this plan: 2-10-84

(Date)
J. M. Hedrick
(SCD Agent)

ACCESS ROAD

LOCATION

Structure ROAD CULVERT (A)
Spacing 12" DIAMETER
Page Ref. Manual 2.7

Structure DIVERSION DITCH
Material EARTHEN
Page Ref. Manual 2.12

Structure DRAINAGE DITCH (B)
Spacing EARTHEN
Page Ref. Manual 2.12

Structure _____
Material _____
Page Ref. Manual _____

Structure CROSS DRAINS (C)
Spacing SEE SKETCH
Page Ref. Manual 2.4

Structure _____
Material _____
Page Ref. Manual _____

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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 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch HAY 2 Tons/acre
Seed* 81% ORCHARD GRASS/15% RYE 16 lbs/acre
KENTUCKY 31 PESCUE 16 lbs/acre
RED CLOVER 8 lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer _____ lbs/acre
(10-20-20 or equivalent)
Mulch _____ Tons/acre
Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

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

08/25/2023

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

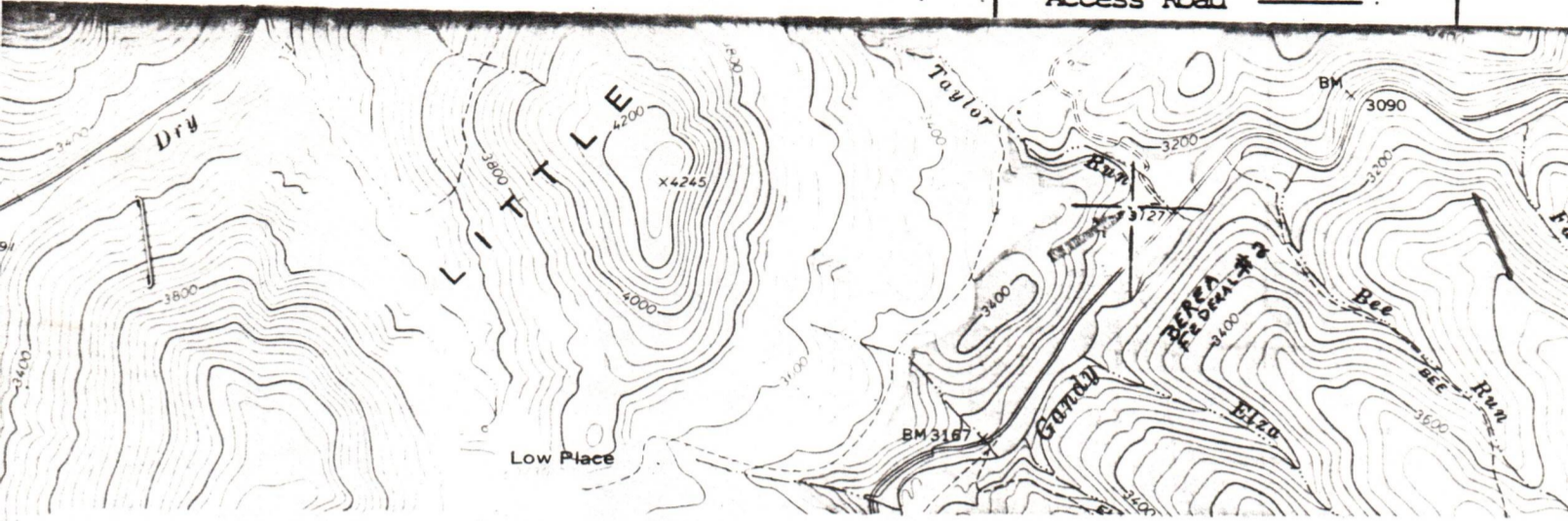
PLAN PREPARED BY Burl J. Smith
ADDRESS P.O. Box 531
Buckhannon, WV 26201
PHONE NO. 472-1002

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AUG 23 1923
DIVISION OF MINES
DEPT. OF MINES

08/25/2023

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE WHITMER

LEGEND
Well Site ⊕
Access Road ———



WELL SITE PLAN

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

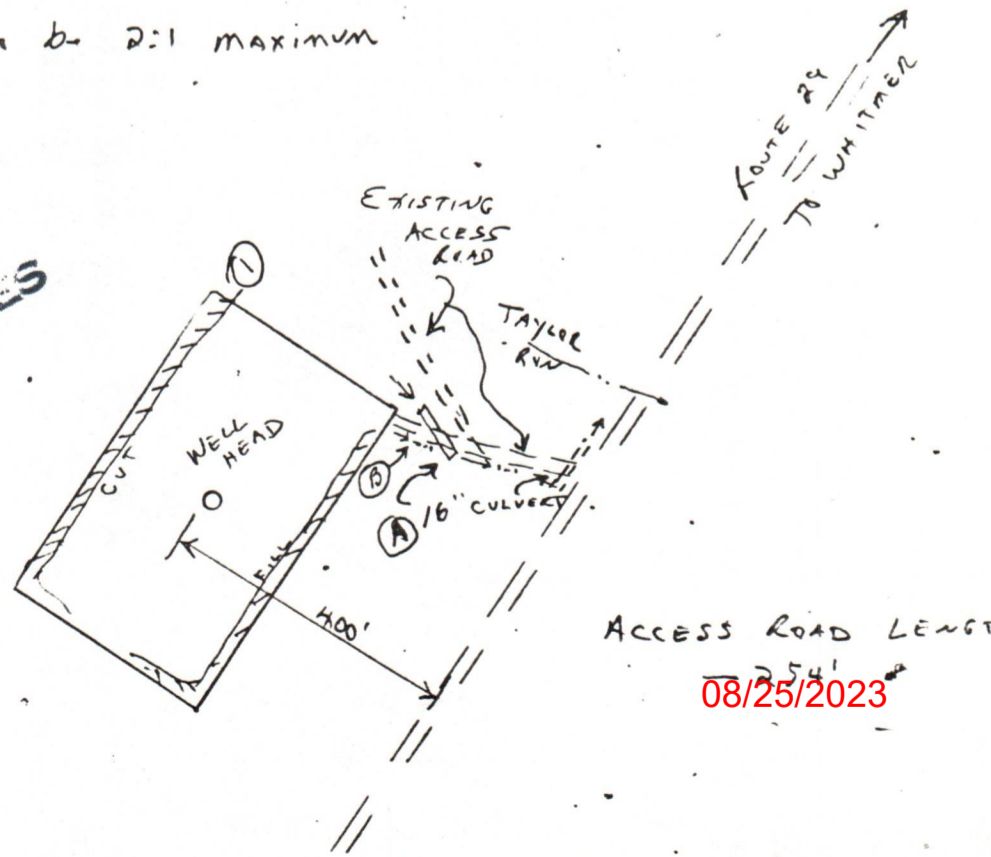
LEGEND

Property boundary ———▲———	Diversion ———/———
Road = = = = =	Spring ⊕→
Existing fence ———x———x———	Wet spot ⊕
Planned fence ———/———/———	Building ■
Stream ~~~~~	Drain pipe ———○———○———→
Open ditch ———>>>>———>>>>———>>>>———>>>>	Waterway <———≡———≡———≡———>

NORTH ↑

CUT & Fill Slopes to be 2:1 maximum

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OIL & GAS DIVISION
DEPT. OF MINES



ACCESS ROAD LENGTH

254'

08/25/2023

1) Date: February 10, 19 84
2) Operator's Well No. Berea Federal #2
3) API Well No. 47 083
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 U.S.A.
Address _____
- (ii) Name _____
Address _____
- (iii) Name _____
Address _____
- 5(i) COAL OPERATOR N/A
Address _____
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name U.S.A.
Address _____
- Name _____
Address _____
- 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
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.

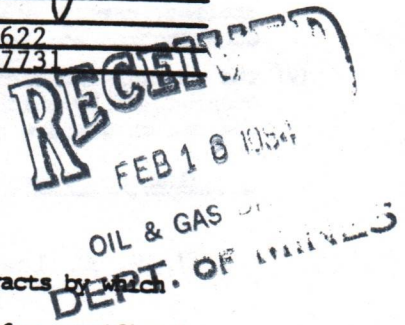
THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

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.

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

WELL OPERATOR Berea Oil & Gas Corp.
By Doyle Kinsey
Its Superintendent of Land
Address P.O. Box 569
Dover OH 44622
Telephone ph. (216) 364-7731

Doyle Kinsey
this 10 day of February, 1984.
My commission expires Jan 27, 1987.
John E. ...
Notary Public, ... County,
State of Ohio



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.

08/25/2023

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the reverse 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
-----------------------	-----------------------	---------	-----------

U. S. A. lease - lease not recorded in County Courthouse



1) Date: February 10, 1984, 19 84
 2) Operator's Well No. Berea Federal #2
 3) API Well No. 47 083
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production / Underground storage / Deep X / Shallow)
- 5) LOCATION: Elevation: 3127 / Watershed: Gandy Creek
 District: Dry Fork / County: Randolph / Quadrangle: Whitmer
- 6) WELL OPERATOR Berea Oil & Gas Corp.
 Address P.O. Box 569
Dover, OH 44622
- 7) DESIGNATED AGENT Mark Schumacher
 Address P.O. Box 299
Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address Ph: (304)636-8798
- 9) DRILLING CONTRACTOR:
 Name
 Address
- 10) PROPOSED WELL WORK: Drill / Drill deeper X / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Oriskany
- 12) Estimated depth of completed well, feet
- 13) Approximate strata depths: Fresh, 7400' feet; salt, feet.
- 14) Approximate coal seam depths: Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									
Fresh water	13 3/8	N40	48		X	350'		to surface	Kinds <u>By Rule 15.05</u>
Coal									Sizes <u> </u>
Intermediate									Depths <u>set U.S. Reg</u>
Production	9 5/8	J55	36		X	3100'		to surface	<u>by Rule 15.01</u>
Tubing	4 1/2	N80	11.6		X	7350'		1000' fillup	Perforations: <u> </u>
Liners									Top <u> </u> Bottom <u> </u>

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.

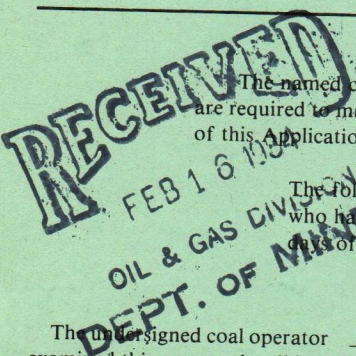
WAIVER

The undersigned coal operator / owner X / 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: Feb 17, 19 84

By US Forest Service
Richard E. T. [Signature]
 Its ACT Fg Sny

08/25/2023
 Coal Owner





Faint, illegible markings or text in the lower-left quadrant of the page.

Faint, illegible markings or text in the lower-right quadrant of the page, possibly a stamp or bleed-through.

Faint, illegible markings or text in the bottom-left area of the page.



1) Date: February 10, 1984
 2) Operator's Well No. Berea Federal #2
 3) API Well No. 47 State 083 County Permit

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 3127 Watershed: Gandy Creek
 District: Dry Fork County: Randolph Quadrangle: Whitmer
- 6) WELL OPERATOR Berea Oil & Gas Corp. Address P.O. Box 569, Dover, OH 44622
- 7) DESIGNATED AGENT Mark Schumacher Address P.O. Box 299, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Phillip Tracy Address Ph: (304)636-8798
- 9) DRILLING CONTRACTOR: Name _____ 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, Oriskany
- 12) Estimated depth of completed well, _____ feet
- 13) Approximate trata depths: Fresh, 7400' feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ 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		
Conductor	13 3/8	H40	48	X		350'	to surface	Kinds <u>By Rule 15.05</u>
Fresh water								Sizes
Coal								
Intermediate	9 5/8	J55	36	X		3100'	to surface	Depths set <u>U.S. Reg by Rule 15.01</u>
Production	4 1/2	N80	11.6	X		7350'	1000' fillup	
Tubing								Perforations:
Liners								Top Bottom

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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.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)
 _____ Date: 2/12/84
 (Signature)
 _____ Date: _____
 (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.

08/25/2023
Surface Owner



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION

CHARLESTON 25305

February 17, 1984

Theodore M. Streit, Administrator
Department of Mines
Office of Oil and Gas

RE: APPLICATION FOR PERMIT #47-083 - 0884 TO DRILL DEEP WELL

COMPANY: Berea Oil and Gas Corp.

FARM: U.S.A. Berea-Federal #2

COUNTY: Randolph DISTRICT: Dry Fork

The application of the above company is approved
(APPROVED - DISAPPROVED)

Applicant has HAS - HAS NOT complied with the provisions of Chapter twenty-two, four-A (§22-4A), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission, as follows:

1. *Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners;*
2. *Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and,*
3. *Provided a plat showing that the proposed location is a distance of 440 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location: None*

Very truly yours,

Brett Loflin
Petroleum Engineer

LBL/rf

08/25/2023

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Eastern States Office, Alexandria, VA

SERIAL No.: ES 10008 (Amoco Lease No. 522583)

and hereby designates

NAME: Berea Oil and Gas Corporation

ADDRESS: 69 Delaware Avenue, 900 Chemical Bank Building, Buffalo, NY 14202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

ALL LANDS DESCRIBED IN SAID LEASE

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DEPT. OF MINES

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

AMOCO PRODUCTION COMPANY

By *E. J. Min*
(Signature of lessee)
Attorney-In-Fact

February 9, 1984
(Date)

P.O. Box 50879, New Orleans, LA 70150
(Address)

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OIL & GAS DIVISION
DEPT. OF MINES

• Branches •

534 Delaware Avenue
Buffalo, N.Y. 14202
(716) 885-6003

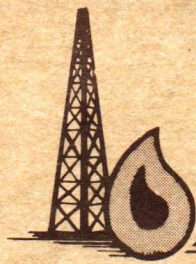
506 West Fifth Street
Jamestown, N.Y. 14701
(716) 483-1156

Gas and Oil Exploration and Management

• Branches •

Progress Street
Dover, Ohio 44622
(216) 364-7731

One Berea Plaza
Routes 50/76
Bridgeport, W. Virginia 26330
(304) 842-6931



berea oil & gas corp.

69 Delaware Avenue
900 Chemical Bank Building
Buffalo, New York 14202
(716) 842-0711
Telex # 646894

February 10, 1984

Miss Farley
Oil and Gas Division
West Virginia Dept. of Mines
1615 Washington Street, East
Charleston, WV 25331

Re: Spacing Requirements - Berea Federal #2, Dry Fork Dist., Randolph Co., WV

Dear Miss Farley:

Before processing the attached permit application, Berea Oil & Gas Corp. requests the Commission to ascertain that this drilling prospect conforms to the spacing requirements adopted by the State of West Virginia.

Should the drill site not conform to spacing requirements notify us as soon as possible so that the appropriate action may be taken. Please send such notification to Berea Oil & Gas Corp., P.O. Box 569, Dover, Ohio 44622, or call (216)364-7731.

Thank you.

BEREA OIL & GAS CORP.

Doyle Kinsey

Doyle Kinsey
Superintendent of Land

DK/ct

Enclosure

RECEIVED
FEB 16 1984
OIL & GAS DIVISION
DEPT. OF MINES

08/25/2023



~~CONFIDENTIAL~~

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 7, 1984
Operator's Well No. Berea Federal Unit #2
Farm USA-ES-10008 Tract 38B
API No. 47 - 083 - 0884

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

RECEIVED
AUG 16 1984
OIL & GAS DIVISION

WELL TYPE: Oil ___ / Gas x / Liquid Injection ___ / Waste Disposal ___ / DEPT. OF MINE
(If "Gas," Production x / Underground Storage ___ / Deep x / Shallow ___ /)

LOCATION: Elevation: 3154' Watershed Gandy Creek
District: Dry Fork 2 County Randolph Quadrangle Whitmer 677

COMPANY Berea Oil & Gas Corp. 4650117
ADDRESS P. O. Box 299, Bridgeport, WV 26330
OPERATED AGENT Thomas E. Riley, P.E.
ADDRESS P. O. Box 299, Bridgeport, WV 26330
OFFICE OWNER USA
ADDRESS _____
MINERAL RIGHTS OWNER USA
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracy
ADDRESS Ellamore, WV
PERMIT ISSUED 2-17-84
DRILLING COMMENCED 2-28-84
DRILLING COMPLETED 3-26-84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size <u>20x16' Concl.</u>		212	115 sks.
13 3/8"	556'	530'	170 sks.
<u>9 5/8</u>	2714'	2652'	900 sks.
<u>8 5/8</u>			
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	7830'	7772'	600 sks.
<u>3</u>			
<u>2 3/8</u>		7600'	
Liners used			

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

LOGICAL TARGET FORMATION Oriskany Depth 7400 feet
Depth of completed well 7830⁰⁷ feet Rotary x / Cable Tools ___
Water strata depth: 83', 107', 175', 266' feet; Salt ___ feet
Coal seam depths: _____ Is coal being mined in the area? no

FLOW DATA
Producing formation Oriskany 475 See Well Treatment Pay zone depth 7446-7640 Details ___ feet
Gas: Initial open flow 2700 Mcf/d Oil: Initial open flow none Bbl/d
Final open flow 3700 Mcf/d Oil: Final open flow none Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 2100 psig (surface measurement) after 1 1/2 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth 08/25/2023 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)

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

4/10/84 Oriskany (PERF)

7446' - 7448' (2)
 7526' - 7534' (8)
 7566' - 7570' (4)
 7621' - 7623' (2)
 7636' - 7640' (2)

4/13/84 Oriskany (FRAC)

Formation broke @ 2500#. Avg. pump rate
 40BPM @ 4300#. ISIP 3200#, 5 min. 3000#
 75,000# 20/40 sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fluids and salt water, coal, oil and gas
T. Soil			0	10	
Sand			10	88	
Shale			88	92	1/2" water @ 83'
Sand			92	94	
Shale			94	97	
Sand			97	104	
Shale			104	107	3" water @ 107'
Sand			107	115	
Shale			115	168	
Sand			168	174	
Shale			174	207	6 - 7" water @ 175'
Sand			207	266	
Shale			266	280	
Sand			280	357	1 1/2" water @ 266'
Shale			357	360	
Sand			360	368	
Shale			368	409	
Sand			409	441	
Shale & Sand			441	854	
Shale			854	870	
Sand			870	994	
Shale			994	1000	
Sand			1000	1040	
Shale			1040	1048	
Sand			1048	1056	
Sand			1056	1095	
Shale			1095	1100	
Sand			1100	1123	
Shale			1123	1135	
Sand			1135	1236	
Sandy Shale			1236	1280	
Sand			1280	1306	
Sandy Shale			1306	1478	
Sand			1478	1541	
Sandy Shale			1541	1676	
Sand			1676	1679	
Shale			1679	1697	
Sand			1697	1699	

Continued on page two

(Attach separate sheets as necessary)

Berea Oil & Gas Corp.

Well Operator

Thomas E. Riley

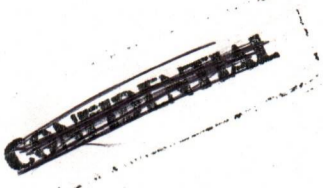
By: Thomas E. Riley, P.E., Manager of Engineering

08/25/2023

Date: May 7, 1984

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

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



WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fr and salt water, coal, oil and
Continued from page one					
Shale			1699	1728	
Sand			1728	1744	
Shale			1744	1756	
Sand			1756	1758	
Shale			1758	1802	
Sand			1802	1806	
Shale			1806	1837	
Sand			1837	1849	
Shale			1849	1850	
Sand			1850	1851	
Shale			1851	1853	
Sand			1853	1875	
Shale			1875	1899	
Sand with Shale			1899	1939	
Sand			1939	2015	
Shale			2015	2021	
Sand			2021	2031	
Shale			2031	2059	
Sand			2059	2064	
Shale			2064	2071	
Sand with Shale			2071	2120	
Sandy Shale			2120	2492	
Sand			2492	2494	
Shale & Sand			2494	2714	
Shale			2714	3074	
Sand			3074	3086	
Shale			3086	3367	
Sandy Shale			3367	3411	
Sand			3411	3417	
Shale			3417	3460	
Sandy Shale			3460	3512	
Sand			3512	3520	
Sandy Shale			3520	3629	
Sand			3629	3635	
Shale			3635	3716	
Sandy Shale			3716	3837	
Shale			3837	3891	
Sandy Shale			3891	4953	

Continued on Page Three

(Attach separate sheets as necessary)

Berea Oil & Gas Corp.

Well Operator

Thomas E. Riley

By: Thomas E. Riley, P.E., Manager of Engineering 08/25/2023

Date: May 7, 1984

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
 and encountered in the drilling of a well."

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

CONFIDENTIAL

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all gas and salt water, coal, oil and
Continued from Page Two			
Sandy Shale	4953	4960	
Shale	4960	4976	
Sandy Shale	4976	4986	
Shale	4986	5214	
Sandy Shale	5214	5218	
Shale	5218	5746	
Sand	5746	5763	
Shale	5763	5852	
Shale	5852	5902	
Sand	5902	5906	
Shale	5906	6211	
Sandy Shale	6211	6270	
Limey Shale	6270	6490	
Silty Shale	6490	6550	
Tully Lime	6710	6734	
Limey Shale	6734	6890	
Shale	6890	7030	
Shale Marcellus	7030	7250	
Lime	7250	7314	
Chert Hunterville	7314	7380	
Shale	7380	7436	
Oriskany Sand	7436	7645	
Helderberg Lime	7645	7830	

(Attach separate sheets as necessary)

Berea Oil & Gas Corp.
 Well Operator
Thomas E. Riley
 By: Thomas E. Riley, P.E., Manager of Engineering
 Date: May 7, 1984

08/25/2023

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

RECEIVED
AUG 16 1984

Date: May 7, 1984
Operator's Well No. Berea Federal Unit #2
API Well No. 47 - 083 - 0884 State County Permit

CONFIDENTIAL

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

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

**WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST**

WELL OPERATOR Berea Oil & Gas Corp.
Address P. O. Box 299
Bridgeport, WV 26330

DESIGNATED AGENT Thomas E. Riley, P.E.
Address P. O. Box 299
Bridgeport, WV 26330

GEOLOGICAL TARGET FORMATION: Oriskany Depth 7830' feet
Perforation Interval 7446' - 7640' feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-38 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>4/25/84</u>	TIME	END OF TEST-DATE <u>4/25/84</u>	TIME	DURATION OF TEST <u>5 + Hr.</u>
TUBING PRESSURE <u>SI 2392</u>	CASING PRESSURE <u>SI 2393</u>	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST <u>N/A</u>	GAS PRODUCTION DURING TEST <u>200</u> bbls. Mcf	WATER PRODUCTION DURING TEST & SALINITY <u>Mist</u> bbls. <u>64,000</u> ppm.		
OIL GRAVITY <u>N/A</u>	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>Flowing</u>			

GAS PRODUCTION		
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKE <input type="checkbox"/> CRITICAL FLOW PROVER <input checked="" type="checkbox"/>	
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN. <u>2"</u>
DIFFERENTIAL	STATIC	GAS GRAVITY (Air-1.0) MEASURED _____ ESTIMATED <u>0.567</u>
GAS GRAVITY (Air-1.0) <u>N/A</u>	FLOWING TEMPERATURE <u>55° F</u>	GAS TEMPERATURE _____ °F
24 HOUR COEFFICIENT <u>4 pt. Isochronal followed by 1 2/3 hr. 1 pt.</u>	24 HOUR COEFFICIENT <u>Various</u>	
PRESSURE - _____ psia		

TEST RESULTS			
DAILY OIL <u>none</u> bbls.	DAILY WATER <u>mist</u> bbls.	DAILY GAS <u>1950</u> Mcf.	GAS-OIL RATIO <u>∞</u> SCF/STB

Berea Oil & Gas Corp.
Well Operator

By: Thomas E. Riley 08/25/2023
Its: Manager of Engineering

Schlumberger

DUAL LATEROLOG/MSFL/GAMMA RAY LOG



Field Log

COMPANY: BEREA OIL & GAS CORPORATION
WELL: BEREA-FEDERAL #2 (47-083-0884)
FIELD: WILDCAT
COUNTY: RANDOLPH
STATE: WEST VIRGINIA
NATION: USA
LOCATION: DRY FORK WATERSHED
 GANDY CREEK WATERSHED
 SEC: WHITMER TWP: ---
LATITUDE: 9550 S. OF LA
LONGITUDE: 11200 WEST OF

CONFIDENTIAL

RGE: ---

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 3154.0 F
LOG MEASURED FROM: KB
 12.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 3166.0 F
DF: 3165.0 F
GL: 3154.0 F

DATE: 26 MAR 84
RUN NO: 2

DEPTH-DRILLER: 7830.0 F
DEPTH-LOGGER: 7822.0 F
BTM. LOG INTERVAL: 7812.0 F
TOP LOG INTERVAL: 2656.0 F

CASING-DRILLER: 2656 F
CASING-LOGGER: 2656 F
CASING: 9 5/8
 WEIGHT: 38.00 LB/F
BIT SIZE: 8 1/2
 DEPTH: 7830 F

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AUG 16 1984

OIL & GAS DIVISION
DEPT. OF MINES

08/25/2023

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DIVISION OF MINES
DEPT. OF MINES

08/25/2023

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

RECEIVED

MAR 14 1984

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

Permit No. 83-884

Oil or Gas Well
(KIND)

Company Berna Oil & Gas

Address _____

Farm U.S.A.

Well No. 2

District Dry Fork County Randolph

Drilling commenced _____

Drilling completed _____ Total depth 540

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13	<u>5-36</u>	<u>5-36</u>	<u>165 Conch</u>
10			Size of _____
8 1/4			Depth set _____
6 3/8			
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 _____

Remarks: _____

3-5-84
DATE

Phillip Gray 08/25/2023
DISTRICT WELL INSPECTOR

FORM NO
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 08/25/2023

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

RECEIVED
MAR 23 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 83-884

Oil or Gas Well _____
(KIND)

Company Berwin oil & Gas

Address _____

Farm U.S.A.

Well No. 2

District Dry Fork County Putnam

Drilling commenced _____

Drilling completed _____ Total depth 16840

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

Drillers' Names _____

Remarks: _____

3-23-84
DATE

[Signature]
DISTRICT WELL INSPECTOR

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

08/25/2023

Form 20
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 _____ 08/25/2023

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

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APR 5 - 1984

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

Permit No. 83-884

Oil or Gas Well _____
(KIND)

Company Berea oil & Gas

Address _____

Farm U.S.A.

Well No. 2

District Dry Fork County Randolph

Drilling commenced _____

Drilling completed _____ Total depth 1864

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

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

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Y.D. well

3-26-84
DATE

Philip Tracy 08/25/2023
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 08/25/2023

CONFIDENTIAL

DIRECTIONAL SURVEY

BEREA FEDERAL #2
47-083-0884

<u>DEPTH (ft.)</u>	<u>DEVIATION ANGLE</u>	<u>BEARING</u>
453'	3° - 00'	N 72 E
678'	4° - 00'	N 76 E
805'	4° - 15'	N 80 E
962'	4° - 00'	N 83 E
1056'	3° - 45'	N 82 E
1175'	3° - 45'	N 85 E
1332'	3° - 30'	N 85 E
1464'	3° - 45'	S 87 E
1590'	3° - 45'	S 87 E
1780'	4° - 00'	S 80 E
1835'	3° - 30'	S 83 E
1898'	3° - 45'	S 72 E
1970'	3° - 30'	S 72 E
2138'	3° - 30'	S 67 E
2656'	4° - 00'	N 87 E
2999'	3° - 30'	S 55 E
3219'	3° - 00'	S 57 E
3527'	3° - 00'	S 55 E
3841'	3° - 00'	S 59 E
4125'	2° - 30'	S 62 E
4435'	2° - 30'	S 64 E
4716'	1° - 00'	S 88 E
5220'	2° - 45'	N 74 E
5503'	4° - 30'	N 86 E
5723'	5° - 15'	East
5911'	5° - 00'	N 83 E
6130'	5° - 45'	N 87 E
6316'	6° - 00'	N 73 E
6400'	6° - 45'	N 73 E
6500'	7° - 00'	N 74 E
6600'	8° - 45'	N 90 E
6700'	10° - 00'	N 90 E
6800'	8° - 15'	N 90 E
6900'	6° - 15'	N 82 E
7000'	6° - 30'	N 90 E
7100'	6° - 30'	N 90 E
7200'	4° - 30'	N 86 E
7300'	3° - 15'	N 67 E
7400'	3° - 15'	N 30 E
7500'	3° - 00'	N 25 E
7600'	2° - 45'	N 23 E
7700'	2° - 30'	N 10 E
7813'	3° - 00'	N 08 W

4/6/84
LK

08/25/2023



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

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JUL 10 1985

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Berea Oil & Gas

PERMIT NO 83-884 (2-17-84)

FARM & WELL NO Federal 2

DIST. & COUNTY Dry Run Randolph

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

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

SIGNED Philip Tracy

DATE 7-3-85

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. L. ...
Administrator-Oil & Gas Division

July 18, 1985
DATE



beresa oil & gas corp.

One Berea Plaza • P.O. Box 299 • Bridgeport, West Virginia 26330-0299 • (304) 842-6931

May 7, 1984

RECEIVED
AUG 16 1984

Frances Farley
Oil and Gas Conservation Commission
1615 Washington Street, East
Charleston, West Virginia 25311

OIL & GAS DIVISION
DEPT. OF MINES

RE: Berea Federal Unit #2
(47-083-0884)
Randolph Co., WV

Dear Ms. Farley:

Enclosed please find the "Well Operator's Report of Drilling, Fracturing and/or Stimulating, or Physical Change" (Form IV-35) for the above captioned well, as required by Chapter 22-4A, Section 3.06 of the West Virginia Administrative Regulations, 1981 Edition.

As required under Section 2.10, a record of the deviation surveys made on this well is also enclosed, as is the "Well Operator's Report of Initial Gas-Oil Ratio Test" (Form IV-36) required by Section 3.12.

We trust you will find this information beneficial. However, Berea request that all information contained herein be kept confidential for the one year period allowed under Section 2.06.

Should you have any questions or require additional information, please do not hesitate to contact me at (304)842-6931 at our Bridgeport, West Virginia office.

Respectfully,

BEREA OIL & GAS CORP.

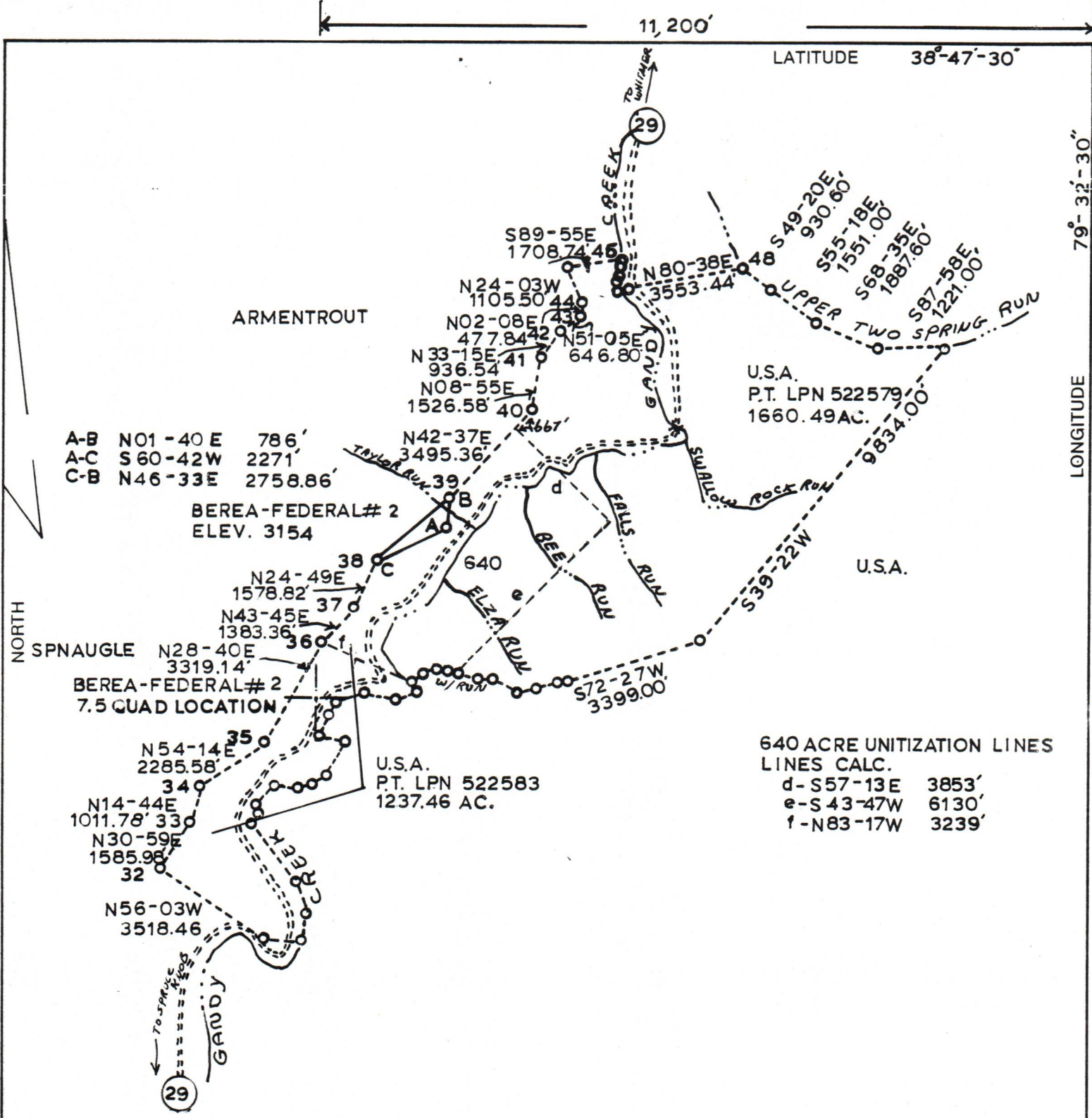
Thomas E. Riley, P.E.
Manager of Engineering

TER/lk
Encl.

cc: Buffalo Office
Dover Office
D. Copley's Office
C. Faris
E. Mehring
D. Carson
T. Auld
Well File
C. Steele

• Corporate Headquarters •

08/25/2023



A-B N01-40E 786'
 A-C S60-42W 2271'
 C-B N46-33E 2758.86'

BEREA-FEDERAL# 2
 ELEV. 3154

BEREA-FEDERAL# 2
 7.5 QUAD LOCATION

U.S.A.
 P.T. LPN 522583
 1237.46 AC.

640 ACRE UNITIZATION LINES
 LINES CALC.
 d-S57-13E 3853'
 e-S43-47W 6130'
 f-N83-17W 3239'

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 4000'
 MINIMUM DEGREE OF
 ACCURACY 1:200
 PROVEN SOURCE OF
 ELEVATION EL 3154 ON
RTE 29@TAYLOR RUN

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 REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES.
 (SIGNED) *Burl Jones*
 R.P.E. 6988 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE FEBRUARY 9, 19 84
 OPERATOR'S WELL NO. BEREA-FEDERAL# 2
 API WELL NO.

47 - 083 - 0884
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 3154 WATER SHED GANDY CREEK
 DISTRICT DRY FORK COUNTY RANDOLPH
 QUADRANGLE WHITMER

SURFACE OWNER U.S.A. ACREAGE 1237.46 AC
 OIL & GAS ROYALTY OWNER U.S.A. LEASE ACREAGE TOTAL 2897.95 AC
640 AC UNITIZED

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 ORISKANY ESTIMATED DEPTH 7400

WELL OPERATOR BEREA OIL & GAS CORP. DESIGNATED AGENT MARK SCHMACHER
 ADDRESS 901 CHEMICAL BANK BLDG. 69 DELAWARE AVE ADDRESS ONE BEREA PLAZA
BUFFALO NY 14202 BRIDGEPORT WV 26330

FORM IV-6 (8-78)
 H.T. HALL

COUNTY NAME
 PERMIT