

8

40 4/22/80

Latitude (15') 39° 17' 30" 39° 20'

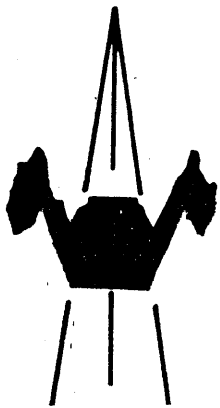
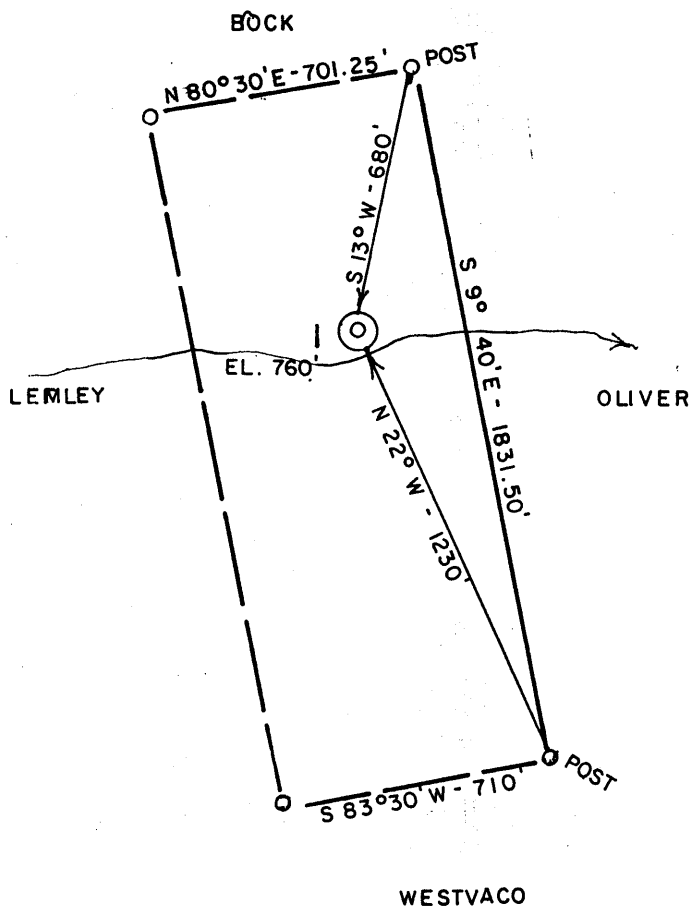
2490' SOUTH 1180' WEST

7.5'

20' 00"

81°

Longitude 15'



ACCURACY: 1"/200'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation GORDON
 Est. Depth 2800'

Oil
 Gas
 Other

Source of Elevation ROAD INTERSECTION (759')

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.

Chet Waterman

Company BEREA OIL & GAS CORP. 081
 Address BUFFALO, NY
 Surface Owner DAVID OLIVER
 Mineral Owner " "
 Well No. 1 Acres 29.50'
 Elevation 760' MARIETTA 15'
 Quadrangle WILLOW ISLAND Series 7.5'
 County WOOD District UNION
 Date 4/9/80 Scale 1" = 500'

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

WELL LOCATION MAP
47 - 107 - 1003
 STATE COUNTY PERMIT

Cancelled
 + Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN OCT 19 1987
 Engineer's Registration No. 3788 File No. 80-207

1001-1003

8

40 4 22 80

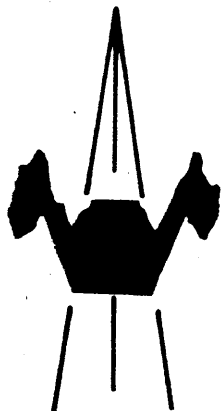
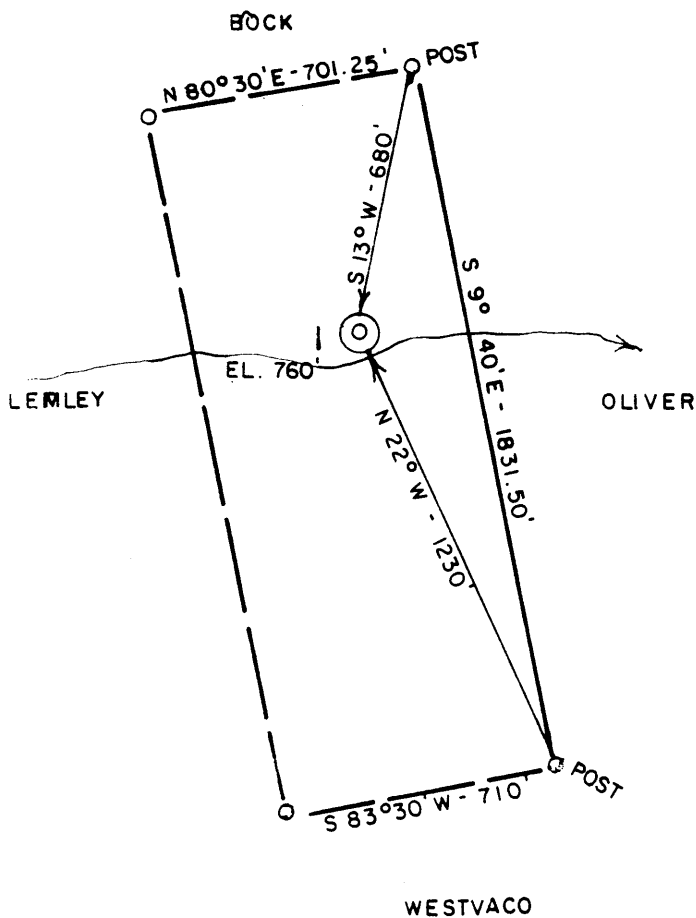
Plot Card CSD

Latitude 39° 17' 30" (15') 39° 20'

2490' SOUTH 1180' WEST

7.5' 20' 00"

81' Longitude 15'



ACCURACY: 1'/200'

- New Location
- Drill Deeper
- Abandonment
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- Other _____

Formation GORDON
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Oil
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Chet Waterman

Company BEREA OIL & GAS CORP.
 Address BUFFALO, NY
 Surface Owner DAVID OLIVER
 Mineral Owner " "

Well No. 1 Acres 29.50'
 Elevation 760' MARIETTA 15'
 Quadrangle WILLOW ISLAND Series 7.5'
 County WOOD District UNION
 Date 4/9/80 Scale 1" = 500'

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

WELL LOCATION MAP
47 - 107 - 1003
 STATE COUNTY PERMIT

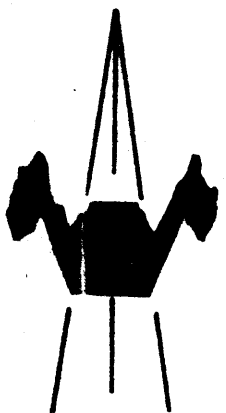
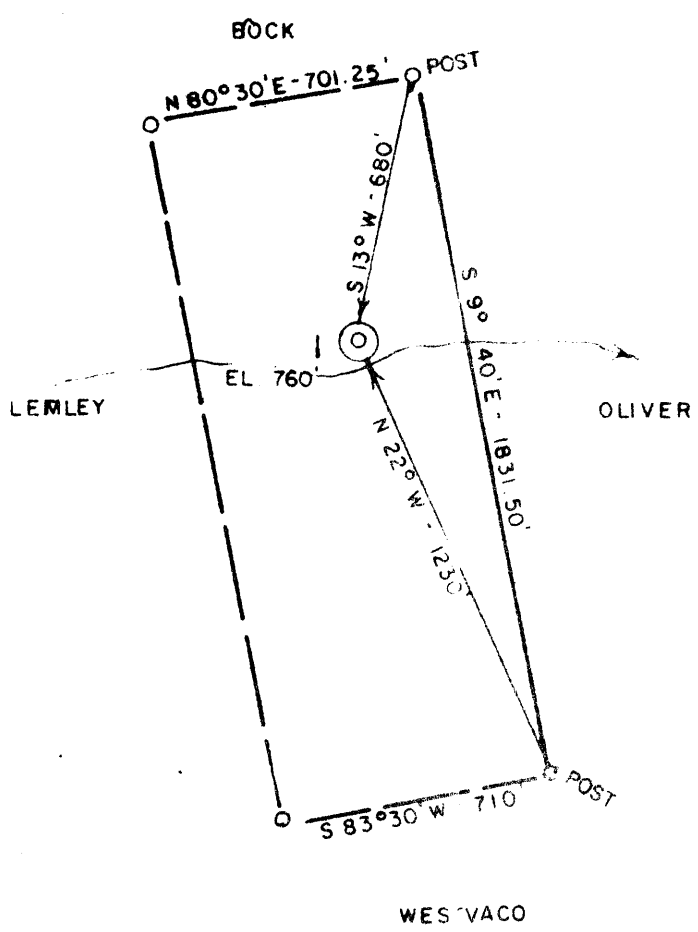
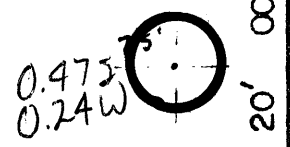
+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN

Engineer's Registration No. 3788 File No. 80-207

Cancelled
MAR 2 1984

Latitude (15') 39° 17' 30" 39° 20'

2490' SOUTH
1180' WEST



ACCURACY: 1"/200'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation GORDON
Est. Depth 2800'

Oil
Gas
Other

Source of Elevation ROAD INTERSECTION (759')

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Chet Waterman

Company	BEREA OIL & GAS CORP.		
Address	BUFFALO, NY		
Surface Owner	DAVID OLIVER		
Mineral Owner	"	"	"
Well No.	1	Acres	29.50'
Elevation	760'	MARIETTA 15'	
Quadrangle	WILLOW ISLAND	Series	7.5' SC
County	WOOD	District	UNION
Date	4/9/80 Scale 1" = 500'		

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

WELL LOCATION MAP
47 - 107 - 1003
STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
Engineer CHET WATERMAN
Engineer's Registration No. 3788 File No. 80-207



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 21 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner David E. Oliver
Address Route # 2, Box 94, Waverly, W. Va.
Mineral Owner same
Address _____
Coal Owner same
Address _____
Coal Operator none
Address _____

DATE April 15, 1980
Company Berea Oil & Gas Corp.
Address See well operator below
Farm Oliver Acres 29.5
Location (waters) Right Fork
Well No. 1 Elevation 760'
District Union County Wood
Quadrangle Willow Island

~~Address _____~~
~~THIS PERMIT MUST BE POSTED AT THE WELL SITE~~

If 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 12-30-80.

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, W. Va.
PHONE 304-477-3660

Robert L. [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 February 22 1980 by David E. Oliver made to Energy Unlimited, Inc. and recorded on the 3rd day of March 1980 in Wood County, Book 734 Page 470

XX 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

Address
of
Well Operator

Very truly yours, Mark Schumacher
(Sign Name) [Signature]
652 Empire Bank Building
Fourth & Main Streets
Street
Clarksburg
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.

BLANKET - BOND

47-107-1003

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 _____

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 N. A. NAME Mark Schumacher
 ADDRESS _____ ADDRESS Clarksburg, W. Va.
 TELEPHONE _____ TELEPHONE 304-624-6429
 ESTIMATED DEPTH OF COMPLETED WELL: 2800' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL X GAS X COMB. X 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			
9 - 5/8			
8 - 5/8 <u>XX</u>	250'	250'	Surface
7			
5 1/2			
4 1/2 <u>XX</u>	T.D.	T.D.	400'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET SALT WATER 1500 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