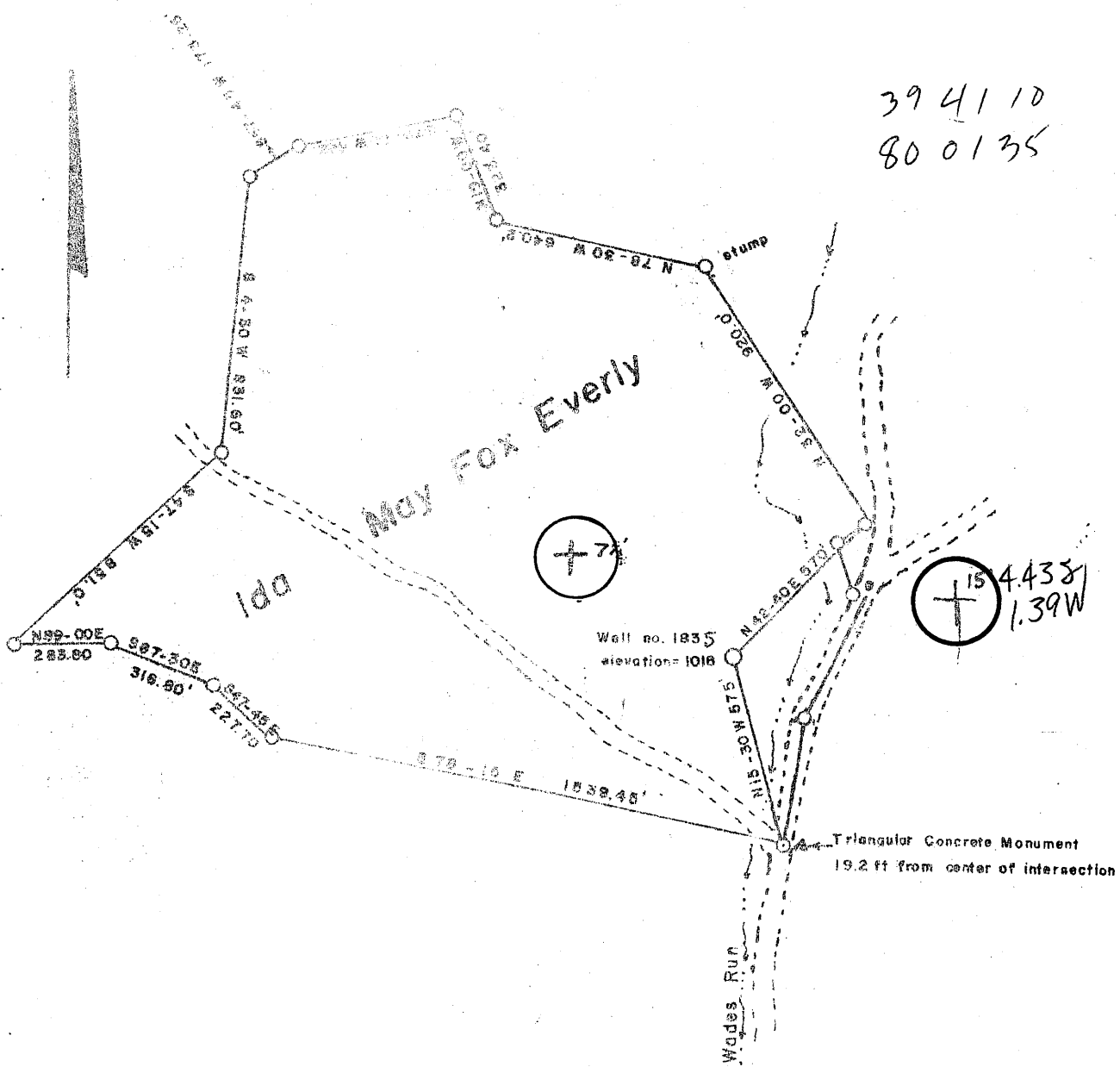


LATITUDE 39° 42' 30"  
(15') 39° 45'

39 41 10  
80 01 35

LONGITUDE 80° 00' 00"



Minimum Error of Closure 1 in 200

Source of Elevation taken from intersection of Wades Run and unnamed road, elevation = 992'

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.

Signed: Walter G. Gilbertson  
Squares: N S E W

Signature   
New Location   
Doll Paper   
Abandonment

Map No.

Company Carnegie Natural Gas Company  
Address Munhall, Pennsylvania  
Name Ida May Fox Everly  
Acreage 720 Lease No. 17714  
Well (Farm) No. \_\_\_\_\_ Serial No. 1835  
Elevation (Spirit Level) 1018 NE  
Block/Angle Case 7 1/2 BLACKSVILLE 15'  
County Monongalia District Cass  
Engineer Walter G. Gilbertson  
Engineer's Registration No. C.E. 5112  
Date July, 15, 1980 Drawing No. \_\_\_\_\_  
Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. 061-0605

#263 in 1912 Co Rpt

+ Denotes location of well on United States Topographic Maps, scale 1 to \_\_\_\_\_, latitude and longitude lines being represented by border lines as shown. 061-70349

-- Denotes one inch spaces on border line of original tracing. BAYARD SAND 3100

6-4 CASSVILLE-BOWLBY

AUG 28 1980 68

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

Date Dec. 8, 19 80

FORM IV-35  
(Obverse)

Ida May Fox Everly

Operator's Well No. 1-1835

[08-78]

WELL OPERATOR'S REPORT  
OF

API Well No. 47 - 061 - 0605

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

State County Permit

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow   
LOCATION: Elevation: 1018' Watershed: Wades Run  
District: Cass County: Monongalia Quadrangle: Osage 7 1/2

WELL OPERATOR Carnegie Natural Gas Company DESIGNATED AGENT J. C. Stephenson, Div. Supt.  
Address 3904 Main Street Address P.O. Drawer No. 387  
Munhall, Pa. 15120 Mannington, W. Va. 26582

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

PERMIT ISSUED ON August 11, 19 80

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name William Blosser  
Address Colfax, W. Va. 26566

GEOLOGICAL TARGET FORMATION: Bayard Sand Depth 3100 feet  
Depth of completed well, 2797 feet Rotary  / Cable Tools   
Water strata depth: Fresh, 25 feet; salt, \_\_\_\_\_ feet.  
Coal seam depths: 134-138, 174-178 Is coal being mined in the area? no  
Work was commenced October 9, 19 80, and completed October 14, 19 80

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
Conductor								Minds	
Fresh water									
Coal	11-3/4	H40	42	X		243	243	90 sacks	Sides
Intermediate	8-5/8	K55	24	X		1458	1458	335 sacks	
Production	4-1/2	J55	10.50	X		2754	2754	195 sacks	Bottom set
Tubing									
Liners									Perforations:
									Top Bottom

OIL & GAS DIVISION  
DEPT. OF MINES 2127-2596

OPEN FLOW DATA

Producing formation Fifty Foot and Bayard Pay zone depth 2667-2694 feet

Gas: Initial open flow, 29.8 Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, 57.7 Mcf/d Final open flow, SHOW Bbl/d

Time of open flow between initial and final tests, \_\_\_\_\_ hours

Static rock pressure, 465 psig (surface measurement) after 84 hours shut in

[If applicable due to multiple completion--]

Second producing formation \_\_\_\_\_ 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

APR 22 1981

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Well fractured October 30, 1980 by Dowell.  
Hole plugged back to 2754'.

Perforations:                   2127-2596                   22 holes  
                                  2667-2694                   14 holes

Fractured:                   1st Stage                   20,000#                   80/100 Sand  
  40,000#                   20/40 Sand  
  500 Gal. HCL 15% Acid  
  552 Bbl. Water

                                  2nd Stage                   20,000#                   80/100 Sand  
  40,000#                   20/40 Sand  
  500 Gal. HCL 15% Acid  
  555 Bbl. Water

WELL LOG

FORMATION	Color	Hard or Soft	1		Remarks Including indication of all fresh and salt water, coal, oil and gas
			Top Feet	Bottom Feet	
Clay	Red		0	14	Water - 25'  <i>KB Measurements</i>
Sand	White		14	85	
Shale	Gray		85	125	
Open hole			125	134	
Coal			134	138	
			138	174	
Coal			174	178	
			178	207	
Open			215	226	
Sand	White		263	460	
Shale	Gray		460	625	
Sand			625	810	
Shale			810	850	
Sand			850	965	
Shale	Gray		965	1095	
Sand	Gray		1095	1290	
Shale and Red Rock	Gray		1290	1415	
Little Lime			1415	1430	
Pencil Cave			1430	1450	
Big Lime			1450	1700	
Sand			1700	1710	
Shale	Gray		1710	1760	
Sand			1760	1860	
Sand and Shale			1860	2110	
Sand			2110	2360	
Red Rock and Shale	Red		2360	2480	
Sand	Gray		2480	2730	
Shale	Gray		2730		
Total Depth				2797	

(Attach separate sheets to complete as necessary)

CARNEGIE NATURAL GAS  
Well Operator  
By *Roy L. Dowell*  
Its SENIOR GEOLOGIST

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."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Everly No. 1-1835

API Well No. 47-061-0605  
State County Permi

WELL TYPE: Oil      / Gas X /  
(If "Gas", Production y / Underground storage      / Deep      / Shallow      /)

LOCATION: Elevation: 1018' Watershed: Wades Run  
District: Cass County: Monongalia Quadrangle: Osage 7 1/2

WELL OPERATOR Carnegie Natural Gas Co.  
Address 3904 Main Street  
Munhall, Pa. 15120

DESIGNATED AGENT J. C. Stephenson, Div. Supt.  
Address P. O. Drawer No. 387  
Mannington, WV 26582

OIL & GAS ROYALTY OWNER Ida May Fox Everly, et al.  
Address Rt. #1, Box 303  
Morgantown, WV 26505  
Acreage 72

COAL OPERATOR Consolidation Coal Co.  
Address Northern Div.  
Morgantown, WV 26505

SURFACE OWNER Ida May Fox Everly  
Address Rt. #1, Box 303  
Morgantown, WV 26505  
Acreage 72

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Consolidation Coal Co.  
Address Northern Div.  
Morgantown, WV 26505

FIELD SALE (IF MADE) TO:  
Name       
Address     

Name       
Address     

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name William Blosser  
Address Colfax, WV 26566

COAL LESSEE WITH DECLARATION ON RECORD:  
Name       
Address     

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed      / lease X / other contract      / dated Nov. 19, 1976, to the undersigned well operator from Ida May Fox Everly, et al.

[If said deed, lease, or other contract has been recorded:]

Recorded on Jan. 14, 1977, in the office of the Clerk of the County Commission of Monongalia County, West Virginia, in Deed Book 785 at page 701. A permit is requested as follows:

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

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

RECEIVED  
AUG 1 1978  
OIL & GAS DIVISION  
DEPT. OF MINES

BLANKET BILL

Carnegie Natural Gas Company  
Well Operator

By James C. Stephenson  
Div. Supt.

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Not known

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, Bayard Sand

Estimated depth of completed well, 3100 feet Rotary  / Cable tools \_\_\_\_\_ /

Approximate water strata depths: Fresh, 255' / 1285' feet; salt, \_\_\_\_\_ feet.

Approximate coal seam depths: 130' x 323' Is coal being mined in the area? Yes \_\_\_\_\_ / No

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		
Conductor	13"	H40	46	X		30'			Kinds
Fresh water									
Coal	11-3/4"	H40	42	X		360'		To surface	Sizes
Intermediate	8-5/8"	K55	24	X		1400'		To surface	
Production	4-1/2"	J55	10.50	X		3100'		400'	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**  
A separate permit shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed with Chapter 22.

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 4-13-81

Fred B. ...  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_