



Minimum Error of Closure 1' IN 200'
 Source of Elevation U.S.G.S. - "X" ON SOUTH END OF CONCRETE HEADWALL, WEST SIDE OF RT. 23 ELEV. 973
 "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 54 S 9 E 1 F.B. 1653 PGS. 11-14

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, WEST VIRGINIA
 Farm CAULFIELD - McQUAIN
 Tract Acres 70 Lease No. 89654
 Well (Farm) No. Serial No. 11655
 Elevation (Spirit Level) 1152'
 Quadrangle CENTERPOINT SOUTH CENTRAL SECTION
 County DODDRIDGE District McCLELLAN
 Engineer *B. [Signature]*
 Engineer's Registration No. 233
 File No. Drawing No.
 Date MAY 25, 1973 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. 100-1737

+ 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. 47-017



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Kotary XX Oil _____
Cable _____ Gas XX NO. 1
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle CENTERPOINT

Permit No. DOD-1737

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Caulfield-McQuain Acres 70
Location (waters) _____
Well No. 11655 Elev. 1152'
District McClellan County Doddridge
The surface of tract is owned in fee by _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>20-16"</u>	20	20	To surface
Cond. <u>COND. 11"</u>	250	250	To surface
<u>9 5/8</u>			
<u>8 5/8</u>	1089	1089	75 bags
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	231 1/2	231 1/2	135 bags
<u>3</u>			
<u>2</u>			
Liners Used			

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 8-13-73
Drilling Completed 8-29-73
Initial open flow Show cu. ft. _____ bbls.
Final production 3,557 M cu. ft. per day _____ bbls.
Well open 11 days hrs. before test 720# RP.
Well treatment details:

Attach copy of cementing record.

Well fractured in Injun 9-12-73 with 73 hbl water, 37,000# sand and 500 gal 15% acid.
Perforations: 2212'-2260' with 18 holes

Coal was encountered at None Feet _____ Inches _____
Fresh water 10' Feet _____ Salt Water None Feet _____
Producing Sand Injun Depth 2212-60'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & Red Rock			0	211	Water	10' Fresh
Sand & Shale			211	920		
Shale & Red Rock			920	1719		
1st Salt			1719	1785		
Shale			1785	1890		
3rd Salt			1890	1906		
Sand & Shale			1906	2065		
Little Lime			- 2065	2080		
Big Lime			- 2080	2170		
Big Injun			2170	2280	Gas	2212-62'
Total Depth				2356'		

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

K.R. Measurement 11' above G.I.

(over)

* Indicates Electric Log tops in the remarks section.

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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 July 3, 1973

Surface Owner Florence B. Moore
Address Not known
Mineral Owner George W. McQuain, Executor
Address Box 2029, Clarksburg, W. Va.
Coal Owner Willis G. Tetrick
Address Prunty Building, Clarksburg, W. Va.
Coal Operator No Operations
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Caulfield-McQuain Acres 70
Location (waters) Jesse's Run Robinson Fk.
Well No. 11655 Elevation 1152'
District McClellan County Doddridge
Quadrangle CENTERPOINT

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 11-6-73.

Robert L. Ford
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED

Mr. W.M. Blosser
Box 1857 PH: Fairmont
Calfay
W. Va. 26566

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 5-8-71 19 by Leo P Caulfield et al made to Consolidated Gas Supply and recorded on the 30th day of July 1971, in Doddridge County, Book 94 Page 628

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,

(Sign Name) Robert L. Ford Manager of Prod.
Well Operator

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 BOARD

Road-1737 PERMIT NUMBER
47-017

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 Spencer Enterprises NAME R. E. Bayne
 ADDRESS West Union, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL _____ GAS XXX 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.
XX 16 - 16"	20'	20'	To surface
XXXX 11"	250'	250'	To surface
9 - 5/8			
8 - 5/8	1100'	1100'	75 bags
7			
5 1/2			
4 1/2	2400'	2400'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65 FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS ????
 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