

8-22

000 9-18-80

Latitude 39° 20' 00"

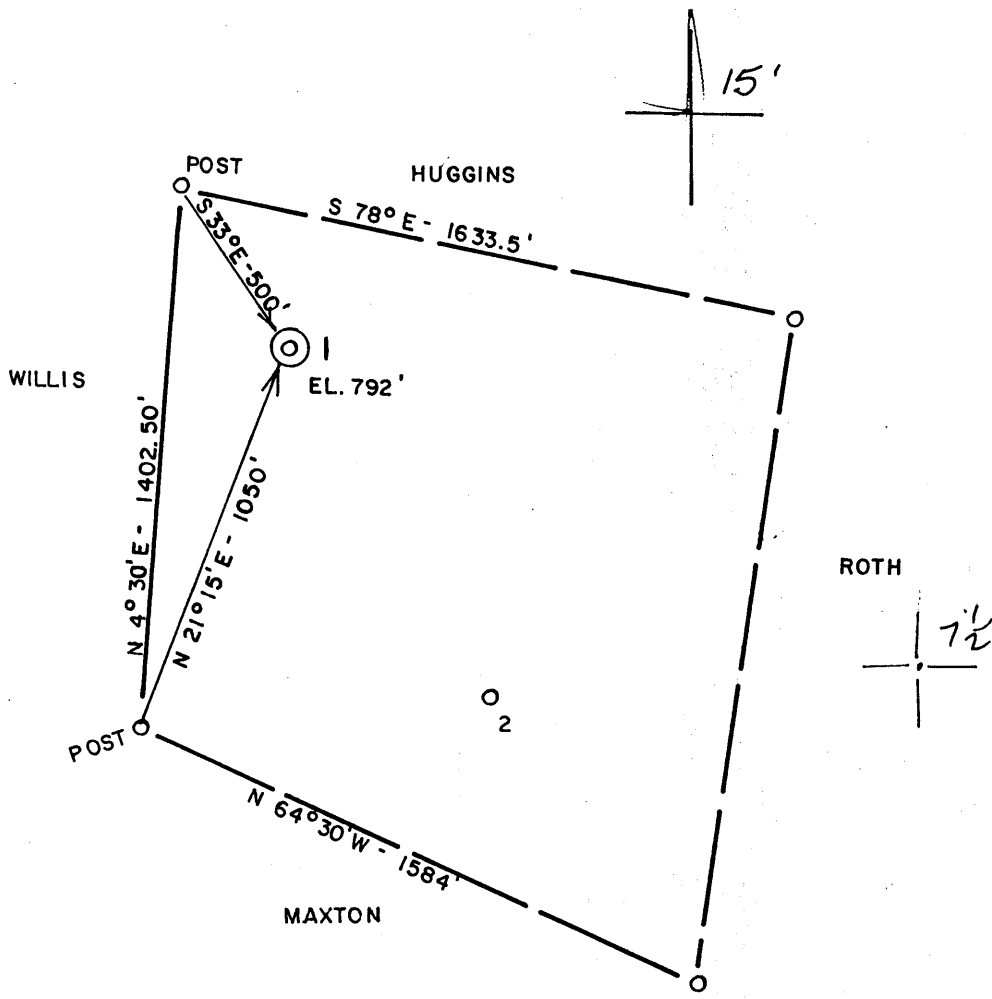
9420' SOUTH
3720' WEST

30"

20' 22'

81° 81'

(15')
Longitude



ACCURACY: 1' / 200'

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

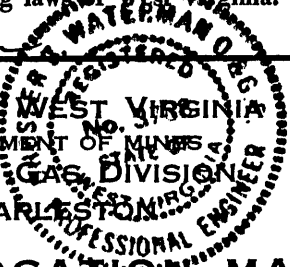
Formation GORDON
 Est. Depth 2800'

Oil
 Gas
 Other

Source of Elevation ROAD INTERSECTION NORTH (771')

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 NRM Petroleum Corporation
 Address P.O. Box 816 Buckhannon W.Va. 26201
 Surface Owner V. THOMASINI
 Mineral Owner " "

Well No. 1 Acres 61-1/2
 Elevation 792' MARIETTA 15'
 Quadrangle VALLEY MILLS Series 7.5'
 County WOOD District UNION
 Date 8/29/80 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON, WEST VIRGINIA
 REGISTERED PROFESSIONAL ENGINEER

WELL LOCATION MAP
 47 - 107 - 1077-P
 STATE COUNTY PERMIT
 PL. CANCELLED
 + Denotes location of well on United States Topographic Maps.
 MAR 16 1987

Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 80-502

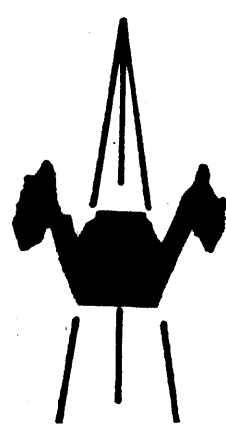
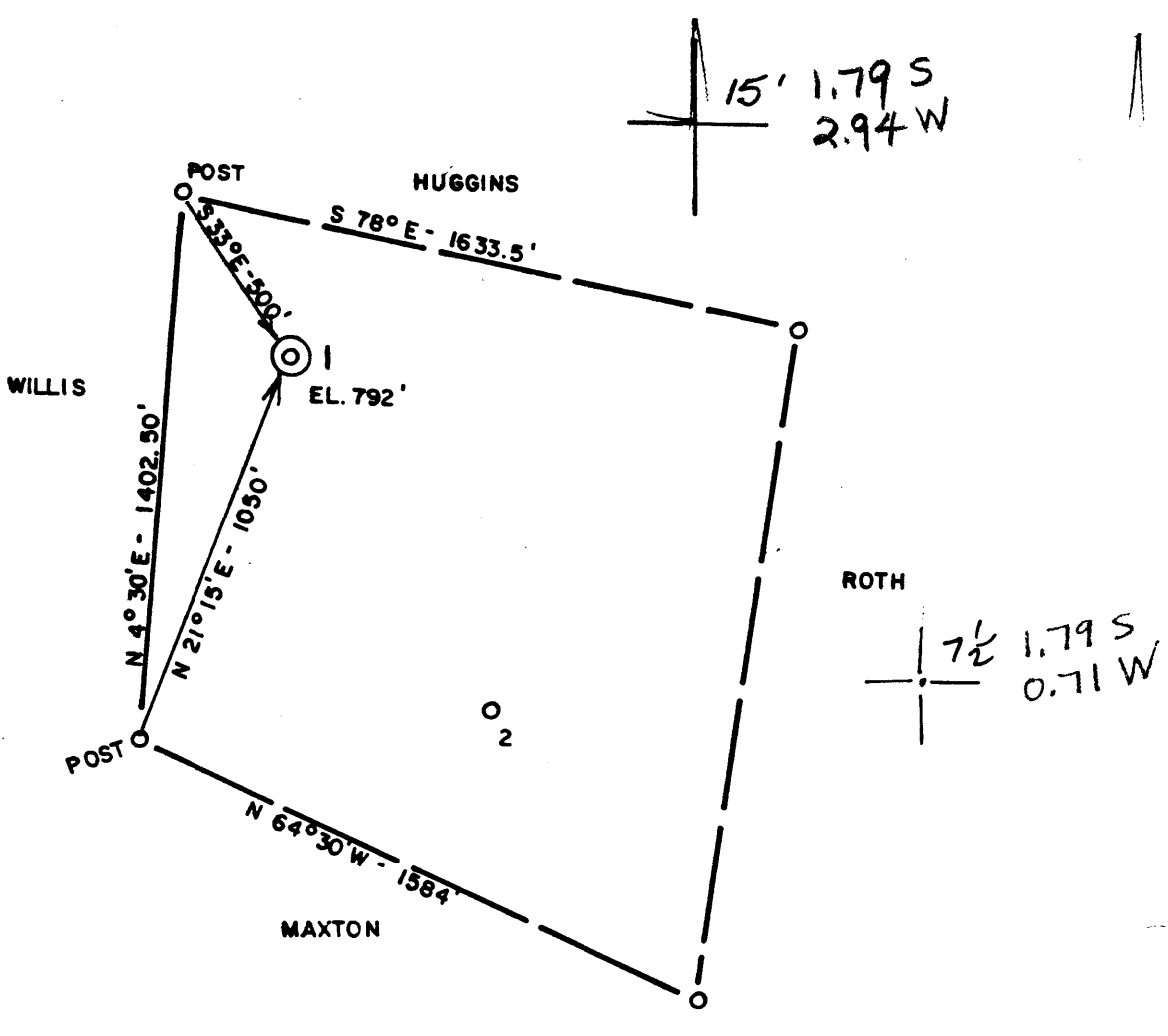
GORDON 2800

WOOD 1077-P

Latitude 39° 20' 00"

9420' SOUTH
3720' WEST

20' 22"
81° 8'
Longitude (15')



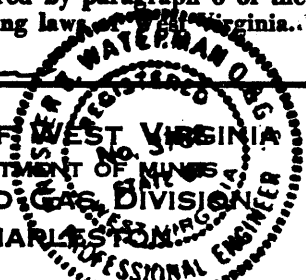
ACCURACY: 1'/200'

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

Formation GORDON Oil
 Est. Depth 2800' Gas
 Other

Source of Elevation ROAD INTERSECTION NORTH (771')
 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 NRM Petroleum Corporation
 Address P.O. Box 816 Buckhannon W.Va. 26201
 Surface Owner V. THOMASINI
 Mineral Owner " "
 Well No. 1 Acres 61-1/2
 Elevation 792' MARIETTA 15'
 Quadrangle VALLEY MILLS Series 7.5'
 County WOOD District UNION
 Date 8/29/80 Scale 1" = 500'

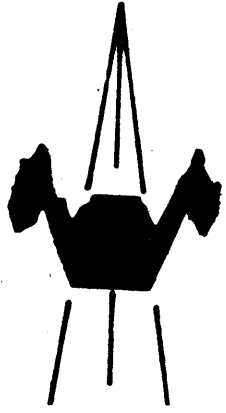
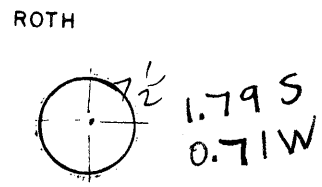
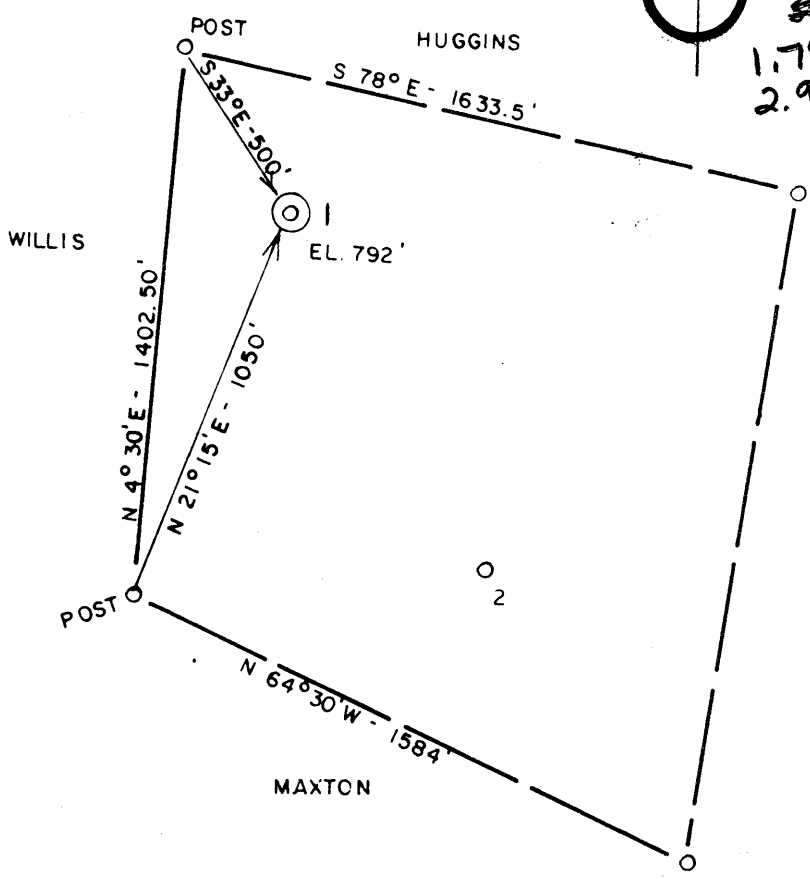
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON, W.VA.
 REGISTERED PROFESSIONAL ENGINEER
WELL LOCATION MAP
47 - 107 - 1077-P
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer **CHET WATERMAN** MAR 14 1983
 Engineer's Registration No. 3788 File No. 80-502

Latitude 39° 20' 00"

9420' SOUTH
3720' WEST

Longitude 81° 20' 30"



ACCURACY: 1' / 200'

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

Formation GORDON

Est. Depth 2800'

Oil

Gas

Other

Source of Elevation ROAD INTERSECTION NORTH (771')

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.

Address BUFFALO, NY

Surface Owner V. THOMASINI

Mineral Owner " "

Well No. 1 Acres 61-1/2

Elevation 792' MARIETTA 15 SC

Quadrangle VALLEY MILLS Series 7.5'

County WOOD District UNION

Date 8/29/80 Scale 1" = 500'

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

WELL LOCATION MAP
47 - 107 - 1077
STATE COUNTY PERMIT

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

Engineer's Registration No. 3788 File No. 80-502



RECEIVED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

MAR 4 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

Rotary xxx Oil _____
Cable _____ Gas _____
Recycling _____ Comb. xxx ?
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Valley Mills
Permit No. 47-107-1077

Company Berea Oil & Gas Corp.
Address 652 Empire Bank Bldg., Clarksburg, WV
Name Tomasini Acres 61 1/2
Location (waters) Slate Run
Well No. 1 Elev. 792
District Union County Wood
The surface of tract is owned in fee by Vincent Tomasini
Address Rt. 1, Waverly, WV
Mineral rights are owned by Same
Address _____
Drilling Commenced 11/19/80
Drilling Completed 11/23/80
Initial open flow 50 cu. ft. 0 bbls.
Final production 2 cu. ft. per day 2 bbls.
Well open 4 hrs. before test 240 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	272.25	272.25	90
7			
5 1/2			
4 1/2	2649.5	2649.5	250
3			
2 1 1/2"		2430	
Liners Used			

Well treatment details: Attach copy of cementing record.
12/8/80 Gordon 2510-2528 (24 shots). 48,000 N₂ 800 bbls. water.
450 sx. 20/40 sand 150 sx. 80/100 sand
1/28/81 Berea 2143-47' (12 shots). 600 sks 20/40 sand.
865 bbls. water.

Gas was encountered at 40 Feet --- Inches
Fresh water --- Feet --- Salt Water --- Feet
Producing Sand Gordon & Berea Depth 2510* and 2143'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface to Shale			Surface	1659		
Injun			1659	1748		
Sand and Shale			1748	2147		
Berea			2147	2158		
Sand and Shale			2158	2502		
<u>Gordon</u>			2502	2532		
Sand and Shale			2532	2650		
				<u>2650</u>		

MAR 14 1983

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 16 1980

Oil and Gas Division
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 13, 1980

Surface Owner Vincent Tomasini
Address Route 1, Waverly, West Virginia
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator None
Address _____

Company Berea Oil & Gas Corporation
Address 652 Empire Bank Bldg, Clarksburg, W Va
Farm Tomasini Acres 61 1/2
Location (waters) Slate Run
Well No. #1 Elevation 792'
District Union County Wood
Quadrangle Valley Mills

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 5-19-81.

Thomas E. Haggerty
Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, West Virginia
PHONE 477-2455

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 May 13th 19 80 by Luther Wingrove made to Energy Unlimited, Inc. and recorded on the 15th day of May 19 80, in Wood County, Book 738 Page 2
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, Berea Oil & Gas Corporation
By: Mark Schumacher
(Sign Name) Mark Schumacher
Well Operator
652 Empire Bank Building
Street
Clarksburg
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.

47-107-1077

PERMIT NUMBER

BLANKET BOND

"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, West Virginia _____
 TELEPHONE _____ TELEPHONE 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'	To Surface
7			
5 1/2			
4 1/2 <u>XX</u>	TD	TD	800'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET _____ SALT WATER 1500 FEET _____
 APPROXIMATE COAL DEPTHS NA _____
 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