

M. C. Campbell

Edna P. Milburn
322 a.

Harold D. Ford

John M. Gallaher

Note: All Bearings Corrected to Property Description

Minimum Error of Closure $\frac{1}{4500}$
 Source of Elevation U.S.G.S. BM. ELE. 497.00'

"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

12-3
 MAP SHEET 1601-3, 58-E12; F.B. 2150 P. 4-9

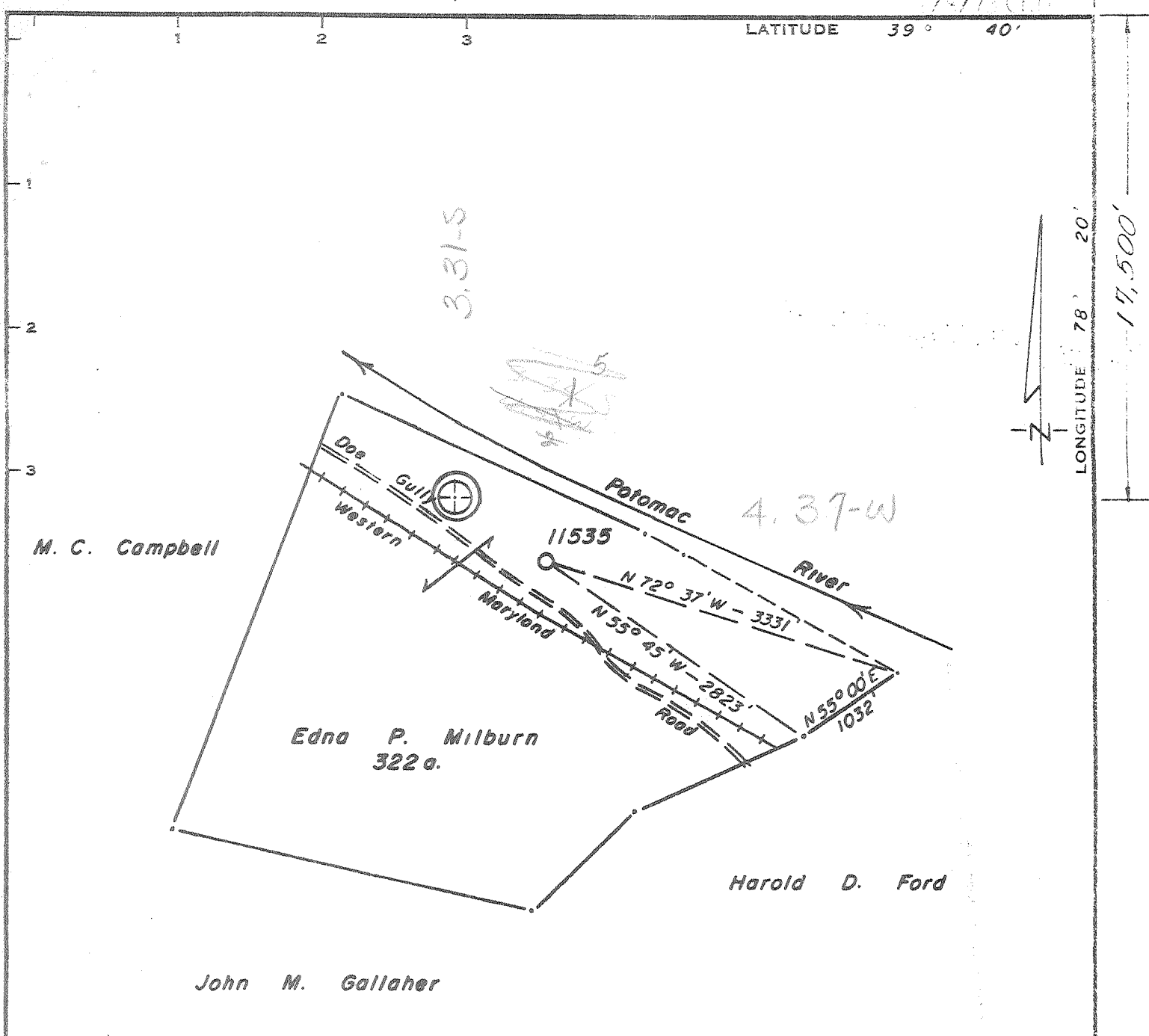
Company Consolidated Gas Supply Corp.
 Address 445 W. Main St. Clarksburg, W. Va.
 Farm Edna P. Milburn
 Tract 1 Acres 322a Lease No. 72970
 Well (Farm) No. 1 Serial No. 11535
 Elevation (Spirit Level) 468'
 Quadrangle Paw Paw C
 County Morgan District Cacapon
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. Drawing No. VCF72AW32
 Date Sept 13, 1972 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. MORGAN-6-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

47 065
 FEB 7 1974 12191



M. C. Campbell

Edna P. Milburn
322 a.

Harold D. Ford

John M. Gallaher

Note: All Bearings Corrected to Property Description

Minimum Error of Closure $\frac{1}{4500}$
 Source of Elevation U.S.G.S. B.M. ELE. 497.00'
 "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 SHEET 1601-S, 58-E12; F.B. 2150 P. 4-9

Company Consolidated Gas Supply Corp.
 Address 445 W. Main St. Clarksburg, W. Va.
 Farm Edna P. Milburn
 Tract 1 Acres 322⁹ Lease No. 72970
 Well (Farm) No. 1 Serial No. 11535
 Elevation (Spirit Level) 468'
 Quadrangle Paw Paw C
 County Morgan District Cacapon
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. VCF72AW 32
 Date Sept 13, 1972 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. MORGAN-6

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

47 065



RECEIVED

JAN 18 1974

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle PAW PAW

Permit No. Mor-6-P

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Edna P. Milburn Acres 322
Location (waters) Potomac River
Well No. 11535 Elev. 468'
District Cacapon County Morgan
The surface of tract is owned in fee by _____

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 8-16-73
Drilling Completed 12-16-73
Initial open flow No Gas cu. ft. _____ bbls.
Final production 0 M cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>20-16"</u>	30'	30'	To surface
Cond. <u>13-10"</u>	339'	339'	To surface
<u>9 5/8</u>			
<u>8 5/8</u>	1563'	1563'	150 bags
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>			
<u>3</u>			
<u>2</u>			
Liners Used			

Attach copy of cementing record.

Not treated

No coal encountered

Coal was encountered at 16', 260', 303', 315' Feet _____ Inches
Fresh water 605' & 703' Feet _____ Salt Water _____ Feet _____
Producing Sand No gas in any formation Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay & Sand			0	35		See water above
Lime			35	535		
Sand & Shale			535	2240		
Lime & Shells			2240	3200		
Lime & Shale			3200	5510		
✓ Purcell = Hamilton			5510	5630		No Gas in any formation
✓ Shale - Marcellus?			5630	5850		
✓ Onondaga			5850	6200		
✓ Needmore			6200	6315		
✓ Oriskany			6315	6511		
Total Depth				6511'		

475

5750 6315
268 468
5882 5847

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

(over)

* Indicates Electric Log tops in the remarks section.



RECEIVED

AUG 8 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 August 6, 1973

Surface Owner Edna P. Milburn, et al

Company Consolidated Gas Supply Corporation

Address Great Cacapon, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Same

Farm Edna P. Milburn Acres 322

Address _____

Location (waters) Potomac River

Coal Owner None

Well No. 11535 Elevation 468'

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 12-9-73.

Paul Thomas

INSPECTOR TO BE NOTIFIED 472-6418
Buckhannon, W. Va.

PH: _____

Robert L. Fode
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 12-1-63 19 by Edna P. Milburn made to Hope Natural Gas Co. and recorded on the 16th day of Janauary 1964, in Morgan County, Book 69 Page 353

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.

Very truly yours, Alc. Bayne Manager of Prod.
(Sign Name) _____
Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
1145 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

MORGAN-6

47 65

PERMIT NUMBER

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 Not known _____ NAME R. E. Bayne _____
 ADDRESS _____ ADDRESS Bridgeport, W. Va. _____
 TELEPHONE _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 1900' _____ 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.
XXX 16 "	30'	30'	To surface
XXXX 11 "	300'	300'	To surface
9 - 5/8			
8 - 5/8	1500'	1500'	85 bags
7			
5 1/2			
4 1/2	1900'	1900'	150 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 120 FEET _____ SALT WATER None 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