



Minimum Error of Closure 1' IN 200'

Source of Elevation B.M. = ROAD FORK EL. -1849'

"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 933-G-3 F.B.1800 - PG. 31-32

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA
 Farm CARL BORN SURF. & MINERAL
 Tract Acres 40 Lease No. G-136456
 Well (Farm) No. Serial No. 12239
 Elevation (Spirit Level) 1855' SE
 Quadrangle MASONTOWN 7 1/2, MORGANTOWN 15'
 County PRESTON District VALLEY
 Engineer Danell M. Radcliffe
 Engineer's Registration No. L.L.S. 74
 File No. Drawing No.
 Date 11-2-76 Scale 1" = 1,000'

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

WELL LOCATION MAP
 FILE NO. **PRES-184**

+ 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.

47-077 DEC 13 1976



RECEIVED

NOV 30 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division DEPT. OF MINES

WELL RECORD

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

Quadrangle MASONTOWN

Permit No. PRES-1814

Company Consolidated Gas Supply Corporation

Address Clarksburg, W. Va.

Farm Carl M. Born Acres 40

Location (waters) Laurel Run

Well No. 12239 Elev. 1855'

District Valley County Preston

The surface of tract is owned in fee by Carl M. Born

Address Kingwood, W. Va.

Mineral rights are owned by Frank M. Sypolt
Address Rt #1, Box 263, Reedsville

Drilling Commenced 2-5-77

Drilling Completed 2-26-77

Initial open flow Show cu. ft. _____ bbls.

Final production 4,442 M cu. ft. per day _____ bbls.

Well open 1 hrs. before test 3300# RP.

Well treatment details:

Chert treated with 56,000# sand, 1000 bbl water and 10,500 gal acid(31.45%)

Perforations: 7793-7677' with 45 hole

Attach copy of cementing record.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10 ^{XX}	287'	287'	To surface
9 5/8	1482'	1482'	To surface
8 5/8			
7			
5 1/2			
4 1/2	7953'	7953'	280 bags
3			
2			
Liners Used			

Coal was encountered at None Feet _____ Inches _____
Fresh water 352' Feet _____ Salt Water _____ Feet _____
Producing Sand Chert Depth 7793 - 7677'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	56		
Open Mine			56	60		
Sand			60	315		
Sand & Shale			315	771		
Big Lime			771	996		
Big Injun			996	1104		
Sand & Shale			1104	7244		
Tully Limestone			7244	7370		
Marcellus Shale			7370	7651		
ONONDAGA			7651	7665		
CHERT			7665	7841	Gas	Chert See Perfs
ORISKANY			7841	7914		
HELDERBERG			7914	7953		
Total Depth				7953'		

KBM 15' above G.L.

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

(over)

* Indicates Electric Log tops in the remarks section.

THIS PERMIT MUST BE POSTED AT THE WELL SITE



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All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved

STATE OF WEST VIRGINIA

for Drilling. This permit shall expire if operations have not commenced by 3-24-77

DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

Deputy Director - Oil & Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE November 19, 1976

Surface Owner Carl M. Born

Company Consolidated Gas Supply Corporation

Address Kingwood, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Frank M. Sypolt

Farm Carl M. Born Acres 40

Address Rt 1, Box 263, Reedsville, W. Va.

Location (waters) Laurel Run

Coal Owner Sunny Hill Mining Co.

Well No. 12239 Elevation 1855'

Address Unknown

District Valley County Preston

Coal Operator None

Quadrangle MASONTOWN

Address _____

No deep wells within 3000' of proposed location.

INSPECTOR

TO BE NOTIFIED Bill Blosser

ADDRESS Colfax, W. Va.

PHONE 363-9105

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 18-17-70 19 by Carl Born made to Consol. Gas Sply Corp. and recorded on the 9th day of September 1970, in Preston County, Book 115 Page 676

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 Same 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) W. Payne 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

I have read & understand the requirements of the reclamation act and will comply.

*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.

Pres-184 PERMIT NUMBER
47-077

BLANKET BOND

Survey

**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 _____ NAME R. E. Bayne _____
 ADDRESS Charleston, W. Va. _____ ADDRESS Bridgeport, W. Va. _____
 TELEPHONE - - - _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 7958' _____ ROTARY xxx CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany _____
 TYPE OF WELL: OIL _____ GAS xxx COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - XX	30'	30'	To surface
13 - XX	300'	300'	To surface
9 - 5/8			
8 - 5/8	1500'	1500'	To surface
7			
5 1/2			
4 1/2	7958'	7958'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Stripped _____
 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