

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION JCT. SLS. 32 and SLS. 37 EL. 3295'

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) Burl J. Smith  
 R.P.E. 6988 L.L.S. \_\_\_\_\_

PLACE SEAL HERE



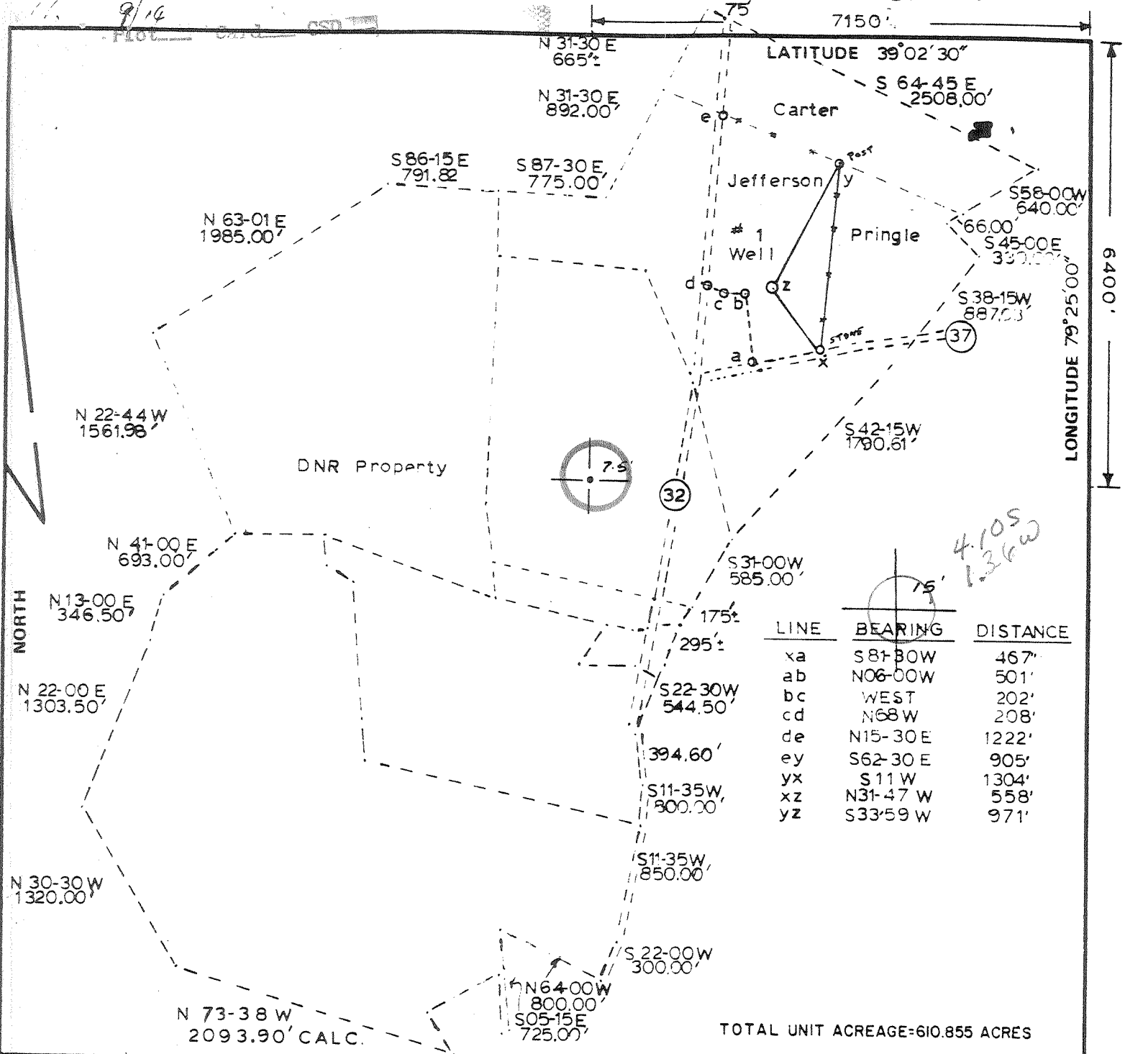
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 9 SEPTEMBER, 19 81  
 OPERATOR'S WELL NO. JEFFERSON #1  
 API WELL NO. 47-093-0052-Rev  
 STATE COUNTY PERMIT

*Cancelled*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 3290' WATER SHED BLACKWATER RIVER  
 DISTRICT DRY FORK COUNTY TUCKER  
 QUADRANGLE BLACKWATER FALLS 7.5'  
 SURFACE OWNER MARTIN H. JEFFERSON ACREAGE 26.6  
 OIL & GAS ROYALTY OWNER MARTIN H. JEFFERSON LEASE ACREAGE 26.6  
 LEASE NO. \_\_\_\_\_  
 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 8500'  
 WELL OPERATOR BEREA OIL and GAS CORP. DESIGNATED AGENT MARK SHUMACHER  
 ADDRESS 901 CHEMICAL BANK BLDG., 69 DELAWARE AV. ADDRESS ONE BEREA PLAZA  
BUFFALO, NEW YORK 14202 BRIDGEPORT W.V. 26330

OCT 29 1981

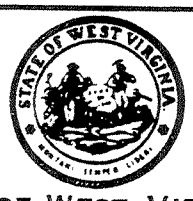


FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION JCT. SLS. 32 and SLS. 37 EL. 3295'

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) Burl J. Smith  
 R.P.E. 6988 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



DATE 9 SEPTEMBER, 19 81  
 OPERATOR'S WELL NO. JEFFERSON #1  
 API WELL NO. \_\_\_\_\_  
47 - 093 - 0052-Rev  
 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 X SHALLOW \_\_\_  
 LOCATION: ELEVATION 3290' WATER SHED BLACKWATER RIVER  
 DISTRICT DRY FORK COUNTY TUCKER  
 QUADRANGLE BLACKWATER FALLS 7.5' Davis 18' SW  
 SURFACE OWNER MARTIN H. JEFFERSON ACREAGE 26.6  
 OIL & GAS ROYALTY OWNER MARTIN H. JEFFERSON LEASE ACREAGE 26.6  
 LEASE NO. \_\_\_\_\_  
 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 8500'  
 WELL OPERATOR BEREA OIL and GAS CORP. DESIGNATED AGENT MARK SHUMACHER  
 ADDRESS 901 CHEMICAL BANK BLDG., 69 DELAWARE AV. ADDRESS ONE BEREA PLAZA  
BUFFALO, NEW YORK 14202 BRIDGEPORT W. V., 26330

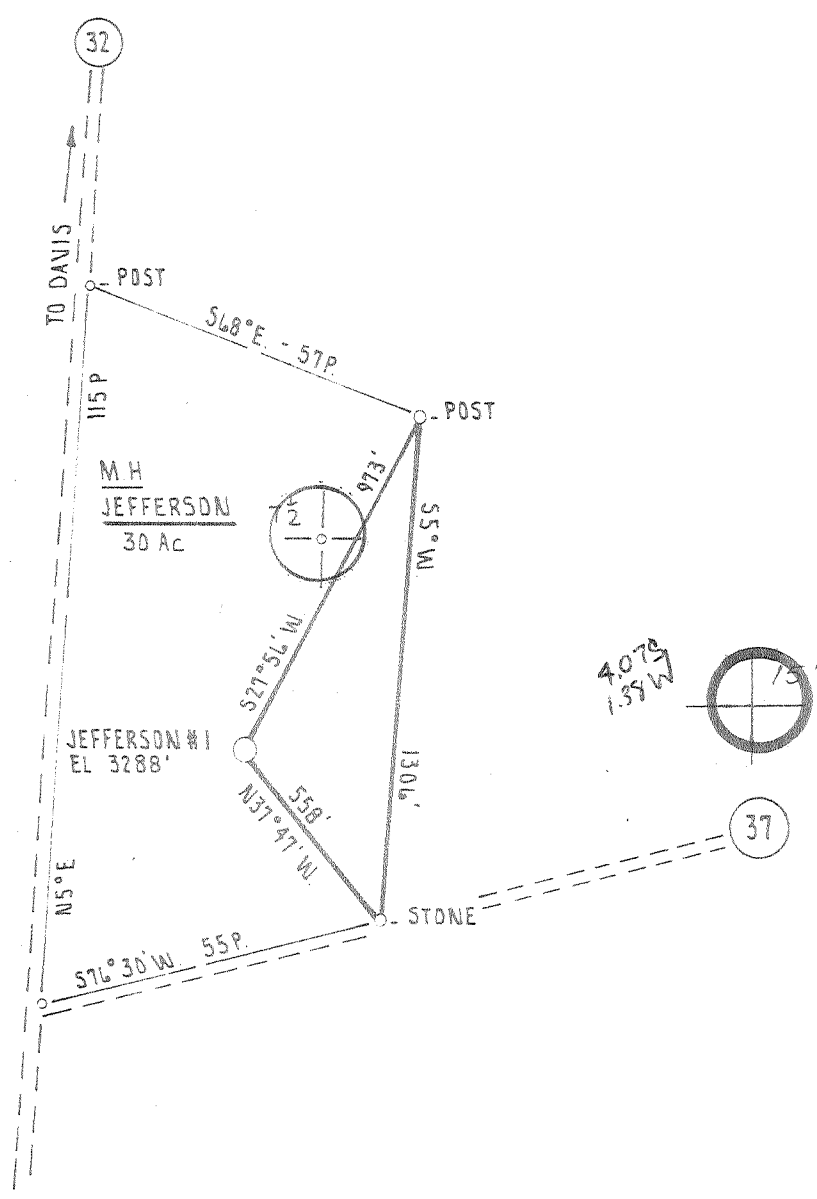
Deep Well

007-13 981

LATITUDE 39° 02' 30"  
(15') 39° 05'

LONGITUDE 79° 25'

WILLIAM and ZULLA  
PENNINGTON  
61 ACRES



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY PART OF 200  
PROVEN SOURCE OF ELEVATION JLT S.L.S. 32 and S.L.S. 37 U.E. 3295'

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) Samuel L. Wheeler  
R.P.E. \_\_\_\_\_ L.L.S. 530

PLACE SEAL HERE

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



DATE SEPTEMBER 23<sup>rd</sup>, 19 80  
OPERATOR'S WELL NO. JEFFERSON #1  
API WELL NO. \_\_\_\_\_  
47 - 093 - 0052  
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 X SHALLOW \_\_\_  
LOCATION: ELEVATION 3290' WATER SHED BLACKWATER RIVER  
DISTRICT DRY FORK COUNTY TUCKER  
QUADRANGLE BLACKWATER FALLS 7.5' DAVIS 15' SW  
SURFACE OWNER MARTIN H. JEFFERSON ACREAGE 30 Ac  
OIL & GAS ROYALTY OWNER MARTIN H. JEFFERSON LEASE ACREAGE 30 Ac  
LEASE NO. \_\_\_\_\_  
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 ELK ESTIMATED DEPTH 4700'  
WELL OPERATOR BEREA OIL and GAS CORP. DESIGNATED AGENT MARK SCHUMACHER  
ADDRESS 901 CHEMICAL BANK BLDG: 69 DELAWARE AVE ADDRESS 652 EMPIRE BANK BUILDING  
BUFFALO, NEW YORK 14202 CLARKSBURG, WEST VIRGINIA 26301

OCT 17 1980



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

SEP 29 1980

OIL AND GAS WELL PERMIT APPLICATION  
OIL AND GAS DIVISION  
DEPT. OF MINES

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

DATE September 23, 1980

Surface Owner Martin H. Jefferson Company Berea Oil & Gas Corporation  
Address #40 Pinecrest Dr., Huntington, WV Address 652 Empire Bank, Clarksburg, WV  
Mineral Owner Martin H. Jefferson Farm M. H. Jefferson Acres 30  
Address #40 Pinecrest Dr., Huntington, WV Location (waters) Blackwater River  
Coal Owner None Well No. #1 Elevation \_\_\_\_\_  
Address \_\_\_\_\_ District Dry Fork County Tucker  
Coal Operator None Quadrangle Blackwater Falls 7.5'

Address \_\_\_\_\_  
THIS PERMIT MUST BE POSTED AT THE WELL SITE

Provisions being in accordance with Chapter 22,  
the W. Va. Code, the location is hereby approved  
for drilling. This permit shall expire if  
operations have not commenced by 6-2-81

INSPECTOR  
TO BE NOTIFIED Robert Stewart  
ADDRESS P.O. Box 345, Jane Lew, WV 26378  
PHONE 304-884-7782

J. B. [Signature]  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated \_\_\_\_\_ 19\_\_\_\_ by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_  
XXX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

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

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

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

Very truly yours,

(Sign Name) [Signature]  
Berea Oil & Gas Corporation  
652 Empire Bank Building  
Clarksburg,  
West Virginia

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 392-6331

Address  
of  
Well Operator

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

47-093-0052

PERMIT NUMBER

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

Signed by \_\_\_\_\_

BLANKET BOND

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

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Mark V. Schumacher  
 ADDRESS \_\_\_\_\_ ADDRESS 652 Empire Bk, Clarksburg, WV  
 TELEPHONE \_\_\_\_\_ TELEPHONE 304-624-6429  
 ESTIMATED DEPTH OF COMPLETED WELL: 4700' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Elk  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
<del>XXXXX</del> 11 3/4"	30'	30'	To Surface
8 - 5 7/8	900'	900'	To Surface
4 1/2	4695'	4695'	1000' Fillup
3			Perf. Top
2			Perf. Bottom
1 1/2			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 20 FEET SALT WATER ---- FEET  
 APPROXIMATE COAL DEPTHS None  
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? \_\_\_\_\_

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

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

TO FRACTURE - STIMULATE:  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

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

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

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

\_\_\_\_\_  
For Coal Company  
\_\_\_\_\_  
Official Title



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

SEP 14 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 9-14-81

Surface Owner Martin H. Jefferson  
Address 40 Pinecrest Dr., Huntington, W. Va.  
Mineral Owner Martin H. Jefferson  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

Company Berea Oil and Gas Corporation  
Address Box 299, Bridgeport, W. Va.  
Farm Jefferson Acres 26.6  
Location (waters) Blackwater River  
Well No. No. 1 Elevation 3290'  
District Dry Fork County Tucker  
Quadrangle Blackwater Falls 7.5

THIS PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22,  
the W. Va. Code, the location is hereby approved  
revised drilling. This permit shall expire if  
operations have not commenced by 5-29-82,

INSPECTOR  
TO BE NOTIFIED Robert Stewart

ADDRESS P.O. 345, Jane Lew, W. Va. 26378

PHONE 304 884 7782

J. G. Murray  
Deputy Director - Oil & Gas Division  
GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated \_\_\_\_\_ 19\_\_\_\_ by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_ in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

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

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

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

Very truly yours,  
(Sign Name) Michael W. Augen

BEREA OIL AND GAS CORPORATION  
Box 299

Address of Well Operator \_\_\_\_\_ Street \_\_\_\_\_  
Bridgeport, \_\_\_\_\_ City or Town \_\_\_\_\_  
W. Va. 26330 State \_\_\_\_\_

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

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

*Survey*

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

BLANKET BOND

47-093- 0052- Revised  
PERMIT NUMBER

To repermit as deep well

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

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Mark V. Schumacher, P.E.  
 ADDRESS \_\_\_\_\_ ADDRESS Box 299, Bridgeport, W. Va.  
 TELEPHONE 4700' TELEPHONE 304 842 6931  
 ESTIMATED DEPTH OF COMPLETED WELL: 0215KANY ROTARY \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: 8500  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
<del>13 3/8"</del> 13 3/8"	30	30	To surface
9 - 5/8"			
8 - 5/8"			
7			
5 1/2			
4 1/2			
<del>3</del> 9-5/8"	3000'	3000'	Perf. Top to surface Perf. Bottom
<del>2</del> 4 1/2"	8500'	8500'	Perf. Top 1000' Perf. Bottom Fillup

APPROXIMATE FRESH WATER DEPTHS 20 FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS None  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

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

TO DRILL DEEPER OR REDRILL:

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

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

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

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

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

\_\_\_\_\_  
 For Coal Company  
 \_\_\_\_\_  
 Official Title



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Martin H Jefferson  
Address 40 Pinecrest Dr., Huntington W. Va.  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

DATE 8-28-82  
Company Berea Oil and Gas Corporation  
Address Box 299, Bridgeport, W. Va.  
Farm M. Jefferson Acres 30  
Location (waters) Blackwater River  
Well No. \_\_\_\_\_ Elevation 3290  
District Dry Fork County Tucker  
Quadrangle Blackwater Falls 7.5

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling renewed. This permit shall expire if operations have not commenced by 4-25-82.

*[Signature]*  
Deputy Director - Oil & Gas Division

INSPECTOR  
TO BE NOTIFIED Robert Stewart  
ADDRESS P.O. 345, Jane Lew W. Va. 26378  
PHONE 304 884 7782

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated \_\_\_\_\_ 19\_\_\_\_ by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

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

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

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

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

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

Very truly yours,  
(Sign Name) *[Signature]*  
Well Operator  
BEREA OIL AND GAS CORPORATION  
Box 299  
Street  
Bridgeport  
City or Town  
W. Va.  
State

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

To repermit 0052

47-093-0052-REN

PERMIT NUMBER

RECEIVED

AUG 24 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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

Signed by *[Signature]*



THIS IS AN ESTIMATE ONLY  
 WHICH WILL BE SUBMITTED ON O.G. TO DEPT. COMPLETION

PROPOSED WORK TO BE DONE BY  DRILL  REFRIGERATE  
 OIL FIELD NO.  R. H. ALKOHOL RESPONSIBLE AGENCY  
 NAME Mark V Schumacher, P.E.  
 ADDRESS Box 299, Bridgeport, W. Va.  
 TELEPHONE 304 842 6931  
 ESTIMATED DEPTH OF COMPLETED WELL 4700' ROTARY  CABLE TOOL  
 PROPOSED GEOLOGICAL FORMATION Elk  
 TYPE OF WELL OIL GAS COAL CC STORAGE DISPOSAL  
 DRILLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM

CASING AND TUBING SIZE	USED FOR DRILLING	FEET IN WELL	CEMENT FILL OR SACKS PER FOOT
11-3/4"	30'	30'	To surface
8-5/8"	900'	900'	To surface
4-1/2"	4695'	4695'	Perf. Top Perf. Bottom 1000 Perf. Top Fillup Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 20 FEET SALT WATER FEET  
 APPROXIMATE COAL DEPTHS None  
 IS COAL BEING MINED IN THE AREA? No BY WHOM?

TO DRILL  
 SUBMIT FIVE (5) COPIES OF O.G. #1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT PLAT

TO DRILL DEEPER OR REDRILL  
 SUBMIT FIVE (5) COPIES OF O.G. #1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. MOST ALSO BE SUBMITTED

TO RE-STRUCTURE, STOP OR  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1930 FIVE (5) COPIES OF O.G. #1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND AFTER JUNE 5, 1930 FIVE COPIES OF O.G. #1, PERFORMANCE BOND AND ORIGINAL PERMIT  
 All well forms must be filed with the Department of Conservation within ten (10) days of completion of the work. The period to be determined, except for 10 hours in advance.

no follow up waiver is required by the coal operator if the permit is to be issued within ten (10) days.

WARRANTY: The contractor shall warrant that the work shall be done in accordance with the rules and regulations of the West Virginia Coal and Oil Reclamation Commission.

We the undersigned hereby certify that the above information is true and correct and that the contractor has provided a performance bond in accordance with the rules and regulations of the West Virginia Coal and Oil Reclamation Commission.

RECEIVED

NOV 1930

WEST VIRGINIA DEPARTMENT OF CONSERVATION