

7100  
2164.08 M

LATITUDE 39° 35' 00"

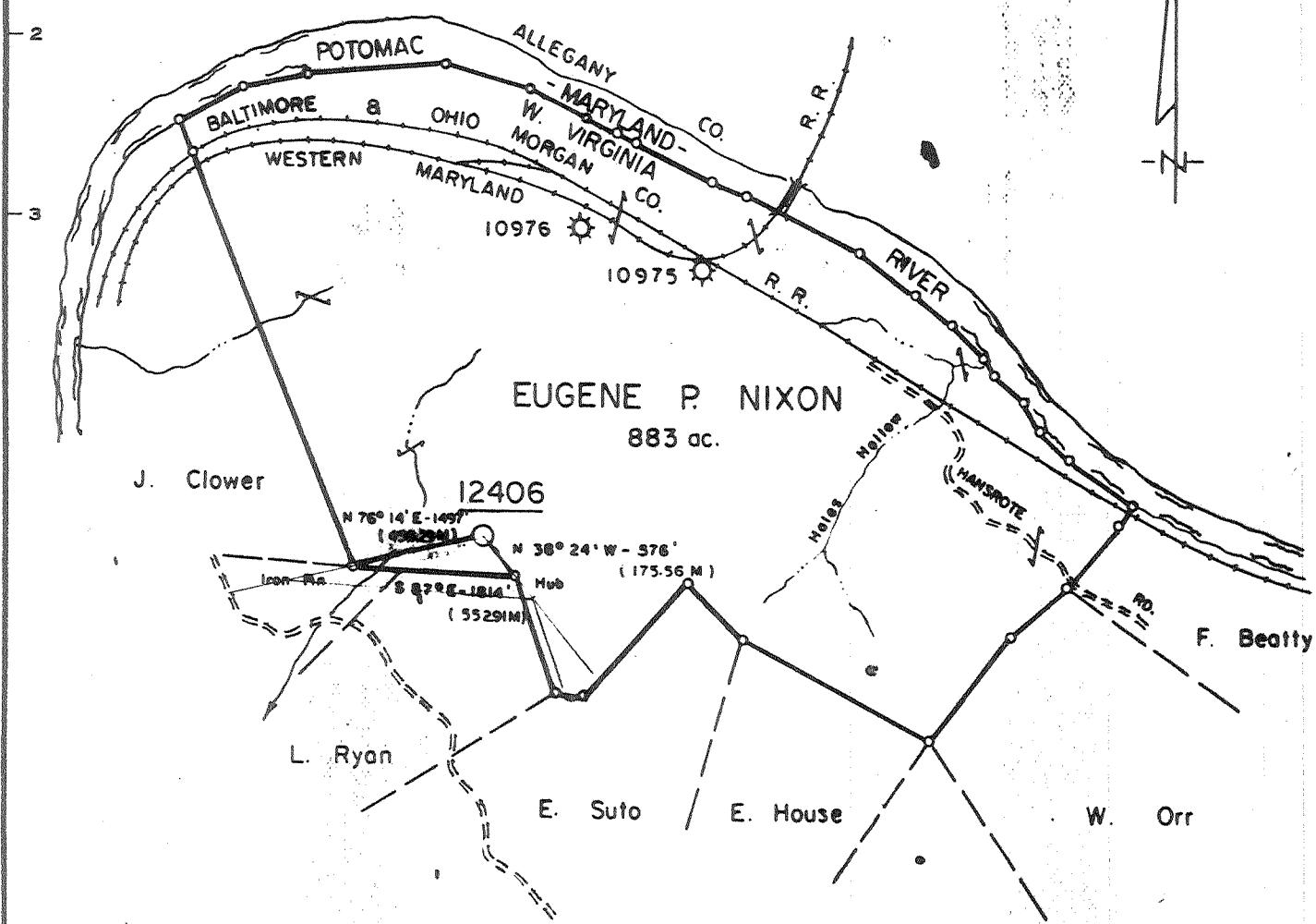
LONGITUDE 78° 25' 00"

2125'  
647.7M

*Jonie  
3/26/91*



STATE OF MARYLAND



NOTE: ALL BEARINGS CORRECTED TO PROPERTY DESCRIPTION

Minimum Error of Closure	<u>3247</u>
Source of Elevation	U.S.G.S. B.M. ELEV. 522.00'

"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

*3/27/91*

MAP SHT. 1601-S S 10 E 11 FB 1851 P 22-29

Company CNG Transmission  
 Address PO Box 2450, CHARLESTON, WV. 26302  
 Farm Eugene P. Nixon  
 Tract \_\_\_\_\_ Acres 883 ac. Lease No. 77373  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12406  
 Elevation (Spirit Level) 716'  
 Quadrangle Paw Paw 7.5  
 County Morgan District Coccon  
 Engineer Danell M. Kaddiffe  
 Engineer's Registration No. LLS 74  
 File No. \_\_\_\_\_ Drawing No. VCF77AW46  
 Date June 7, 1977 Scale 1" = 2000'

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

WELL LOCATION MAP  
API Well No. 47-065-0009-P

+ 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.

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

MAR 29 1991

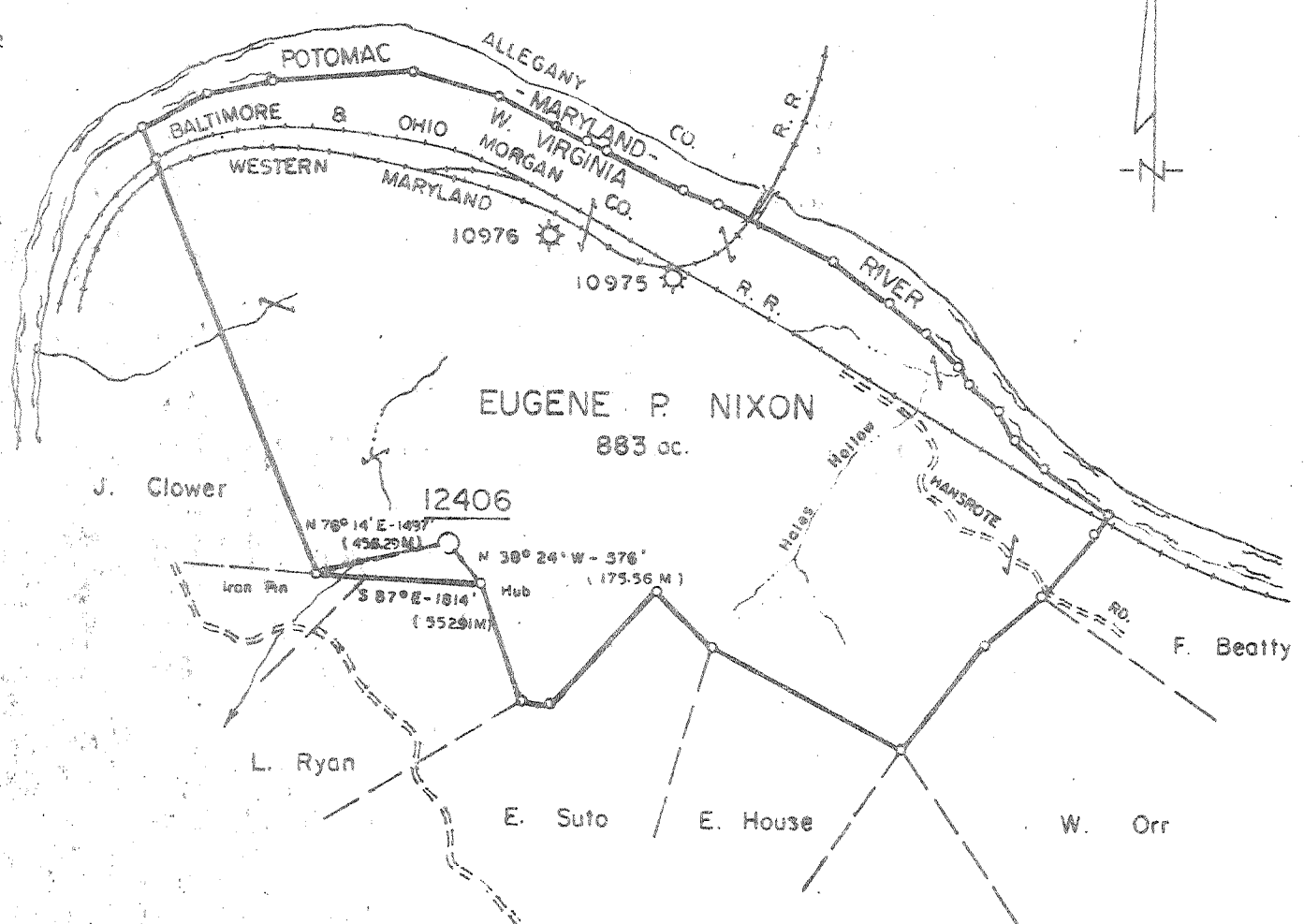
7486

Corrected location  
50.41  
39 34.40  
78 26.30

7 1/2'

LONGITUDE 78° 25' 00"  
2125'  
647.7M

STATE OF MARYLAND



NOTE: ALL BEARINGS CORRECTED TO PROPERTY DESCRIPTION

Minimum Error of Closure 3247  
Source of Elevation U.S.G.S. B.M. ELEV. 522.00'  
"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

MAP SHT. 1601-S S 10 E II FB 1851 P 22-29

Company Consolidated Gas Supply Corp.  
Address 445 W. Main St. Clarksburg, W. Va.  
Farm Eugene P. Nixon  
Tract Acres 883 ac. Lease No. 77373  
Well (Farm) No. Serial No. 12406  
Elevation (Spirit Level) 716'  
Quadrangle Pow Pow 7 1/2', 15' SW  
County Morgan District Cocapon  
Engineer Darrell M. Kadeliffe  
Engineer's Registration No. LLS 74  
File No. Drawing No. VCF77AW46  
Date June 7, 1977 Scale 1" = 2000'

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

WELL LOCATION MAP

FILE NO. MOR-9  
FORMERLY MOR 7

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.

AUG 16 1978

Denotes one inch spaces on border line of original tracing.

47-065

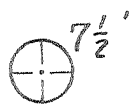
Deep Well 5-0

BAIRD Helderberg 3197486

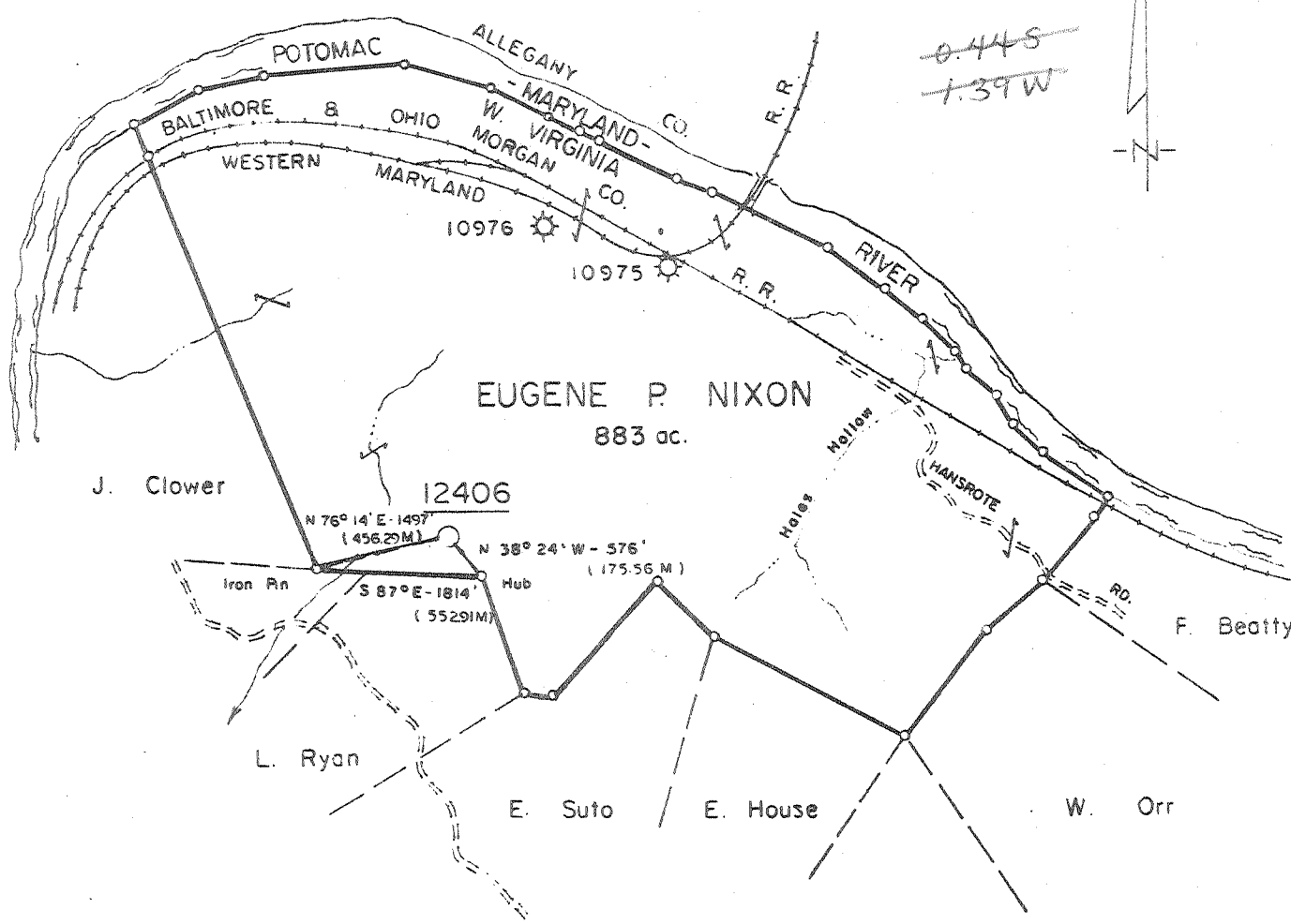
Corrected location



S 0.41  
W 1.35



STATE OF MARYLAND



NOTE: ALL BEARINGS CORRECTED TO PROPERTY DESCRIPTION

Minimum Error of Closure  $\frac{1}{3247}$   
 Source of Elevation U.S.G.S. B.M. ELEV. 522.00'  
 "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

MAP SHT. 1601-S S 10 E 11 FB 1851 P 22-29

Company Consolidated Gas Supply Corp.  
 Address 445 W Main St. Clarksburg, W. Va.  
 Farm Eugene P. Nixon  
 Tract Acres 883 ac. Lease No. 77373  
 Well (Farm) No. Serial No. 12406  
 Elevation (Spirit Level) 716'  
 Quadrangle Paw Paw 7 1/2, 15' SW  
 County Morgan District Cacapon  
 Engineer Darrell M. Kaddiffe  
 Engineer's Registration No. 44574  
 File No. Drawing No. VCF77AW46  
 Date June 7, 1977 Scale 1" = 2000'

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

WELL LOCATION MAP  
 FILE NO. MOR-7  
 Wad: MOR-7  
 now: MOR-9

+ 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.  
 — Denotes one inch spaces on border line of original tracing.

47-065 OCT 7 1977



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

MAR 16 1979

Oil and Gas Division  
WELL RECORD

Oil & Gas Division  
DEPT. OF MINES

Quadrangle Paw Paw

Permit No. MOR-9

065

Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) Any

Company	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
<u>Consolidated Gas Supply Corp.</u>				
Address <u>445 W. Main St., Clarksburg, WV</u>				
Farm <u>Eugene P. Nixon</u> Acres <u>7/10-883</u>				
Location (waters) <u>Potomac River</u>				
Well No. <u>12406</u> Elev. <u>716'</u>	Size <u>None</u>			
District <u>Cacapon</u> County <u>Morgan</u>	Cond. <u>16"</u>	<u>22'</u>	<u>22'</u>	
The surface of tract is owned in fee by <u>Darryl E. Nixon</u>	<u>18 1/2" 11 3/4"</u>	<u>268'</u>	<u>268'</u>	To surface
Address <u>Oldtown, Md.</u>	<u>9 5/8</u>			
Mineral rights are owned by <u>Eugene P. Nixon</u>	<u>8 5/8</u>	<u>1503'</u>	<u>1503'</u>	To surface
Address <u>Oldtown, Md.</u>	<u>7</u>			
Drilling Commenced <u>October 11, 1978</u>	<u>5 1/2</u>			
Drilling Completed <u>November 17, 1978</u>	<u>4 1/2</u>	<u>5009'</u>	<u>5009'</u>	150 Sks.
Initial open flow _____ cu. ft. _____ bbls.	<u>3</u>			
Final production _____ cu. ft. per day _____ bbls.	<u>2</u>			
Well open _____ hrs. before test _____ RP.	Liners Used			

Attach copy of cementing record.

Well fractured in Oriskany with 80,000# sand, 1000 bbls. 5% Hcl. water & 2000 gal. 20% Hcl.  
Perforations: 4854 - 4906' with 26 holes.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 160' 340' Feet \_\_\_\_\_ Salt Water 3070' Feet \_\_\_\_\_  
Producing Sand Oriskany Depth See perforations

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	5		
Sand & Shale			5	275	Water	160' Small amount
Sand Shale			275	287		
Shale & Sand			287	1290	Water	340' 1 1/2" Stream
Shale & White Sand			1290	1350		
Shale & Sand			1350	1600		
Sand Shale			1600	1640		
Sand & Shale			1640	2450		
Sand Shale			2450	2520		
Sand & Shale			2520	4670		
Onondaga			4670	4690		
Shale			4690	4780		
Oriskany			4780	4900		
Sand & Lime			4900	4933		
Shale & Lime - <u>Helderberg</u>			4933	5026	T.D.	
<input checked="" type="checkbox"/> KBM 10' above G. L.						
Gamma Ray Log						
Chaneyville			2357			
Oolitic			2539			
"D" Zone			2960			
Purcell - <u>Marcellus</u>			4301			
Onondaga			4671			
Oriskany			4790			

Consolidated Gas Supply Corp.  
445 West Main Street  
Clarksburg, West Virginia

A. L. Byrne Manager of Prod.

(over)

\* Indicates Electric Log tops in the remarks section.

APR 10 1979



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

SEP - 1 1977

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 30, 1977

Surface Owner Darryl E. Nixon  
Address Oldtown, Md.  
Mineral Owner Eugene P. Nixon  
Address Oldtown, Md.  
Coal Owner No coal  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm Eugene P. Nixon Acres 7/10 of 883  
Location (waters) Patomac River  
Well No. 12406 Elevation 716'  
District Cacapon County Morgan  
Quadrangle PAW PAW

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 1-6-78.

INSPECTOR  
TO BE NOTIFIED Bill Hatfield  
ADDRESS P. O. Box 385, Buckhannon, W. Va.  
PHONE 172-4268

[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 12-14-67 19    by Eugene P. Nixon made to Consol. Gas Sply. Corp. and recorded on the 8th day of January 1968, in Morgan County, Book 74 Page 30

XXX 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) [Signature] 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

"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 [Signature]

was: MOR-7 PERMIT NUMBER  
47-065  
now: MOR-9

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

PROPOSED WORK ORDER TO XXXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Fairman Drilling Company NAME R. L. Farger  
 ADDRESS Box 288, DuBois, Pa. ADDRESS Box 260, Jannette, Pa.  
 TELEPHONE - - - TELEPHONE 414-523-6440  
 ESTIMATED DEPTH OF COMPLETED WELL: 4970' ROTARY XXX 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.
<del>20x</del> 16 "	30'	30'	To surface
13 - 10			
9 - 5/8	1500'	1500'	To surface
8 - 5/8			
7			
5 1/2	4970'	4970'	<del>125</del> 125 Bags
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

95' 310'

APPROXIMATE FRESH WATER DEPTHS 377' FEET \_\_\_\_\_ SALT WATER Various FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS None  
 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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUL 28 1978

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 27, 1978

Surface Owner Darryl E. Nixon

Company Consolidated Gas Supply Corp.

Address Oldtown, Md.

Address 445 West Main Street, Clarksburg, WV

Mineral Owner Eugene P. Nixon

Farm Eugene P. Nixon Acres 7/10 of 883

Address Oldtown, Md.

Location (waters) Potomac River

Coal Owner No coal

Well No. 12406 Elevation 716

Address \_\_\_\_\_

District Cacapon County Morgan

Coal Operator None

Quadrangle Paw Paw

Address \_\_\_\_\_

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 11-28-78.

INSPECTOR Robert Stewart  
TO BE NOTIFIED Bill Hatfield

ADDRESS P. O. Box 385, Buckhannon, WV 26038

PHONE 884-7182  
472-4268

Robert Stewart  
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 12-14 1967 by Eugene P. Nixon made to Consolidated Gas Supply and recorded on the 8th day of January 1968, in Morgan County, Book 74 Page 30

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,  
(Sign Name) [Signature]  
Well Operator Manager of Production

Address of Well Operator Consolidated Gas Supply Corporation  
Street 445 West Main Street  
City or Town Clarksburg, WV 26301  
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

Garnesley Mar-7  
Expired

MOR-9 PERMIT NUMBER

47-065

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

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Fairman Drilling Company NAME R. E. Bayne  
 ADDRESS Box 288, DuBois, PA ADDRESS Clarksburg, WV  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 4970 ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT PUT UP OR SACKS - CUBIC FT.
<del>20</del> - 16			
13 - 10	30'	30'	To surface
9 - 5/8	1500'	1500'	To surface
8 - 5/8			
7			
5 1/2	4970'	4970'	125 bags
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95, 310, 377 FEET SALT WATER Various FEET  
 APPROXIMATE COAL DEPTHS None  
 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



ORISKANY DATA FROM MORGAN COUNTY GAS WELLS

Permit	Quad.	Oriskany	
		Top	Thickness
1.....	Stotlers.....	NOT DRILLED TO Do	
2.....	NOT DRILLED		
3.....	Paw Paw.....	-4167.....	146+
4.....	Paw Paw.....	-3983.....	164+
5.....	Stotlers.....	Below -5896....	Did not reach Do
6.....	Paw Paw.....	-5837.....	26.....Faulted
7.....	NOW PERMIT NO. 9		
8.....	Paw Paw.....	-5161.....	???.....Stopped in Do
9.....	Paw Paw.....	-4064.....	150