

7/85

RECEIVED
SEP 9 1985

RECEIVED
SEP 20 1985



1) Date: August 27 ^{Sep 5}, 1985
 2) Operator's Well No. ROWLAND LAND #3
 3) API Well No. 47 -081- 0708
 State County Permit

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
 DEPARTMENT OF ENERGY, 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: 1576.63 Watershed: ~~XXXXXXX~~ Martin Fork
 District: Marsh Fork 2 County: Raleigh Quadrangle: Arnett 218
- 6) WELL OPERATOR Berea Oil & Gas CODE: 4650 7) DESIGNATED AGENT Mark Schumacher
 Address One Berea Plaza P.O. Box 299 Address One Berea Plaza P.O. Box 299
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Rodney Dillon
 Address P.O. Box 30
Scarbo, WV 25917
- 9) DRILLING CONTRACTOR: Name _____ Address _____
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Berea
 12) Estimated depth of completed well, 3405' feet
 13) Approximate trrata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: none, well below Is coal being mined in the area? Yes X / No _____
- 15) CASING AND TUBING PROGRAM contour

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			X		40'	40'	To surface	Kinds	
Fresh water	11 3/4		42	X		250'	250'	To surface		
Coal									Sizes	
Intermediate	8 5/8		23	X		1450'	1450'	To surface		
Production	4 1/2		10.5	X		3410'	3410'	1000' Fill	Depths set	
Tubing										
Lin...									Perforations:	
									Top	Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-081-0708

September 27 19 85
 Date

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 September 27, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee	WPCP	S&E	Other
	<u>RB</u>	<u>MU</u>	<u>MU</u>	<u>16698</u> <u>16695</u>	<u>MU</u>	<u>MU</u>	

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

[Signature]
 Director, Division of Oil and Gas

ROWLAND LAND #3

081-0708

OFFICE USE ONLY

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

WELL LOCATION: Marsh Fork, Raleigh, North Carolina 27663

WELL IDENTIFICATION: Berez Oil & Gas Co., P.O. Box 299, Bridgeport, WV 26330

DRILLING CONTRACTOR: Rodney Dillon, P.O. Box 30, Scarbro, WV 25917

PROPOSED WELL WORK: 16' to 42'

DEPTH (ft)	FORMATION	PERMIT	REMARKS
0' to 40'	TO SURFACE	X	
40' to 42'	TO SURFACE	X	

OFFICE USE ONLY

This part of Form WW-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		081-0708
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____



DATE SEPTEMBER 18, 1985

WELL NO. 3

API NO. 47-081-0708

State of West Virginia
Department of ENERGY
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME BEREA OIL & GAS CORP

DESIGNATED AGENT MARK SCHUMACHER

Address ONE BEREA PLAZA, BRIDGEPORT WV

Address ONE BEREA PLAZA, BRIDGEPORT WV

Telephone 304-842-6931 26330

Telephone 304-842-6931 26330

LANDOWNER EASTERN ASSOCIATED COAL CORP. SOIL CONS. DISTRICT _____

Revegetation to be carried out by RECLAMATION CONTRACTOR (Agent)

This plan has been reviewed by Southern SCD. All corrections and additions become a part of this plan: 9-19-85 (Date)

Gary W. Baschais
(SCD Agent)

ACCESS ROAD

LOCATION

Structure STREAM X-ING (A)
Spacing 42" CMP
Page Ref. Manual 2.7

Structure DIVERSION DITCH (1)
Material EARTHERN
Page Ref. Manual 2.12

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

Structure _____ (2)
Material _____
Page Ref. Manual _____

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

Structure _____ (3)
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.

"PASTURE / MEADOW"

REVEGETATION

"WOODED"

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 2 Tons/acre
Seed* 81% ORCH. GRASS / 15% RED CLOVER lbs/acre
KENTUCKY 31 FESCUE lbs/acre
RED CLOVER lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch HAY Tons/acre
Seed* KENTUCKY 31 FESCUE lbs/acre
BIRDSFOOT TREFOIL lbs/acre
PERENNIAL RYE lbs/acre

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

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


PLAN PREPARED BY ROY E. SHREWSBURY, II


ADDRESS Box 1626
BECKLEY, WV 25802

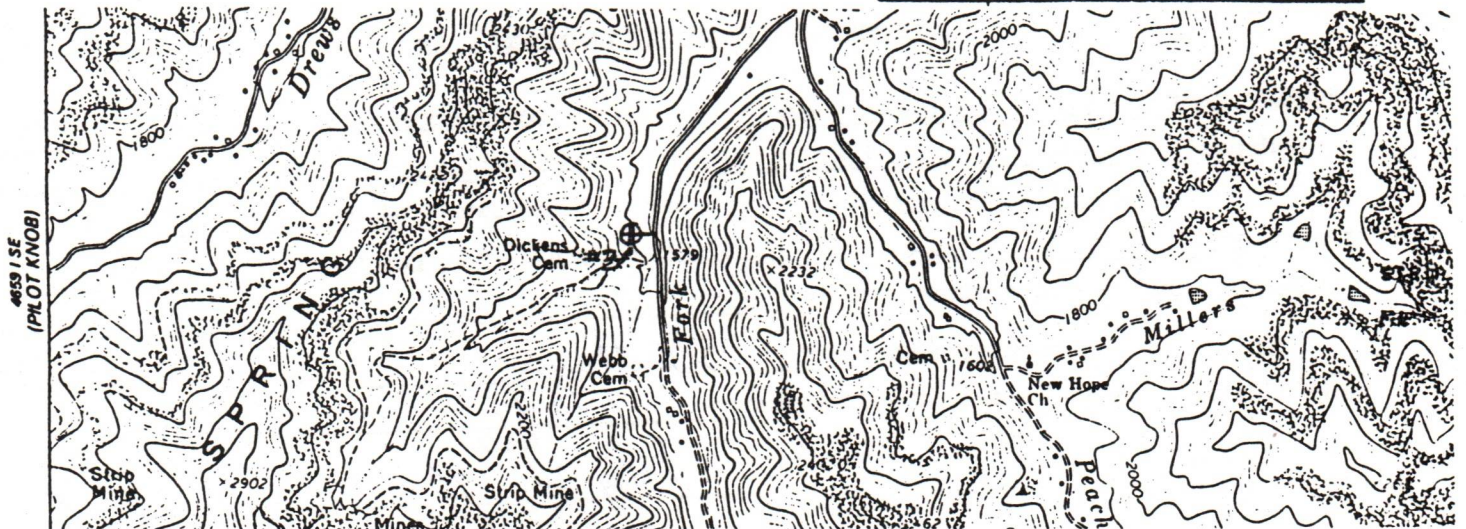
PHONE NO. 304-255-5296

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE _____

LEGEND

Well Site 













Access Road 

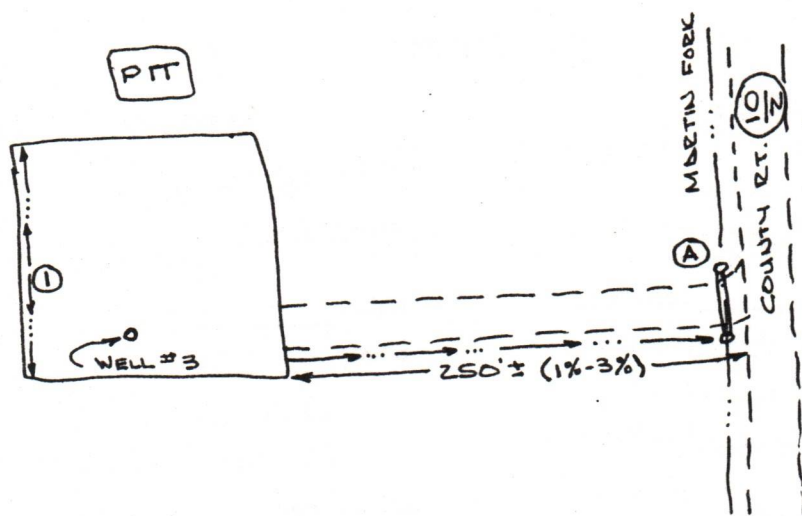


WELL SITE PLAN

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 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



- NOTES:**
1. 2:1 CUT & FILL SLOPES MAX.
 2. TOPSOIL TO BE STOCKPILED FOR USE IN REVEGETATION
 3. ADEQUATE FILTERSTRIP OF NATURAL VEGETATION WILL BE MAINTAINED BETWEEN ROAD & NATURAL WATERCOURSES.
 4. ROCK WILL BE USED ON ROAD AS NEEDED
 5. 12" MIN. CULVERT TO BE USED AT NATURAL DRAINS.
 6. PIT TO BE OF IMPERVIOUS MATERIAL OR LINETZ USED.

RECEIVED
SEP 20 1985

1) Date: August 27, 1985
Operator's
2) Well No. ROWLAND LAND #3
3) API Well No. 47 - 081 - 0708
State County Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name Rowland Land Co. Ltd
Address 1033 Quarrier St.
Charleston, WV 25301

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5 (i) COAL OPERATOR

Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Eastern Assoc. Coal Co.
Address 1 PPG Place
Pittsburgh, PA 15222

Name _____
Address _____

(SUB)

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name Ranger Fuel Company
Address P.O. Box 966
Beckley, WV 25801

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 WW-2(B) 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 WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-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 WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B 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 Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-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 Director of the Division of Oil and Gas.

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

RECEIVED
SEP 9 1985

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 22B-1-8(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 WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Gary Innes,
this 27th day of August, 1985;
My commission expires Jan 3, 1993

Notary Public, Harrison County,
State of West Virginia

WELL OPERATOR BEREA OIL & GAS CORP.

By Gary Innes
Its Senior Landman
Address P.O. Box 299
Bridgeport, WV 26330
Telephone (304) 842-6931

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 Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

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

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book page</u>
Rowland Land Co. Ltd.	Berea Oil & Gas Corp.	1/8	54- 349

RECEIVED
SEP 9 1985

SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1. Company Name BEREA OIL & GAS CORPORATION
2. Mailing Address P.O. BOX 299 Bridgeport WV 26330
street city state zip
3. Telephone (304) 842-6931 4. Well Name ROWLAND LAND #2
5. Latitude 37° 50' 00" Longitude 81° 25' 00"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-081-0708
8. County Raleigh 9. Nearest Town Pineknob
10. Nearest Stream Peachtree Crk 11. Tributary of Marsh Fork River
12. Will Discharge be Contracted Out? yes X no _____
13. If Yes, Proposed Contractor Kolb Enterprises
Address P.O. Box 3855 Charleston, WV 25388
Telephone (304) 744-9555
14. Proposed Disposal Method: UIC _____ Land application X
Off Site Disposal _____ Reuse _____ Centralized Treatment _____
Thermal Evaporation _____ Other _____
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

RECEIVED
DEC 17 1985



State of West Virginia
DIVISION OF OIL & GAS DEPARTMENT OF ENERGY
DEPT. OF ENERGY Oil and Gas Division

Date December 16, 1985
Operator's
Well No. Rowland Land #3
Farm Rowland Land Co.
API No. 47 - 081 - 0708

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

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

LOCATION: Elevation: 1584.80' Watershed Martin Fork
District: Marsh Fork County Raleigh Quadrangle Arnett

COMPANY 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
SURFACE OWNER Rowland Land Company LTD
1033 Quarrier St., Room 301
ADDRESS Charleston, Wst Virginia 25301
MINERAL RIGHTS OWNER Eastern Associated Coal
ADDRESS One PPG Plaza, Pittsburgh, PA 15222
OIL AND GAS INSPECTOR FOR THIS WORK Rodney
Dillon ADDRESS P.O. Box 30, Scarbo, WV
PERMIT ISSUED 9/27/85 25917
DRILLING COMMENCED 10/12/85
DRILLING COMPLETED 10/22/85

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size <u>20-16" Cond.</u>		40	10 sks
11 3/4" xxxxxx	218'	205'	120 sks
<u>9 5/8</u>			
<u>8 5/8</u>	1440'	1408'	375 sks.
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	3612'	3473'	242 sks.
<u>3</u>			
<u>2</u>			
Liners used			

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

GEOLOGICAL TARGET FORMATION Gordon Depth 3700 feet
Depth of completed well 3612 feet Rotary XX / Cable Tools _____
Water strata depth: Fresh 25' 55' feet; Salt 400' 198' feet
Coal seam depths: none Is coal being mined in the area? yes

OPEN FLOW DATA See well treatment details
Producing formation Gordon & Lower Maxton Pay zone depth _____ feet
Gas: Initial open flow none Mcf/d Oil: Initial open flow none Bbl/d
Test Date: Final open flow 379 Mcf/d Final open flow none Bbl/d
12/11/85 Time of open flow between initial and final tests 72 hours
Static rock pressure 800 psig (surface measurement) after 4 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

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

10/28/85 Perf. Gordon: 3320 - 3321' (2 holes) 3332 - 3337' (14 holes)	10/29/85 Frac. Gordon: Form. broke @ 1600#. ISIP 1350# 5 min 1250#. Used 285 BW, avg rate 7.5 BPM, avg foam rate 30 BPM @ 1683#. Avg. Nitrogen rate 13,000 SCFM. Used 500 gal 15% HCL acid, 60,000# 20/50 sand and 600,600 SCF Nit.
---	---

10/29/85 Perf. Lower Maxton: 2048 - 2052' (6 holes) 2056 - 2070' (8 holes)	10/29/85 Frac. Lower Maxton: Form broke @ 2000#, ISIP 1100# 5 min 1000#. Used 265 BW, avg rate 7.25BPM, avg foam rate 29 BPM @ 1618#, avg. nitrogen rate 12,000 SCFM. Used 1000 gal 15% HCL acid, 45,000# 20/50 sand and 489,000 SCF nitrogen.
--	--

WELL LOG

FORMATION COLOR HARD OR SOFT From Drillers Log	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
KB-GL	0	10	
Fill	10	13	
Sand	13	18	
Sand & Shale	18	70	1/2" stream wtr. @ 25'
Sand	70	300	3" stream wtr. @ 55'
Sandy Shale	300	325	
Shale	325	332	
Sand	332	397	
Shale	397	422	1/4" stream wtr. @ 400'
Sand	422	427	
Shale	427	452	
Sand & Shale	452	456	
Sand	456	786	
Sandy Shale	786	839	Gas check @ 2643' - no show
Sand	839	853	
Shale & Sand	853	873	
Sand	873	904	
Shale	904	910	
Sand	910	1036	
Sand & Shale	1036	1165	
Red Rock	1165	1169	1" stream water
Sand & Shale	1169	1439	
From CDL:			
Ravencliff	1424	1472	
Shale	1472	1478	
Avis Lime	1478	1514	
Sand & Shale	1514	1857	
Maxton	1857	1952	
Sand & Shale	1952	2046	1" stream wtr. @ 1981'
Lower Maxton	2046	2163	
Shale	2163	2192	
Little Lime	2192	2238	
Pencil Cave	2238	2256	
Big Lime	2256	2627	
Shale	2627	2742	
Upper Weir	2742	2800	
Sand & Shale	2800	2852	
Lower Weir	2852	2902	
Shale	2902	3132	/ Gordon 3317 3350
Coffee Shale	3132	3142	/ Shale 3350 3602
Berea	3142	3158	/
Shale	3158	3317	/

(See next column)

Berea Oil & Gas Corp.

Well Operator

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

Date: December 16, 1985

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
MAR 10 1986



1) Date: March 7, 1986
2) Operator's Well No. ROWLAND LAND #3
3) API Well No. 47 - KXX081.0708 P
State County Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

- 4) WELL TYPE: A Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____
B (If "Gas", Production X / Underground storage) _____ / Deep _____ Shallow X /)
- 5) LOCATION: Elevation: 1577' Watershed: Martin Fork
District: Marsh Fork 2 County: Raleigh Quadrangle: Arnett 218
- 6) WELL OPERATOR Berea Oil & Gas CODE 4650 7) DESIGNATED AGENT Mark V. Schumacher
Address One Berea Plaza P.O. Box 299 Address One Berea Plaza P.O. Box 299
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
Name Rodney G. Dillon Name Tri-State Well Service
Address P.O. Box 1526 Address P.O. Box 299
Sophia, WV 25921 Bridgeport, WV 26330

10) WORK ORDER: The work order for the manner of plugging this well is as follows:
P&A as follows: ⁶ 3300' -3200' 100' cmt. plug; 3200' -2000' gel plug;
2000' -1900' 100' cmt. plug; Cut pipe @ 1800' 1900' -1800' gel plug;
1800' -1700' 100' cmt. plug; 1700' -1500' gel plug; 1500' -1400'
cmt. plug; 1400' -100' gel plug; 100' Surface 100' cmt. plug.

OFFICE USE ONLY

PLUGGING PERMIT

Permit number 47-081-0708-P

March 18, 1986

Date

This permit covering the well operator and well location shown below is evidence of permission granted to plug 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 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires March 18, 1988 unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: <u>✓</u>	Agent: <u>✓</u> <u>MB</u>	Plat: <u>MS</u>	OK Casing: <u>mx</u>	WPCP: <u>NR</u>	OTHER:
----------------	------------------------------	-----------------	----------------------	-----------------	--------

John Johnston by *Margaret J. Hesse*
Director, Division of Oil & Gas

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

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

RECEIVED
MAR 10 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: August 27, 1985
Operator's
2) Well No. ROWLAND LAND #3
3) API Well No. 47 - 081 - 0708-P
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name Rowland Land Co. Ltd
Address 1033 Quarrier St.
Charleston, WV 25301

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5 (i) COAL OPERATOR

Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:

Name Eastern Assoc. Coal Co.
Address 1 PPG Place
Pittsburgh, PA 15222

Name _____
Address _____

(SUB)

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name Ranger Fuel Company
Address P.O. Box 966
Beckley, WV 25801

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

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Take notice that under Chapter 22B 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 Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-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 Director of the Division of Oil and Gas.

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 22B-1-8(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 WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Gary Innes,
this 27th day of August, 1985,
My commission expires Jan 3, 1993

Notary Public, Harrison County,
State of West Virginia

WELL OPERATOR BEREA OIL & GAS CORP

By Gary Innes
Its Senior Landman
Address P.O. Box 299
Bridgeport, WV 26330
Telephone (304) 842-6931

RECEIVED
SEP 9 1985
MAR - 5 1986
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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 Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

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

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book page</u>
Rowland Land Co. Ltd.	Berea Oil & Gas Corp.	1/8	54- 349

APR 3 1986

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Ranger Fuel Corp. Coal Operator or Owner Beckley, WV 25801 Address Eastern Associated Coal Co. Coal Operator or Owner #1 PPG Place, Pittsburgh, PA 15222 Address Rolwand Land Co., LTD. Lease or Property Owner 1033 Quarrier St., Charleston, WV 25301 Address

Berea Oil & Gas Corp. Name of Well Operator P.O. Box 299, Bridgeport, WV 26330 Complete Address April 2, 19 86 WELL AND LOCATION Marsh Fork District Raleigh County WELL NO. Rowland Land #3 Rowland Land Co., LTD. Farm

STATE INSPECTOR SUPERVISING PLUGGING Rodney Dillon, P.O. Box 1526, Sophia, WV 25921

AFFIDAVIT

STATE OF WEST VIRGINIA, County of Harrison ss:

Mark V. Schumacher and John M. Walsh

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Berea Oil & Gas Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 27th day of March, 19 86, and that the well was plugged and filled in the following manner:

Table with 4 columns: Sand or Zone Record, Filling Material, Plugs Used, Casing. Rows include Gordon & Shale, Sand & Shale, Weir, B. Lime, L. Lime, Pencil Cave, Maxton, Sand & Shale, Sand, Shale, Maxton, Sand & Shale, Avis, Sand & Shale, Ravencliff, Avis Sand & Shale, Sand, Shale, R.R, Sand & Shale, Topped off with 5 sx. Class A cement, Coal Seams, (Name), (Name), (Name), (Name).

and that the work of plugging and filling said well was completed on the 27th day of March, 19 86.

And further deponents saith not.

Sworn to and subscribed before me this 2nd day of April, 19 86.

Handwritten signatures of Mark V. Schumacher, John M. Walsh, and Lattie E. Kernal, Notary Public.

My commission expires:

January 3, 1993

Permit No. 47-081-0708-P

FILED 0708-P

*release for
let permit only*
*need
release for
plug permit*

INSPECTOR'S PERMIT SUMMARY FORM



WELL TYPE gas
ELEVATION 1576
DISTRICT Marsh Fork
QUADRANGLE Arnett
COUNTY Raleigh

API# 47- 081 - 0708
OPERATOR Berea
TELEPHONE _____
FARM Rowland Land Co.
WELL # 3

SURFACE OWNER Rowland Land COMMENTS _____ TELEPHONE _____
TARGET FORMATION Sordon DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION 10/85 NOTIFIED yes DRILLING COMMENCED 10-12-85

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran 204 feet of 1 13/4 "pipe on 10-15 with CTS fill up
Ran 1408 feet of 8 5/8 "pipe on _____ with CTS fill up
Ran 3483 feet of 4 1/2 "pipe on 10-22 with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD 3712 feet on 10/22/85

DEPARTMENT OF ENERGY
OIL AND GAS

PLUGGING

APR 8 1986
Pipe Removed

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 4-3-86

R. Dillon
Inspector's signature

API# 47 081 - 0208

LIST ALL VISITS FOR THIS PERMIT

Century Petroleum Rig # 1

DATE	TIME	PURPOSE	COMMENTS
10-10		look after building	
10-15		Run 204' 11 ³ / ₄ CTS	
10-17		soaping at 634'	
10-23		move rig	
11-22		Swab Well	
12-2		not producing not reclaimed	
1-2-86		Not Spd	

Notes

Co. Has Permit to Plug
Well Has Been Plugged
I'll Send in Final ON Plug Permit
When Complete

INSPECTOR'S PERMIT SUMMARY FORM

(3-18-86)

WELL TYPE GAS API# 47- 081-0708-P
 ELEVATION 1577 OPERATOR Berea Oil & Gas
 DISTRICT Marsh Fork TELEPHONE _____
 QUADRANGLE Arnett FARM _____
 COUNTY Raleigh WELL # Rowland Land 3

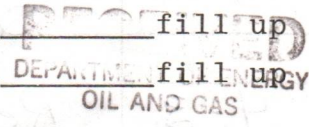
SURFACE OWNER Rowland Land Co. COMMENTS _____ TELEPHONE _____
 TARGET FORMATION Gordon DATE APPLICATION RECEIVED 3-20-86

DATE STARTED _____ LOCATION _____ NOTIFIED yes DRILLING COMMENCED 3-27-86

WATER DEPTHS _____, _____, _____, _____
 COAL DEPTHS _____, _____, _____, _____

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
 Ran _____ feet of _____ "pipe on _____ with _____ fill up
 Ran _____ feet of _____ "pipe on _____ with _____ fill up
 Ran _____ feet of _____ "pipe on _____ with _____ fill up



TD _____ feet on _____

PLUGGING

MAY 14 1986

Type	From	To	Pipe Removed
4 1/2	1854	0	1854

Pit Discharge date: _____ Type _____
 Field analysis ph _____ fe _____ cl _____
 Well Record received _____

Date Released 5-7-86

R. Dillon
 Inspector's signature

API# 47 081 - 0208P

LIST ALL VISITS FOR THIS PERMIT

Tri-State Well Service

	DATE	TIME	PURPOSE	COMMENTS
1	3-27-86		Pump Cement 100' plug	3300' - 3200'
2			gel	3200' - 2000'
3			Cmt.	2000' - 1900'
4			Cut 4 1/2 AT	1850'
5			gel	1900' - 1800'
6			Cmt.	1850' - 1750'
7			gel.	1750' - 1500'
8			Cmt.	1500' - 1400'
9			gel	1400' - 100'
10			Cmt.	100' - 0
11			Set	Monument
12				
13	4-3		Reclaim + Seed	location
14				
15				
16				
17				
18				
19				
20				

Notes



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

John Johnston
 Director

ARCH A. MOORE, JR.
 Governor

May 16, 1986

Berea Oil & Gas Corporation
 Post Office Box 299
 Bridgeport, West Virginia 26330

In Re: Permit No: 47-081-0708-P
 Farm: Rowland Land Company
 Well NO: Rowland Land #3
 District: Marsh Fork
 County: Raleigh
 Issued: 3-18-86

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

XXXX The well designated by the above captioned permit number has been released under your Blanket Bond.

_____ Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

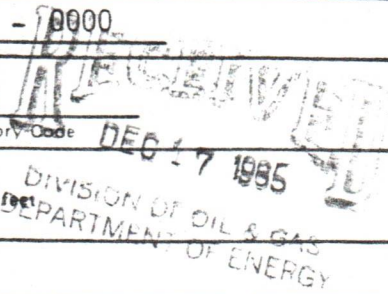
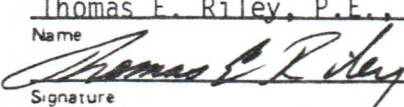
_____ Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

Respectively,

Theodore M. Streit
 Deputy Director--Inspection & Enforcement

TMS/ nw

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 081 - 2- 0708 - 0000				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	102 Section of NGPA	2 Category Code			
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	N/A				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Berea Oil & Gas Corp. Name P. O. Box 299 Street Bridgeport, West Virginia City State Zip Code 26330			Seller Code	
5.0 Location of this well. [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Marsh Fork District Field Name Raleigh WV County State				
(b) For OCS wells:	N/A Area Name Block Number Date of Lease: _____ Mo. Day Yr. OCS Lease Number				
(c) Name and identification number of this well: (35 letters and digits maximum.)	Rowland Land #3				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Hope Gas Inc. Name			Buyer Code	
(b) Date of the contract:	No Contract _____ Mo. Day Yr.				
(c) Estimated total annual production from the well:	30 Million Cubic Feet				
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	No Contract	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	Deregulated	-----	-----	-----
9.0 Person responsible for this application:	Thomas E. Riley, P.E., Manager of Engineering Name Title  Signature December 16, 1985 Date Application is Completed (304) 842-6931 Phone Number				

Agency Use Only
Date Received by Juris. Agency DEC 17 1985
Date Received by FERC

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

18311 - 71

JAN 15 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 12/16, 19 85

4650

AGENCY USE ONLY

Applicant's Name: Berea Oil & Gas Corp.

Address: P. O. Box 299
Bridgeport, West Virginia 26330

Gas Purchaser Contract No. No Contract

Date of Contract N/A
(Month, day and year)

First Purchaser: Hope Gas Inc. P637

Address: 445 West Main Street
(Street or P.O. Box)
Clarksburg West Virginia 26301
(City) (State) (Zip Code)

FERC Seller Code _____

WELL DETERMINATION FILE NUMBER
851217 -1022-081- 0708
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Thomas E. Riley, P.E.

Address: P. O. Box 299
Bridgeport, West Virginia 26330

FERC Buyer Code _____

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

Name: Thomas E. Riley, P.E. Manager of Engineering
(Print) (Title)

Signature: Thomas E. Riley

Address: P. O. Box 299
(Street or P.O. Box)
Bridgeport West Virginia 26330
(City) (State) (Zip Code)

Telephone: (304) 842-6931
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

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

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

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

AGENCY USE ONLY

015
QUALIFIED

RECEIVED
DEC 17 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

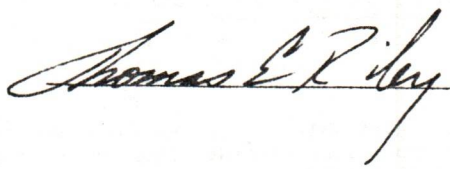
Date Received

Determination Date

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes _____ No XX. If yes, indicate the type and source of the information.

AFFIDAVIT

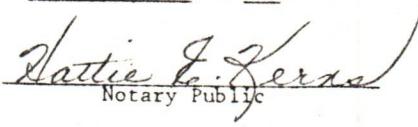
I, Thomas E. Riley, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief there is no marker well within 2.5 miles of the well for which this determination is sought.



STATE OF WEST VIRGINIA,
COUNTY OF Harrison, TO WIT:

I, Hattie E. Kerns, a Notary Public in and for the state and county aforesaid, do certify that Thomas E. Riley, whose name is signed to the writing above, bearing date the 16th day of December, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 16th day of December, 1985
My term of office expires on the 3rd day of January, 1993


Notary Public

[NOTARIAL SEAL]

* * * * *

BOTTOM HOLE PRESSURE DATA

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

$$BHP = P_W (GL/53.34 T)$$

Where as : PW = 814.7 psia
G = .57
L = 2692.5'
T = 560°R

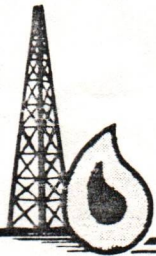
BHP = 856 psia

EXHIBIT "A"
BEREA OIL & GAS CORP.

ROWLAND LAND CO. #3, RALEIGH COUNTY, WEST VIRGINIA (47-081-0708)

Identification of all wells within 2.5 mile radius of the applicant well, listing API Number, Completion Date, Plugging Date and Status.

<u>API WELL NUMBER</u>	<u>COMPLETION DATE</u>	<u>PLUGGING DATE</u>	<u>STATUS</u>
47-081-0017	05-06-43	10-08-43	P & A (Never Produced)
47-081-0018	02-00-43	05-18-43	P & A (Never Produced)
47-081-0194	06-00-52	06-26-52	P & A (Never Produced)



berea oil & gas corp.

Gas and Oil Exploration and Management
RECEIVED
MAR 10 1986
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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

March 3, 1986

RECEIVED
MAR - 5 1986
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Rowland Land Co., Ltd.
1033 Quarrier Street
Charleston, WV 25301

RE: Rowland Land #3
P&A Application

Dear Sirs:

According to the West Virginia Code SS 22-4-1m and 22-4-9- please find enclosed your copy of the Surface Owners Form IV-4B.

This is to notify you of Berea's application for a permit to Plug and Abandon the Rowland Land #3 located in Marsh Fork District, Raleigh County, West Virginia.

If you have any questions regarding the above mentioned information, please feel free to call our Bridgeport office.

Sincerely,

BEREA OIL & GAS CORP.

David L. Mitchell
Landman

Via Certified Mail
P 409 534 483

DM:jm
enclosure
xc:

T.O'Neill M. Schumacher
G. Kubisty J. Walsh
H. Zirkle L. Kerns
Well File

• Corporate Headquarters •

69 Delaware Avenue • 900 Chemical Bank Building • Buffalo, New York 14202-3878 • (716) 842-0711 • Telex # 646894

RECEIVED
MAR - 5 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

RECEIVED
MAR 10 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

P 409 534 483

RECEIPT FOR CERTIFIED MAIL

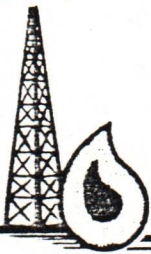
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

* U.S.G.P.O. 1985-480-794

Sent to	
Rowland Land Co.Ltd.	
Street and No.	
1033 Quarrier St.	
P.O., State and ZIP Code	
Charleston, WV 25301	
Postage	\$ 22
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.70
Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	
Postmark or Date	

PS Form 3800, June 1985





berea oil & gas corp.

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

March 7, 1986

RECEIVED
MAR 10 1986

James Garland Osborne, Sr.
President
Ranger Fuel Corporation
Beckley, WV 25801

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

RE: Rowland Land #3
P&A Application

Dear Mr. Osborne:

According to the West Virginia Code SS 22-4-1m and 22-4-9- please find enclosed your copy of the Coal Owners Form WW 4(B) showing your company as being Coal Lessee.

This is to notify you of Berea's application for a permit to Plug and Abandon the Rowland Land #3 located in Marsh Fork District, Raleigh County, West Virginia.

If you have any questions regarding the above mentioned information, please feel free to call our Bridgeport office.

Sincerely,

BEREA OIL & GAS CORP.

David L. Mitchell

David L. Mitchell
Landman

Via Certified Mail
P 409 534 481

DM: jm
enclosure
xc:
T.O'Neill M. Schumacher
G. Kubisty J. Walsh
H. Zirkle L. Kerns
Well File

• Corporate Headquarters •

RECEIVED
MAR 10 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

P 409 534 482

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1985-460-794

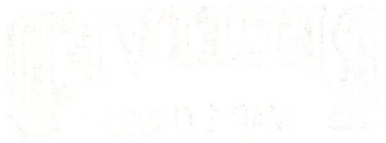
Sent to EACC Robert Cymbor	
Street and No. 1 PPG Place	
P.O., State and ZIP Code Pittsburgh, PA 15222	
Postage	\$ 22
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	70
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date and Delivery	
Postage	\$ 1.67

PS Form 3800, June 1985



REPORT OF THE BOARD OF DIRECTORS

FOR THE YEAR ENDING DECEMBER 31, 1964



PROPERTY OF THE COMPANY

1964

The Board of Directors has the honor to present to you the report of the management for the year ending December 31, 1964. The year has been a period of steady growth and progress for the Company. Our sales have increased significantly, and we have expanded our operations in several key areas. We are confident that the future holds great promise for the Company, and we are committed to continued growth and success.

Very truly yours,
[Signature]

1964

RECEIVED
 MAR 10 1986
 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

P 409 534 481

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

* U.S.G.P.O. 1985-480-794

PS Form 3800, June 1985

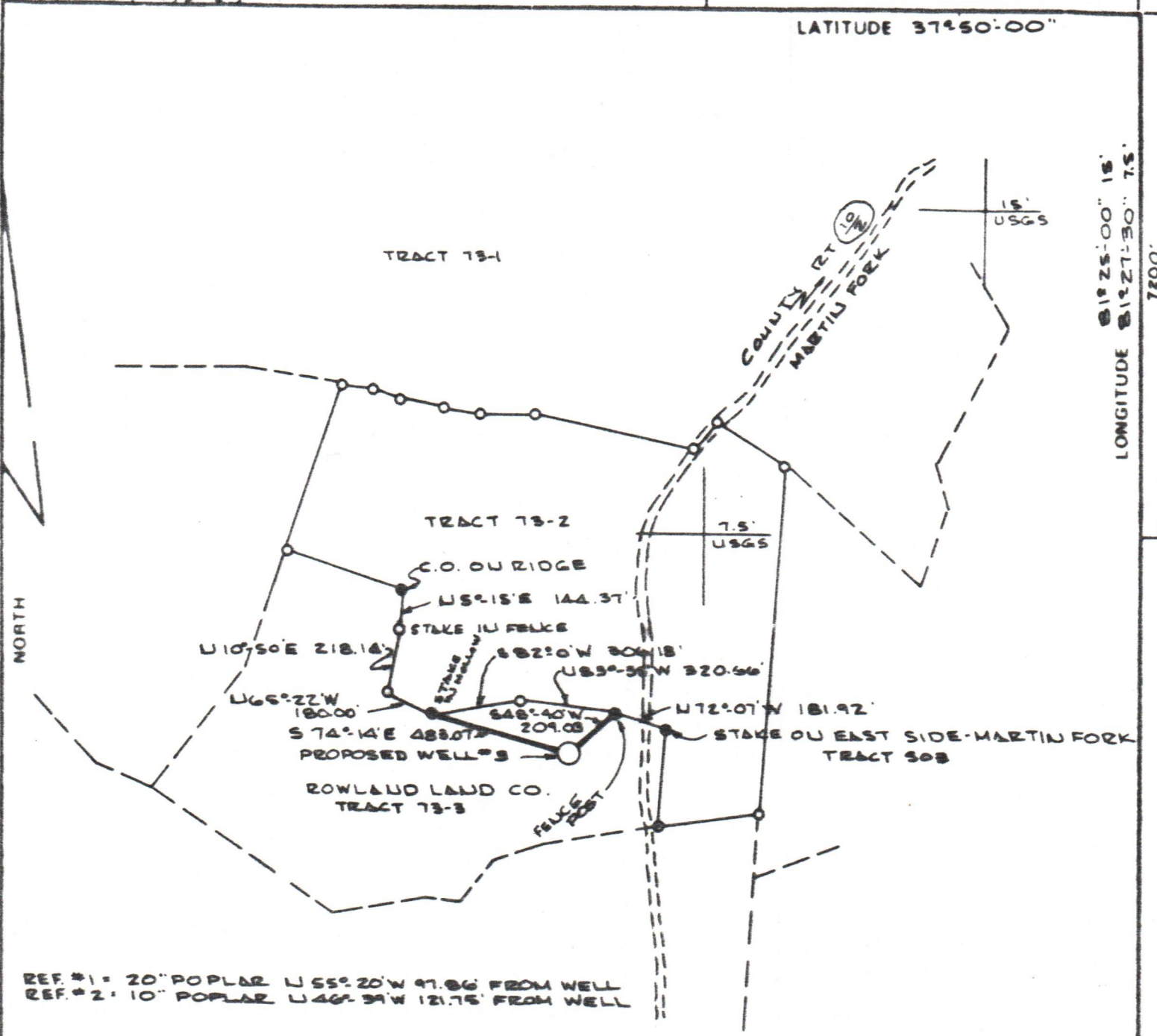
Sent to Ranger Fuel Co.	
Street and No. P.O. Box 966	
P.O., State and ZIP Code Beckley, WV 25801	
Postage	\$ 22
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.70
Return Receipt showing Date and Address to whom	
TOTAL Postage and Fees	\$ 1.67
Postage	



77N 9-20-85

LATITUDE 37°50'00"

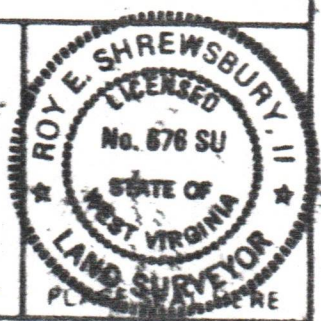
LONGITUDE 81°27'30" 75'



REF. #1 = 20" POPLAR N 55° 20' W 97.86' FROM WELL
 REF. #2 = 10" POPLAR N 46° 39' W 121.75' FROM WELL

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1" = 10,000'
 PROVEN SOURCE OF ELEVATION BALKER FUEL
B-1, EL. 1447.10'

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) [Signature]
 R.P.F. _____ L.L.S. 676 S.U.



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



DATE _____ 19 85
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-081-0708-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION ELEVATION 1524.80 WATER SHED MARTIN FORK
 DISTRICT MARSH FORK COUNTY BOLLEIGH
 QUADRANGLE ARNETT
 SURFACE OWNER EASTERN ASSOCIATED COAL CORP. ACREAGE 25.79
 OIL & GAS ROYALTY OWNER ROWLAND LAND COMPANY, LTD. LEASE ACREAGE 20.75
 LEASE NO. _____
 PROPOSED WORK DRILL ___ 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 BREED ESTIMATED DEPTH 2405
 WELL OPERATOR BREDA OIL & GAS CORP. DESIGNATED AGENT MARK SCHUMACHER
 ADDRESS ONE BREDA PLAZA ADDRESS ONE BREDA PLAZA
BRIDGEPORT, WY 26330 BRIDGEPORT, WY 26330



900 Chemical Bank Building
 69 Delaware Avenue
 Buffalo, New York 14202
bera oil & gas corp.
Gas and Oil Exploration and Management

WELL LOCATION PLAT
ROWLAND LAND CO. #3 47-081-0708

SCALE: 1" = 4,000'

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes _____ No XX. If yes, indicate the type and source of the information.

AFFIDAVIT

I, Thomas E. Riley, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief there is no marker well within 2.5 miles of the well for which this determination is sought.

Thomas E. Riley

STATE OF WEST VIRGINIA,
COUNTY OF Harrison, TO WIT:

I, Hattie E. Kerns, a Notary Public in and for the state and county aforesaid, do certify that Thomas E. Riley, whose name is signed to the writing above, bearing date the 16th day of December, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 16th day of December, 1985

My term of office expires on the 3rd day of January, 1993

[NOTARIAL SEAL]

Hattie E. Kerns
Notary Public

* * * * *

BOTTOM HOLE PRESSURE DATA

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

$$BHP = P_w \left(\frac{GL}{53.34 T} \right)$$

Where as : PW = 814.7 psia

G = .57

L = 2692.5'

T = 560°R

BHP = 856 psia

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

Date December 16, 19 85

Operator's Well No. Rowland Land #3

API Well No. 47 - 081 - 0708
State County Permit

WELL CLASSIFICATION FORM

WELLS DRILLED MORE THAN 2.5 MILES FROM A MARKER WELL
NGPA Section 102(c)(1)(B)(i) Category 2

DESIGNATED AGENT Thomas E. Riley, P.E.

ADDRESS P. O. Box 299

Bridgeport, West Virginia 26330

LOCATION: Elevation 1584.80'

Watershed Martin Fork

Dist. Marsh Fork County Raleigh Quad. Arnett

Gas Purchase Contract No. No Contract

Meter Chart Code Not available

Date of Contract N/A

WELL OPERATOR Berea Oil & Gas Corp.

ADDRESS P. O. Box 299

Bridgeport, West Virginia

GAS PURCHASER Hope Gas Inc.

ADDRESS P. O. Box 299

Bridgeport, West Virginia 26330

* * * * *

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

Checked logs, B & O records, production figures available. Records located in our well files. Appalachian Well Log Services, Midland, Texas. State of West Virginia Geological drilling samples report and completion reports reviewed carefully.

Describe the search made of any records listed above:

Reviewed logs and pay section - our files. Drew well location plat showing all wells within a 2.5 mile radius of applicant well and prepared exhibit "A" identifying all wells within a 2.5 mile radius of applicant well.

Are there any records not reasonably available to you which may contain information relevant to a determination of eligibility? Yes No XX. If yes, identify such records and indicate their location, if known:



berea oil & gas corp.

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

March 7, 1986

RECEIVED
MAR 10 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Robert Cymbor
EASTERN ASSOCIATED COAL COMPANY
1 PPG. Place
Pittsburgh, PA 15222

RE: Rowland Land #3
P&A Application

Dear Mr. Cymbor:

According to the West Virginia Code SS 22-4-1m and 22-4-9- please find enclosed your copy of the Coal Owners Form WW 4(B).

This is to notify you of Berea's application for a permit to Plug and Abandon the Rowland Land #3 located in Marsh Fork District, Raleigh County, West Virginia.

If you have any questions regarding the above mentioned information, please feel free to call our Bridgeport office.

Sincerely,

BEREA OIL & GAS CORP.

David L. Mitchell

David L. Mitchell
Landman

Via Certified Mail
P 409 534 482

DM:jm
enclosure
xc:

T.O'Neill M. Schumacher
G. Kubisty J. Walsh
H. Zirkle L. Kerns
Well File

• Corporate Headquarters •