

Minimum Error of Closure 1' in 200'
 Source of Elevation B.M. U.S.G.S. Map. Gladesville, W.Va.-1960, N.E. Cor
Intersection of U.S. 119 and SR. 119/3; U.S.G.S. Disc. Elev. 1904'
 "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."

New Location
 Drill Deeper
 Abandonment *6/5/78*
 Map Sheet 1032 B-4

FB. 1899 Pg 35-40
 FB. 1905 Pg 10-12

Company Consolidated Gas Supply Corporation
 Address Clarksburg, W. Va.
 Farm EDITH ZINN (C.H. & H.L. ZINN, SURF)
 Tract Acres 62 Lease No. 129365
 Well (Farm) No. Serial No. 12434
 Elevation (Spirit Level) 1988', THORNTON 15'
 Quadrangle Gladesville, W.Va. - 7 1/2' - 1960
 County Monongalia District Clinton
 Engineer *Michael J. [Signature]*
 Engineer's Registration No. 5525
 File No. D Drawing No. 11-1-77
 Date 11-1-77 Scale 1"=1000'

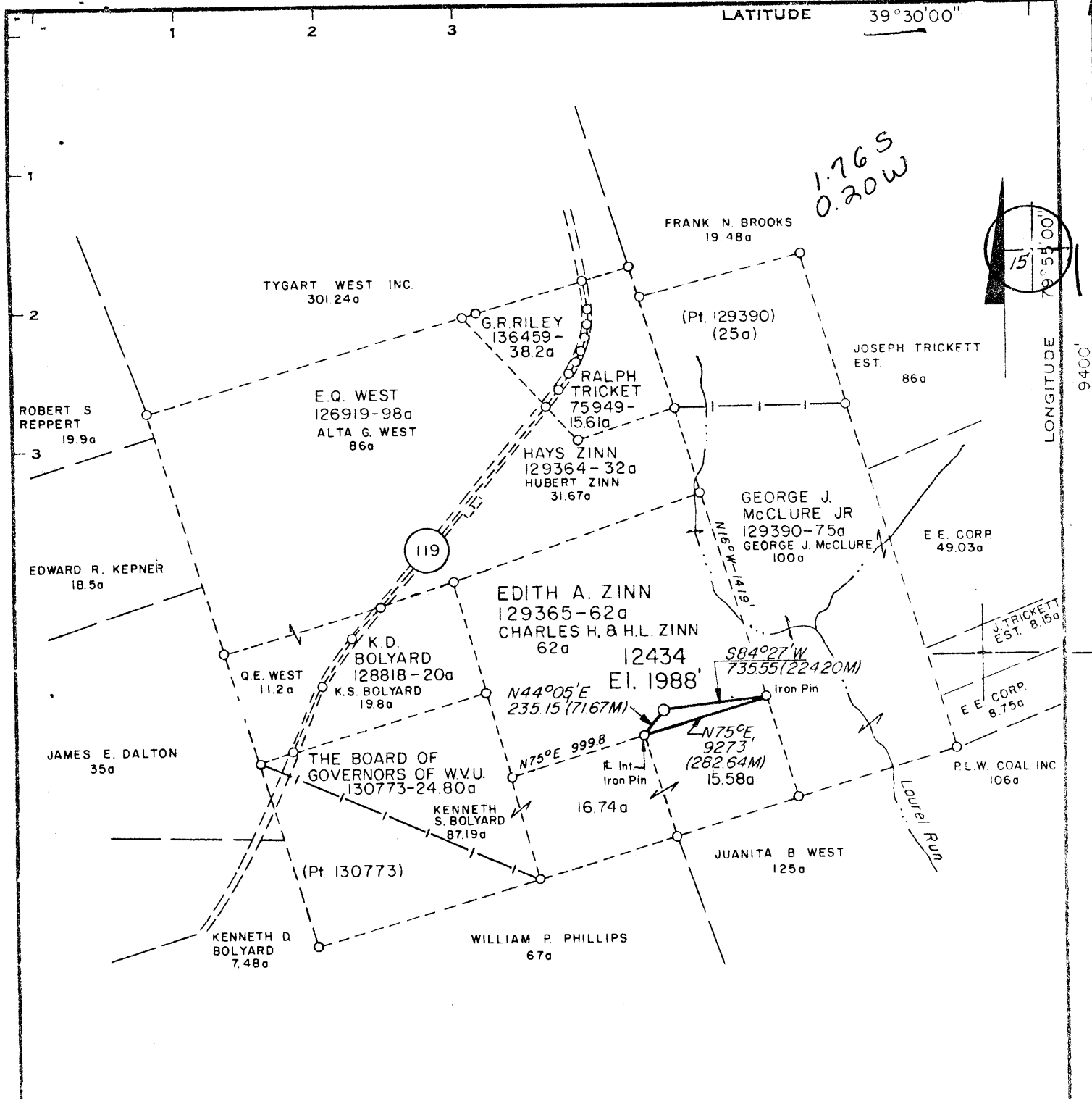
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MON-365-P

NW

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown. *Deep Well*
 - Denotes one inch spaces on border line of original tracing.

47-061 JUN 15 1978



1.765
0.20W

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STATE OF WEST VIRGINIA
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 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. **MON-365**

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 DEC 15 1977
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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

* CORRECTED

WELL RECORD

RECEIVED

AUG 18 1978

OIL & GAS DIVISION
DEPT. OF MINES

Rotary XX Oil _____
Cable _____ Gas XX Dry _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle GLADESVILLE

Permit No. MON-365-P

Company Consolidated Gas Supply Corporation

Address Clarksburg, W. Va.

Farm Edith A. Zinn Acres 62

Location (waters) Laurel Run

Well No. 12434 Elev. 1988'

District Clinton County Monongalia

The surface of tract is owned in fee by _____

Edith A. Zinn

Address Kingwood, W. Va.

Mineral rights are owned by Same

Address _____

Drilling Commenced December 5, 1977 *

Drilling Completed January 8, 1978

Initial open flow Show cu. ft. _____ bbls.

Final production Dry cu. ft. per day _____ bbls.

Well open _____ hrs. before test _____ RP.

Well treatment details:

Treated with 119,000# sand, 2000 gal 15% acid, 5000 gal 31% raw acid and 1000 gal water

Perforations: 7859-7873' & 7917-7927' with 26 shots

Attach copy of cementing record.

Coal was encountered at 55 Feet 36" Inches

Fresh water 93' Feet _____ Salt Water None Feet _____

Producing Sand Dry in all formations Depth _____

Consolidated Gas Supply Corporation
445 West Main Street
Clarksburg, W. Va.

15' above G.L.

Indicates Electric Log tops in the remarks section.

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Allen
RECEIVED

JUN 15 1978

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle GLADESVILLE

Permit No. MCN-365-P

Rotary xx Oil _____
Cable _____ Gas xx Dr
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Edith A. Zinn Acres 62
Location (waters) Laurel Run
Well No. 12434 Elev. 1988'
District Clinton County Monongalia
The surface of tract is owned in fee by _____
Edith A. Zinn
Address Kingwood, W. Va.
Mineral rights are owned by Same
Address _____
Drilling Commenced 1-8-78
Drilling Completed 1-8-78
Initial open flow Show cu. ft. _____ bbls.
Final production Dry cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond.			
13-10"	30'	30'	To surface
9 5/8	1129'	1129'	To surface
8 5/8			
7			
5 1/2			
4 1/2	8140	8140'	300 bags
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Treated with 118,000# sand, 2000 gal 15% acid, 5000 gal 31% raw acid and 1000 gal water
Perforations: 7859-7873' & 7917-7927' with 26 shots

Coal was encountered at 55 Feet 36" Inches
Fresh water 93' Feet _____ Salt Water None Feet _____
Producing Sand Dry in all formations Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	55		
Coal			55	58		
Sand & Shale			58	703	Water	93' Fresh
Lime			703	750		
Sand & Shale			750	7472		
TULLY LIMESTONE			7472	7554		
Sand & Shale			7554	7911		
ONONDAGA			7811	7856		
CHERT			7856	8084		
ORISKANY			8084	8116	Gas	Smell only Not enough to test
HELDERBERG			8118	- - -		
Total Depth				8227'		

Consolidated Gas Supply Corporation
445 West Main Street
Clarksburg, W. Va.

FB' 15' above G.L.

(over)

* Indicates Electric Log tops in the remarks section.

JUN 15 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV 16 1977

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 November 15, 1977

Surface Owner Edith A. Zinn

Company Consolidated Gas Supply Corporation

Address Kingwood, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Same

Farm Edith A. Zinn Acres 62

Address _____

Location (waters) Laurel Run

Coal Owner None

Well No. 12131 Elevation 1988'

Address _____

District Clinton County Monongalia

Coal Operator None

Quadrangle GLADESVILLE

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE No deep wells drilled within 1 mile of proposed location.

INSPECTOR
TO BE NOTIFIED William Blosser

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 3-26-78

ADDRESS Colfax, W. Va.

PHONE 363-9105

GENTLEMEN:

The Director, Oil & Gas Division 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 3-21-68 19 by Edith A. Zinn made to Phillips Petroleum Co. and recorded on the 5th day of June 19 68, in Monongalia County, Book 673 Page 528

XXXX 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:

Very truly yours,
(Sign Name) W. B. Payne Manager of Prod.
Well Operator

W. VA. OIL & GAS CONSERVATION COMMISSION
1613 WASHINGTON STREET, EAST
CHARLESTON, WEST VIRGINIA 25311

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, 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

MON-365 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."

47-061

Signed by W. B. Payne

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

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Ray Resources Div. Flying Diamond Oil Co. NAME R. E. Bayne
 ADDRESS Charleston, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE 311-8393 TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 8185' ROTARY XXXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ 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 - 48	30'	30'	To surface
9 - 5/8	1150'	1150'	To surface
8 - 5/8			
7			
5 1/2			
4 1/2	8175'	8175'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS None Recorded ??????
 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