

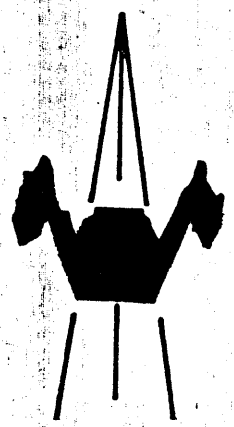
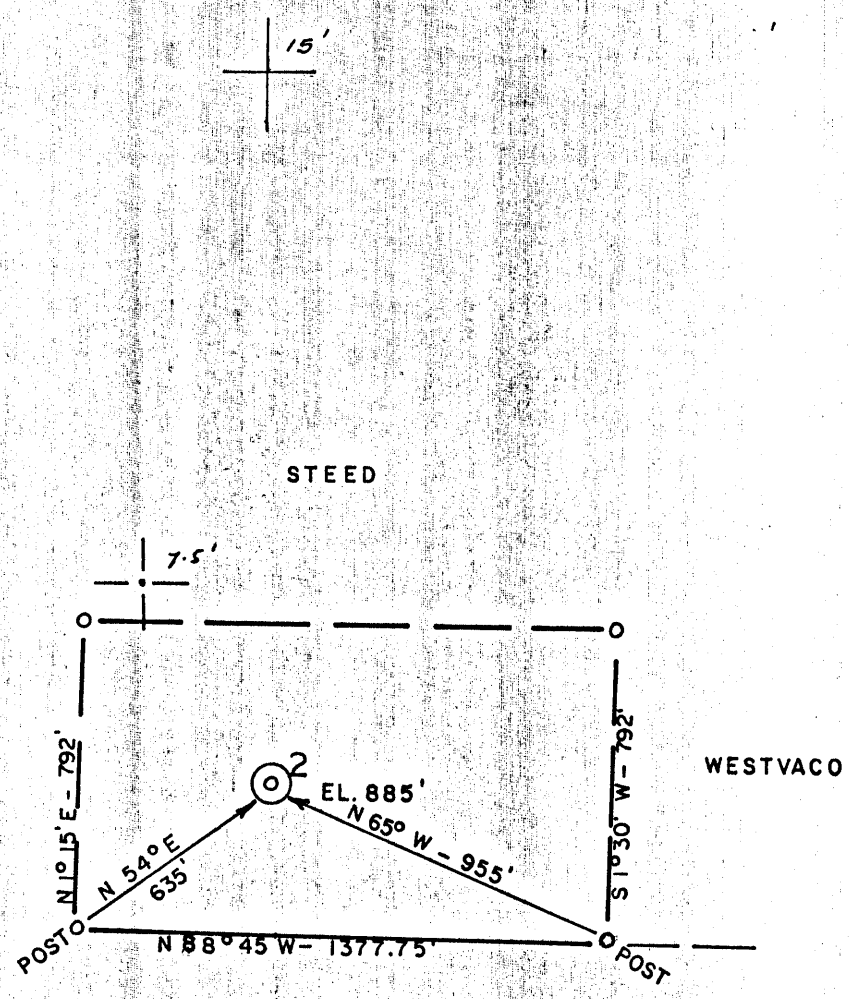
Ch 4/2

CODE ← CARD PLOT 9750' WEST

Latitude 39° 20' 00"

Longitude 81° 22' 30"

8450' SOUTH



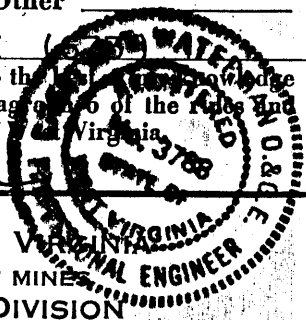
ACCURACY: 1/200

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

Formation SHALE Oil
 Est. Depth 4700' Gas
 Other

Source of Elevation B.M. -- RT 31 & SLATE
 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 Virginia.

Chet Waterman



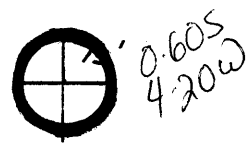
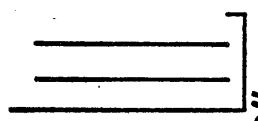
Company ENERGY UNLIMITED
 Address MARIETTA, OHIO
 Surface Owner L. STEED
 Mineral Owner L. STEED

Well No. 2 Acres 25
 Elevation 885'
 Quadrangle VALLEY MILLS Series 7.5'
 County WOOD District UNION
 Date 3/25/81 Scale 1" = 500'

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

WELL LOCATION MAP
47 - 107 - 1152-P
 STATE COUNTY PERMIT

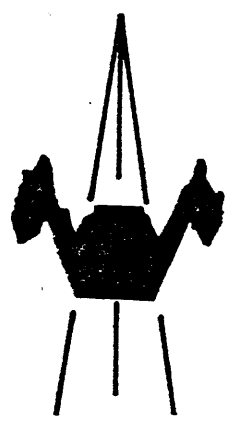
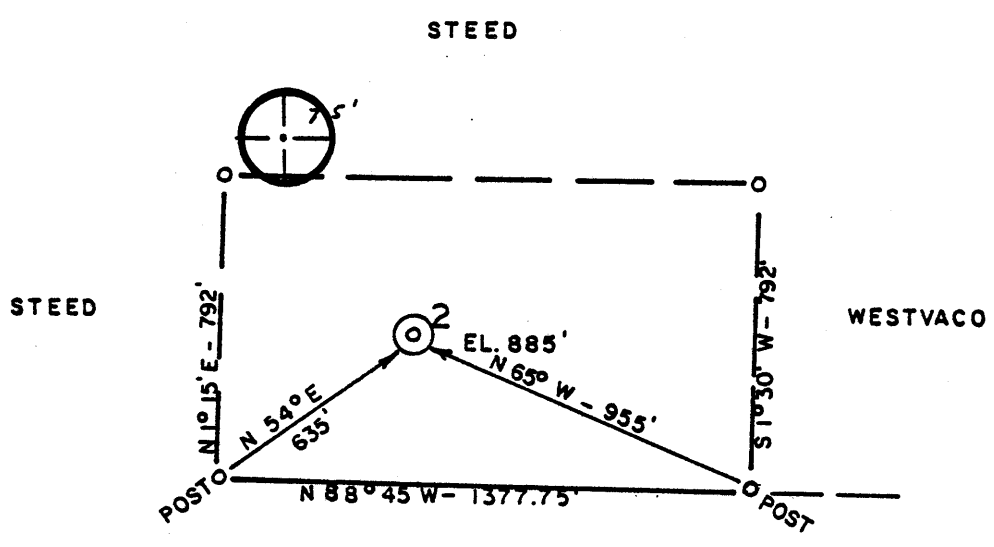
+ Denotes location of well on United States Topographic Maps.
 Engineer **CHET WATERMAN**
 Engineer's Registration No. 3788 File No. 81-130



51° 20'

Longitude 81° 22' 30"

8450' SOUTH



ACCURACY: 1/200

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

Formation SHALE Oil
 Est. Depth 4700' Gas
 Other _____

Source of Elevation B.M. -- RT 31 & SLATE (6784)
 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 ENERGY UNLIMITED
 Address MARIETTA, OHIO
 Surface Owner L. STEED
 Mineral Owner L. STEED
 Well No. 2 Acres 25
 Elevation 885' Marietta 15' SC
 Quadrangle VALLEY MILLS Series 7.5'
 County WOOD District UNION
 Date 3/25/81 Scale 1" = 500'

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

WELL LOCATION MAP
47 - 107 - 1152
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 81-130



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 1 1981

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

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

Surface Owner Larry V. Steed
Address 1211 Nolen Rd. Roslyn, PA 19001
Mineral Owner same
Address _____
Coal Owner same
Address _____
Coal Operator none
Address _____

DATE March 31, 1981
Company Energy Unlimited, Inc.
Address 427 Second St. Marietta, OH 45750
Farm Steed Acres 25
Location (waters) Slate Run
Well No. #2 Elevation 4,700'
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 12-2-81.

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

J. J. Muzey
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 25, 1981 by Larry V. & Carolann Steed made to Energy Unlimited, Inc. and recorded on the _____ day of March 1981 in Wood County, Book N/A Page N/A

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

Very truly yours, Energy Unlimited, Inc.
(Sign Name) _____
Well Operator
Douglas M. Galloway
427 Second St.
Street
Marietta
City or Town
Ohio
State

Address
of
Well Operator

BLANKET BOND

47-107-1152 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will comply with the specified requirements."

Signed by _____

THIS IS AN ESTIMATE ONLY. ACTUAL INFORMATION WILL BE SUBMITTED ON 06-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL FRACURE-STIMULATE DEEPEN FRACURE-STIMULATE RESPONSIBLE AGENT: David C. Clovis NAME Union Trust Bldg. Parkersburg, W ADDRESS 485-4403 TELEPHONE 4,700' ESTIMATED DEPTH OF COMPLETED WELL: Marcellus PROPOSED GEOLOGICAL FORMATION: OIL X GAS X COMB. X STORAGE X DISPOSAL TYPE OF WELL: 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'	surface
7			
5 1/2			
4 1/2	X	TD	200 sacks or 470
3			
2			
Liners			
			Perf. Top <u>15' 15'</u>
			Perf. Bottom
			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET
 APPROXIMATE COAL DEPTHS none FEET
 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 CO OF PLAT

TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND, 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, SHING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified two 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 re thereof.

WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal u 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