

REVISED LOCATION
 New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure DNE PART IN 200
 Source of Elevation JCT. RT. FKS. RT. 32 AND S.L.S. 37
ELEVATION 3295'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Eureka Oil & Gas Corporation
 Address P.O. Box 299-Bridgeport, WVa. 26330
 Farm BEN THOMPSON
 Tract _____ Acres 1100 Lease No. _____
 Well (Farm) No. _____ Serial No. THOMPSON #1
 Elevation (Spirit Level) 3217'
 Quadrangle BLACKWATER FALLS 7.5'
 County TUCKER District DRY FORK
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. _____ Drawing No. _____
 Date SEPT 19TH 1978 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
APR WELL No. 47-093-0046 W
Rework - cancelled
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.
 AUG 16 1994

TUCKER 0046 W - CORN

8700'

Latitude 39° 02' 30"

Jamie
9/17/92

7 1/2

Longitude 79° 25'

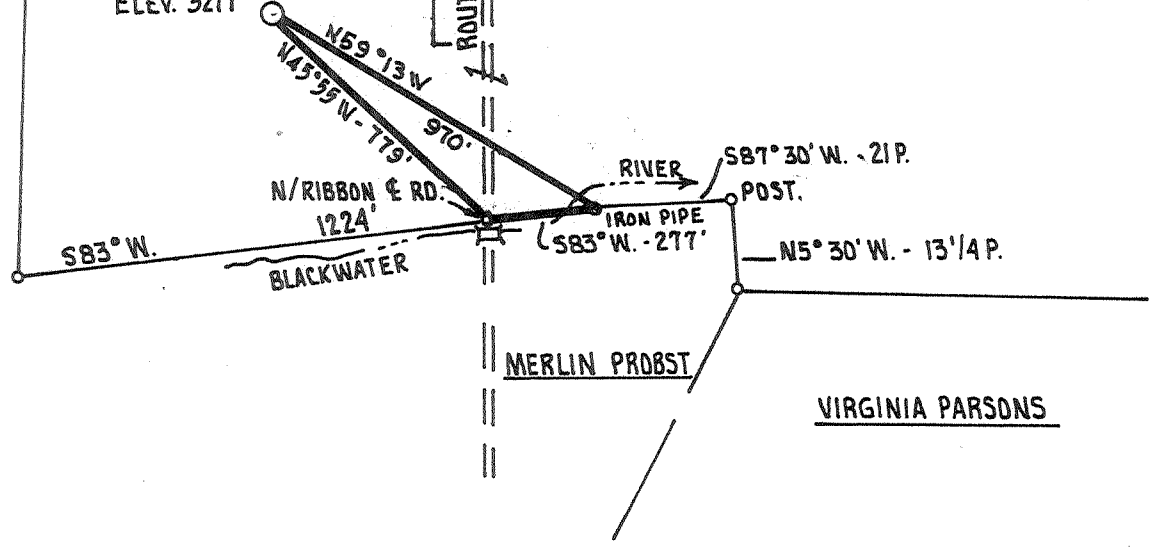
950'

BEN THOMPSON
1100 Acre ±

CANAAN VALLEY
STATE PARK

THOMPSON #1
ELEV. 3217'

↑ TO DAVIS
HOWARD FURGENSON
ROUTE 32



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ONE PART IN 200
 Source of Elevation JCT. RT. FKS. RT. 32 AND S.L.S. 37
ELEVATION 3295'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company BEREA OIL & GAS CORP.
 Address 901 CHEMICAL BANK BUILDING
69 DELAWARE AVE. - BUFFALO, NEW YORK 14202
 Farm BEN THOMPSON
 Tract _____ Acres 1100 Lease No. _____
 Well (Farm) No. _____ Serial No. THOMPSON #1
 Elevation (Spirit Level) 3217'
 Quadrangle BLACKWATER FALLS 7.5'
 County TUCKER District DRY FORK
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. _____ Drawing No. _____
 Date AUGUST 25, 1978 Scale 1" = 500'

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

WELL LOCATION MAP
 API well no. 47-093-00046-P

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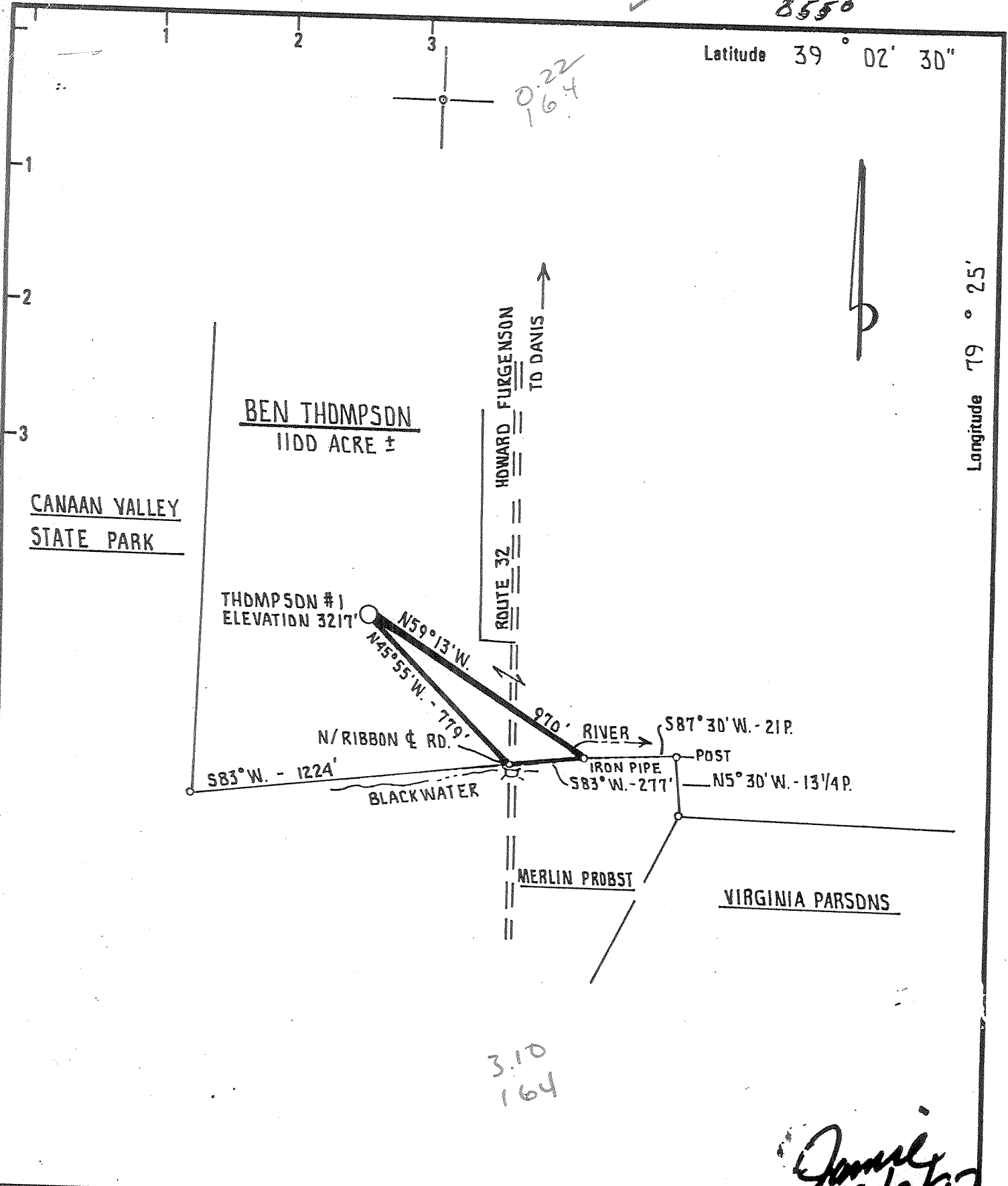
SEP 21 1992

8550'

Latitude 39° 02' 30"

Longitude 79° 02' 25"

1200'



*James
6/2/92*

- REVISED LOCATION
- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure DNE PART IN 200
 Source of Elevation JCT. RT. FKS. RT. 32 AND S.L.S. 37
ELEVATION 3295'

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Company Eureka Oil & Gas Corp.
 Address P.O. Box 299-Bridgeport, WV 26330-0299

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

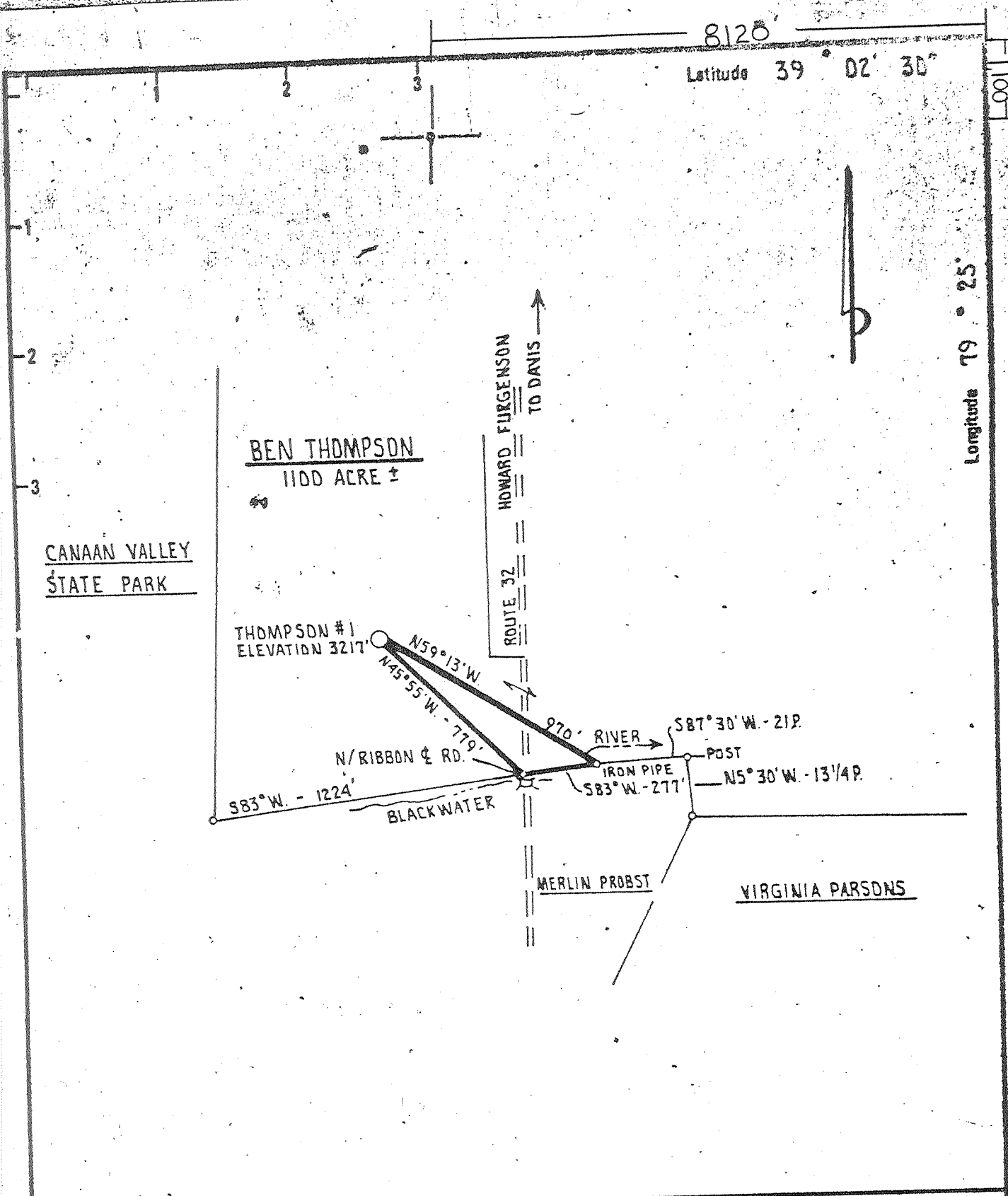
Farm BEN THOMPSON
 Tract _____ Acres 1100 Lease No. _____
 Well (Farm) No. _____ Serial No. THOMPSON #1
 Elevation (Spirit Level) 3217'
 Quadrangle BLACKWATER FALLS 7.5' Davis
 County TUCKER District DRY FORK 4
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. _____ Drawing No. _____
 Date SEPT 19TH 1978 Scale 1" = 500'

WELL LOCATION MAP
 FILE NO. 47-093-00046-Rework

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JUN 10 1992



REVISED LOCATION
 New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure DNE PART IN 200
 Source of Elevation JCT. RT. FKS. RT. 32 AND S.L.S. 37
ELEVATION 3295'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company BEREA OIL AND GAS CORP.
 Address 901 CHEMICAL BANK BUILDING
69 DELAWARE AVE. - BUFFALO, NEW YORK 14202
 Farm BEN THOMPSON
 Tract _____ Acres 1100 Lease No. _____
 Well (Farm) No. _____ Serial No. THOMPSON #1
 Elevation (Spirit Level) 3217'
 Quadrangle BLACKWATER FALLS 7.5'
 County TUCKER District DRY FORK
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. _____ Drawing No. _____
 Date SEPT 19TH 1978 Scale 1" = 500'

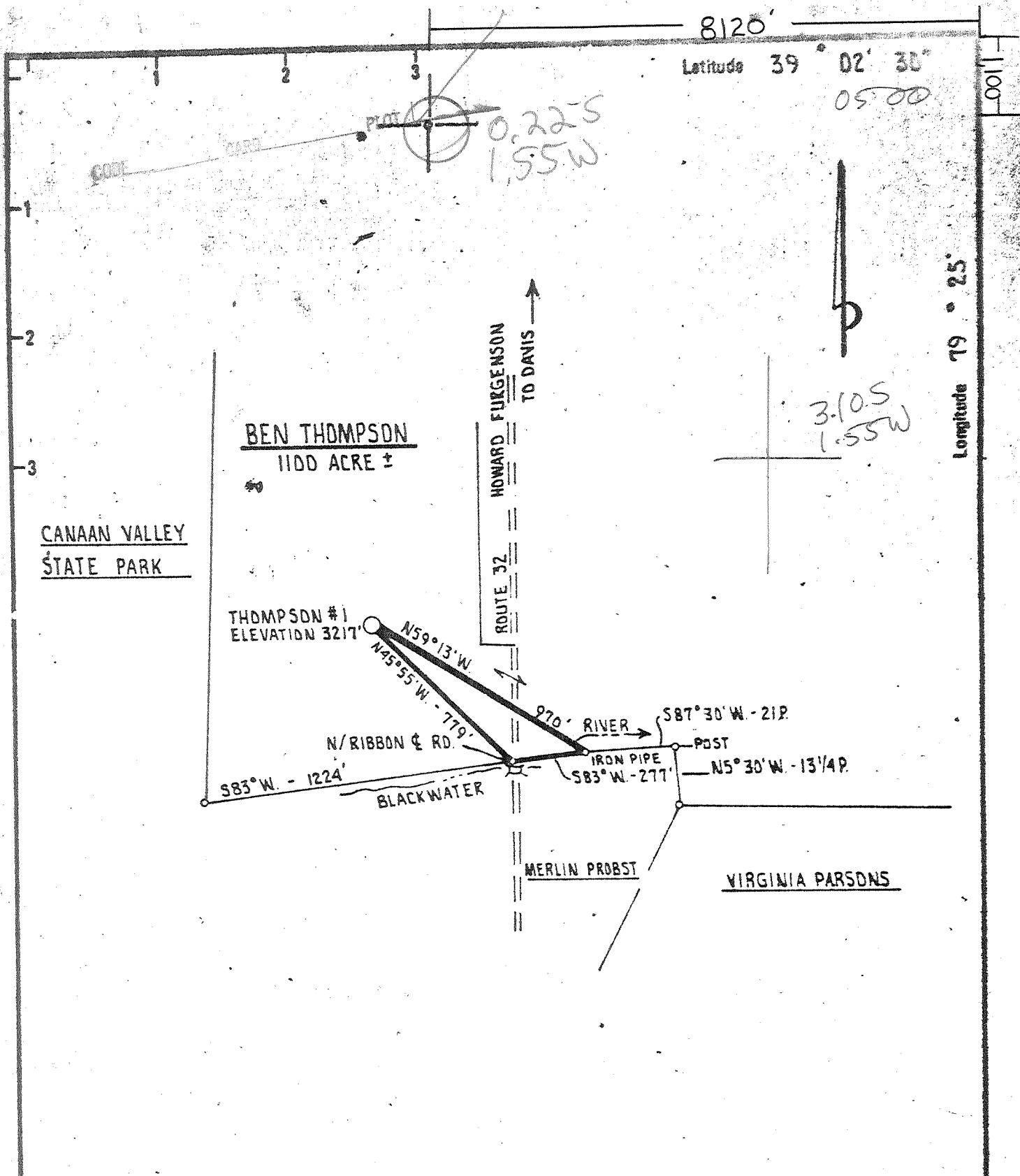
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 093-0046-Frac
FRAC CANCELLED

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

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FEB 8 1980



REVISED LOCATION
 New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ONE PART IN 200
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ELEVATION 3295'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company BEREA OIL AND GAS CORP. 081
 Address 901 CHEMICAL BANK BUILDING
69 DELAWARE AVE - BUFFALO, NEW YORK 14202
 Farm BEN THOMPSON
 Tract _____ Acres 1100 Lease No. _____
 Well (Farm) No. _____ Serial No. THOMPSON #1
 Elevation (Spirit Level) 3217'
 Quadrangle BLACKWATER FALLS 7.5' 25.7
 County TUCKER District DRY FORK 4
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. _____ Drawing No. _____
 Date SEPT 19TH 1978 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. 093-0046-Frac

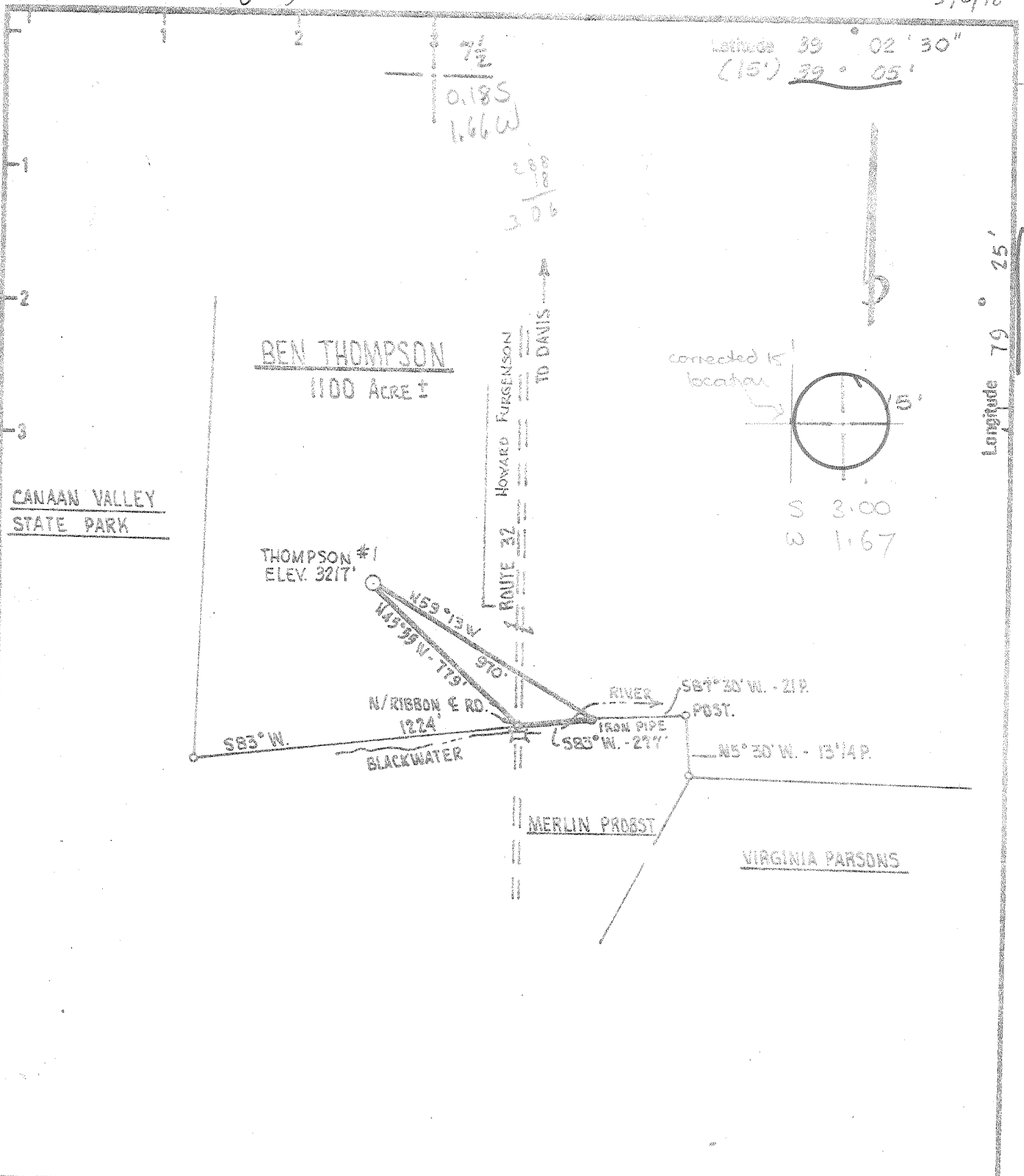
0345W7

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AUG 12 1985

DEEP WELL



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>ONE PART IN 200</u> Source of Elevation <u>JCT. RT. FKS. RT. 32 AND S.C.S. 37</u> <u>ELEVATION 3295'</u> "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
Company <u>BEREA OIL & GAS CORP.</u> Address <u>901 CHEMICAL BANK BUILDING</u> <u>69 DELAWARE AVE. - BUFFALO, NEW YORK 14202</u> Farm <u>BEN THOMPSON</u> Tract _____ Acres <u>1100</u> Lease No. _____ Well (Farm) No. _____ Serial No. <u>THOMPSON #1</u> Elevation (Spirit Level) <u>3217' DAVIS 15' SW</u> Quadrangle <u>BLACKWATER FALLS 7.5'</u> County <u>TUCKER</u> District <u>DRY FORK</u> Engineer <u>Daniel L. Wheeler</u> Engineer's Registration No. <u>530 L.L.S.</u> File No. _____ Drawing No. _____ Date <u>AUGUST 25, 1978</u> Scale <u>1" = 500'</u>	STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON WELL LOCATION MAP FILE NO. <u>TUC-46</u> + Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown. - Denotes one inch spaces on border line of original tracing. 47-093 OCT 17 1978

Deep Well 5-5 (Canaan Valley (287))

OIL & GAS DIVISION WELL OPERATOR'S REPORT

Operator's Well No. #1 Ben Thompson

API Well No. L7-093-0046
State County Permit

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep X / Shallow ___)
Elevation: 3217' Watershed: Blackwater River
District: Dry Fork County: Tucker Quadrangle: Blackwater Falls

OPERATOR Berea Oil & Gas Corporation DESIGNATED AGENT Mark V. Schumacher, P.E.
Address 711 Chemical Bank Building Address Suite 652 Empire Bank Bldg.
69 Delaware Avenue Clarksburg, W. Va. 26301
Buffalo, New York 14202

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON 9/18/78, 1978 OIL & GAS INSPECTOR FOR THIS WORK:
Name Robert Stewart
Address P. O. Box 345
Jane Lew, WV 26378

LOGICAL TARGET FORMATION: Oriskany Depth 8192 feet
Depth of completed well, 8450 feet Rotary X / Cable Tools ___
Water strata depth: Fresh, 25 feet; salt, - feet.
Coal seam depths: None Is coal being mined in the area? No
Work was commenced 11-20-78, 1978, and completed 1-13-, 1979

LOGGING AND TUBING PROGRAM

LOGGING 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	20"				X	10'	10'	-	Kinds None
Fresh water	3 3/8		48	X		60'	60'	150 sxs.	Sizes
Intermediate	9 5/8	H40	32.30	X		2038'	2038'	700 sxs.	
Production	4 1/2"	N80	11.6#	X		8378'	8378'	560 sxs.	Depth set
Logging									Perforations:
Packers									8206-8361 bottom 22 holes (.49" dia)

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth 8206-8361 feet
Gas: Initial open flow, 700 (estimate) Mcf/d Oil: Initial open flow, - Bbl/d
Final open flow, 1700 Mcf/d Final open flow, - Bbl/d
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 2700 psig (surface measurement) after 106 hours shut in
[If applicable due to multiple completion--]
Second producing formation Does not apply Pay zone depth _____ feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, _____ Mcf/d 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.

Fractured 2/21/79 W/2000 gal. 15% HCL acid, 1375 bbls.
5% HCL, 30,000# 80/100 Sand, 70,000# 20/40 Sand, Ave. rate 38.1 BPM,
Avg. Pr. - 4600 psig. Total treatment volume = 1580 bbls.

Perforated intervals - 8206 - 8361 22 holes (.49" dia.)

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Top Soil			0	25	
Limestone			25	275	
Sand & Shale			275	4000	
Sand			4000	4024	gas show
Sand & Shale			4024	4875	
Shale			4875	6670	
Sand			6670	6690	
Shale			6690	7530	
Tully Limestone			7530	7560	
Shale			7560	7694	
Marcellus Shale			7694	7770	
Shale			7770	8062	
Onondaga Lms.			8062	8120	
Huntersville Chert			8120	8164	
Needmore Shale			8164	8192	
Oriskany			8192	8380	
Total depth				8450	

(Attach separate sheets to complete as necessary)

Berea Oil and Gas Corporation

Well Operator

By

M. Schuster

Its

Engineer

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."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 18 1978

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Ben Thompson
Address Canaan Valley, WV
Mineral Owner Ben Thompson
Address Canaan Valley, WV
Coal Owner Does Not Apply
Address _____
Coal Operator Does Not Apply
Address _____

DATE September 11, 1978
Company Berea Oil & Gas Corporation
Address 69 Delaware Ave., Buffalo, N.Y. 14202
Farm Ben Thompson Acres 1100
Location (waters) Blackwater River
Well No. 1 Elevation 3217'
District Dry Fork County Tucker
Quadrangle Blarkwater 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. This permit shall expire if operations have not commenced by 1-18-79.

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

Robert Stewart
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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

Very truly yours,
(Sign Name) M. W. Schumacher
Well Operator

W. VA. OIL & GAS CONSERVATION COMMISSION
1613 WASHINGTON STREET, EAST
CHARLESTON, WEST VIRGINIA 25311

Address
of
Well Operator

Suite 652 Empire Bank Building
Street
Clarksburg 26301
City or Town
West Virginia
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.

BLANKET BOND

TUC-46
PERMIT NUMBER
47-093

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Mark V. Schumacher, P.E.
 ADDRESS _____ ADDRESS Suite 652 Empire Bank Bldg.
 TELEPHONE _____ TELEPHONE Clarksburg, W.V. 304-624-6429
 ESTIMATED DEPTH OF COMPLETED WELL: 8400 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS X 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			
<u>9-5/8 - 11 3/4"</u>	120	120	85 Ft. ³
8 - 5/8	1250	1250	400 Ft. ³
7			
5 1/2			
4 1/2	8400	8400	225 Ft. ³
3			Perf. Top
2 Tubing	8400	8400	Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 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

MAY 13 92

47-093-0046

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Office of Oil & Gas
WELL WORK PERMIT APPLICATION

Issued 06/05/92
Expires 06/05/94

- 1) Well Operator: Ben Thompson #1 16455 (4) 257
- 2) Operator's Well Number: 47-093-0046
- 3) Elevation: 3217'
- 4) Well type: (a) Oil ___ / or Gas_{xx} /
(b) If Gas: Production_{xx} / Underground Storage ___ /
Deep_{xx} / Shallow ___
- 5) Proposed Target Formation(s): **BENSON** 435
- 6) Proposed Total Depth: **4010-4020'** feet **ORIGINAL TD 8435**
- 7) Approximate fresh water strata depths: **25**
- 8) Approximate salt water depths: **NONE REPORTED**
- 9) Approximate coal seam depths: **NONE REPORTED**
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No ___
- 11) Proposed Well Work: ** See attached letter to Mr. Streit,
Dated 3-23-92
- 12) **SEE ATTACHED WELL WORK PROPOSAL**

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	20"			10"		
Fresh Water	13 7/8"			60'	60'	150 SKS
Coal						
Intermediate	9 5/8"			2039'	2039'	700 SKS
Production	4 1/2"			8378'	8378'	560 SKS
Tubing						
Liners						

EXISTING FROM WELL RECORD

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond BLANKET Agent

REC'D
WV Division
Environmental Protection
MAY 13
Permitting
Office of Oil & Gas

- 1) Date: April 2, 1992
- 2) Operator's well number
Ben Thompson #1
- 3) API Well No: 47 - 093 - 0946 - Rewo
State - County - Permit

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

- 4) Surface Owner(s) to be served:
 - (a) Name Ben Thompson
Address P.O. Box 483
 - (b) Name Davis, WV 26260
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Phil Tracy
Address Rt. 2 Box 37-A
Montrose, WV 26283
Telephone (304) - _____

- 5) (a) Coal Operator:
 - Name N/A
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name N/A
Address _____
 - (c) Coal Lessee with Declaration
 - Name N/A
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
_____ Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

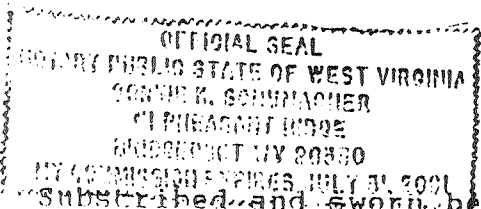
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Berea Oil & Gas Corp.
By: Mark V. Schumacher
Its: Agent
Address P.O. Box 299
Bridgeport, WV 26330
Telephone (304) 842-4854



Subscribed and sworn before me this 2 day of April, 1992
Connor K. Schumacher Notary Public
My commission expires July 31, 2001



1) Date: July 22, 19 85

2) Operator's Well No. THOMPSON #1

3) API Well No. 47 -093-0046 Frac
State County Permit

JUL 21 1985

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

- 4) WELL TYPE: A Oil X Gas X
B (If "Gas", Production X / Underground storage / Deep X / Shallow X)
- 5) LOCATION: Elevation: 3217' Watershed: Blackwater River
District: Dry Fork County: Tucker Quadrangle: Blackwater Falls
- 6) WELL OPERATOR BEREA OIL & GAS CODE: 4650 7) DESIGNATED AGENT Mark Schumacher
Address P.O. BOX 299 Address P.O. BOX 299
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Phillip Tracy
Address P.O. Box 2536
Elkins, WV 26241
- 9) DRILLING CONTRACTOR: Name
Address
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate X
Plug off old formation / Perforate new formation X
Other physical change in well (specify) Perforate 4010' to 4020' w/16 holes
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 8500 feet
- 13) Approximate strata depths: Fresh, 100 feet; salt, feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water										
Coal										
Intermediate	<u>SEE ATTACHED WELL RECORD</u>									
Production										Depths set
Tubing										
Liners										Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-093-0046 Frac

August 8 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 August 8, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>✓</u>	Agent: <u>ALB</u>	Plat: <u>MU MU</u>	Casing Fee <u>15370</u>	WPCP <u>✓</u>	S&E <u>✓</u>	Other <u> </u>
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NOTE: Keep one copy of this permit posted at the drilling location.

Mark Schumacher
Director, Division of Oil and Gas

File

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE 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.

Farm name: Thompson Operator Well No.: #1

LOCATION: Elevation: 3217 Quadrangle: Blackwater Falls
District: Dry Fork County: Tucker
Latitude: 1200 Feet South of 39 Deg. 02 Min. 30 Sec.
Longitude 8550 Feet West of 79 Deg. 25 Min. 00 Sec.

Well type: OIL GAS XX

Company: Berea Oil and Gas Coal Operator N/A
69 Delaware Ave Suite 200B or Owner
Buffalo NY 14202 3878

Agent: Mark V. Schumacher Coal Operator
Inspector: Phil Tracy or Owner

Permit Issued: September 18, 1992

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur ss:

Phillip Pulliam and Mark Cogar 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 and Gas Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 30 day of September, 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED		LEFT
Packer set at 4040'			4 1/2	2100	1940
cement	3950	3740	2 3/8	3950	90
6 1/2 gel	3740	2067			
cement	2067	1867			
6 1/2 gel	1867	200			
cement	200	0			

Description of monument: 7" casing three feet out of the ground with API

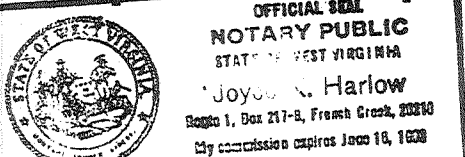
and that the work of plugging and filling said well was completed on the 4 day of October, 1992.

And further deponents saith not.

Phillip Pulliam
Mark Cogar
Joseph K. Harlow
Notary Public

NOV 13 1992

Sworn and subscribe before me this 15 day of October, 1992
My commission expires: June 16, 1993



Joseph K. Harlow