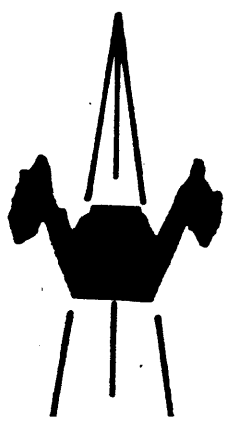
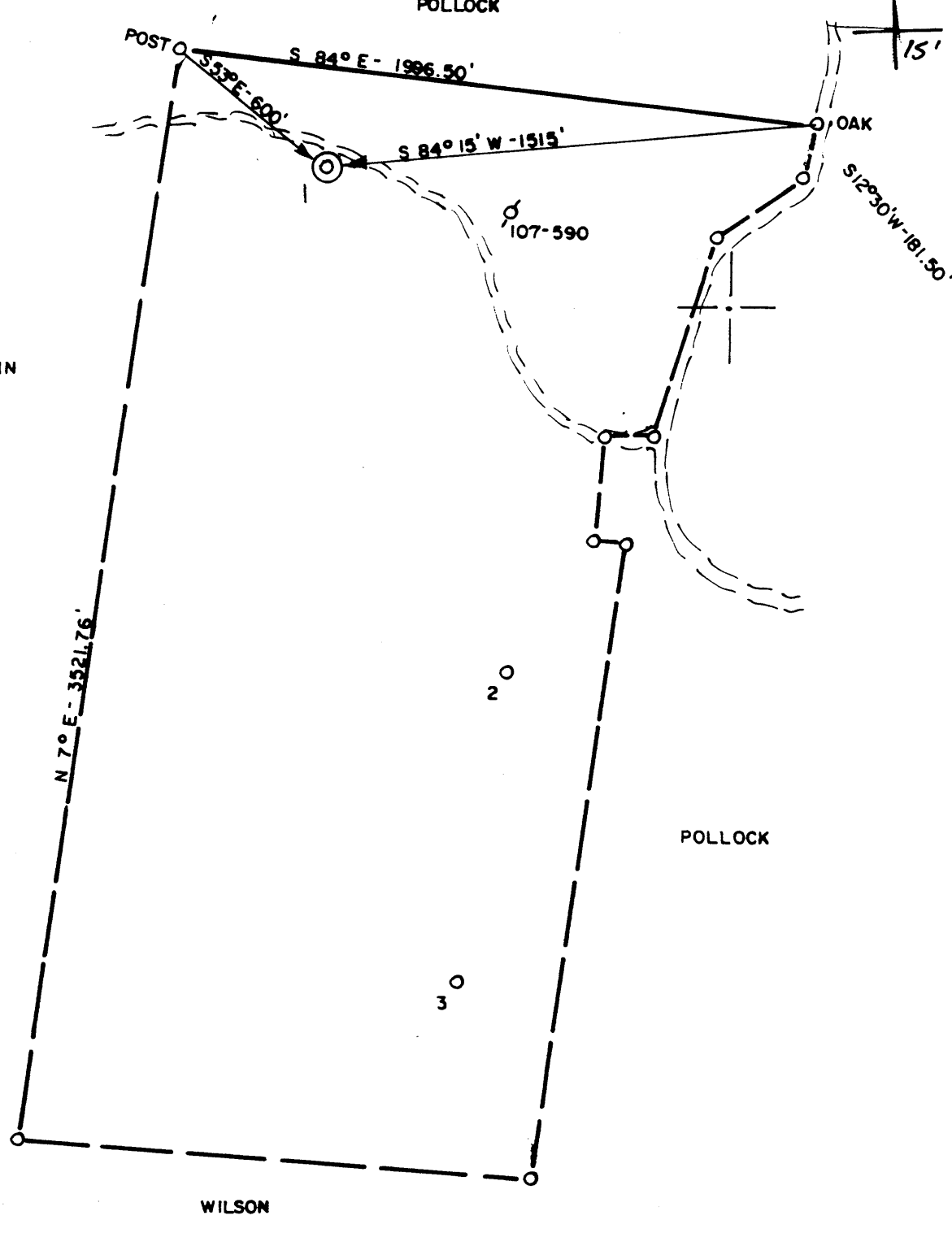


10 9-18-80

5620' SOUTH
3390' WEST

Longitude 81° 25' 00"



ACCURACY: 1" / 200'

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

Formation GORDON
 Est. Depth 2800'

Oil
 Gas
 Other

Source of Elevation INT. ROUTE 31 & ROUTE 2 (793')

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 KATHARINE O. MILLER
 Mineral Owner " " "

Well No. 1 Acres 128
 Elevation 865' MARIETTA 15'
 Quadrangle VALLEY MILLS Series 7.5'
 County WOOD District UNION
 Date 9/4/80 Scale 1" = 500'

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

WELL LOCATION MAP

47 - 107 - 1080

STATE COUNTY PERMIT

CANCELLED

+ Denotes location of well on United States Topographic Maps.

Engineer **CHET WATERMAN**

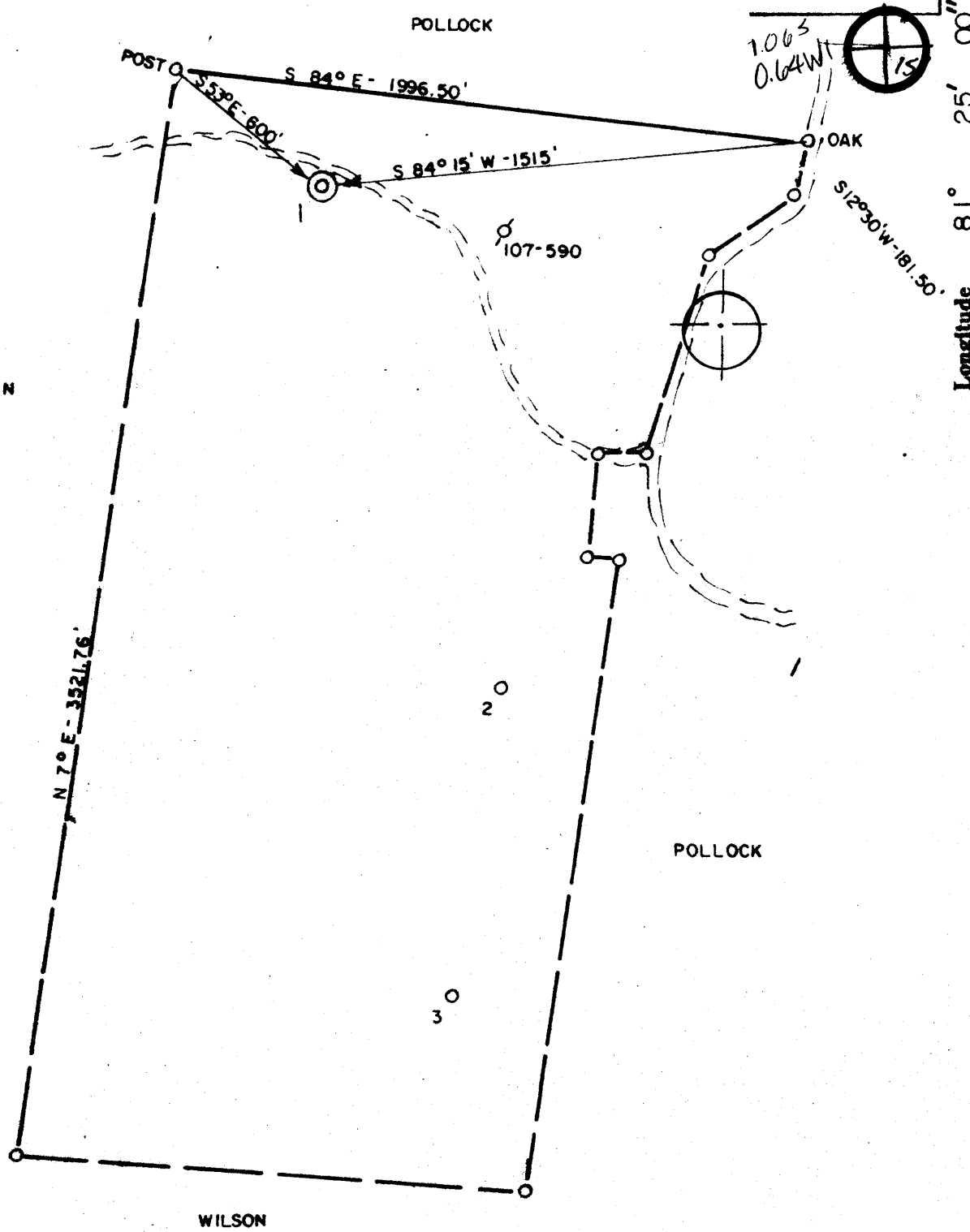
Engineer's Registration No. 3788 File No. 80-517

Gordon 2800'

MAILED 9 1984

Latitude 39° 20' 00"

5620' SOUTH
3390' WEST



ACCURACY: 1' / 200'

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

Formation GORDON

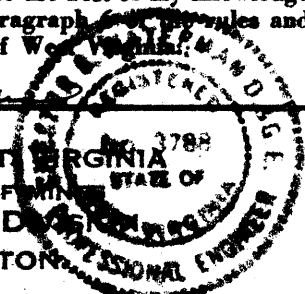
Est. Depth 2800'

Oil
Gas
Other

Source of Elevation INT. ROUTE 31 & ROUTE 2 (793')

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Company BEREA OIL & GAS CORP.
 Address BUFFALO, NY
 Surface Owner KATHARINE O. MILLER
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Well No. 1 Acres 128
 Elevation 865' MARIETTA 15'
 Quadrangle VALLEY MILLS Series 7.5' SW
 County WOOD District UNION
 Date 9/4/80 Scale 1" = 500'

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

WELL LOCATION MAP
47 - 107 - 1080
 STATE COUNTY PERMIT

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

Engineer's Registration No. 3788 File No. 80-517

Gordon 2800'

OCT 10 1980



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 16 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.

DATE September 13, 1980

Surface Owner Katherine Ogdin Miller
Address Route 1, Waverly, West Virginia

Company Berea Oil and Gas Corporation
Address 652 Empire Bank Bldg, Clarksburg, W Va

Mineral Owner Same
Address _____

Farm Miller Acres 128
Location (waters) Worthington Creek

Coal Owner Same
Address _____

Well No. #1 Elevation 865'

Coal Operator None
Address _____

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 5-24-81.

INSPECTOR
TO BE NOTIFIED Paul Goodnight

ADDRESS Smithville, West Virginia

PHONE 477-2455

[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 April 28 19 80 by Katherine Ogdin Miller made to Energy Unlimited, Inc. and recorded on the 6th day of May 19 80 in Wood County, Book 737 Page 360

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]
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.

BLANKET

47-107-1000

"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 15-10~~ UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL ~~DEEPER~~ FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESURABLE 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 X	250'	250'	Surface
7			
5 1/2			
4 1/2 X	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 N/A
 IS COAL BEING MINED IN THE AREA? No ~~Yes~~

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~~ (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR ~~AFTER~~ AFTER JUNE 5, 1929, FIVE COPIES QG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.
 Required forms must be filed within ninety (90) days of completion ~~in 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