



Minimum Error of Closure 1" IN 200'
 Source of Elevation BM - C.G.S.C. WELL # 10394 - EL. 1330'
BROWNTON - 7 1/2'

"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

M.S 56 A S-22 E-21 F.B. 2042 P.G. 11-12

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W.V.
 Farm PAUL PICKENS
 Tract Acres 300g Lease No. 70964
 Well (Farm) No. Serial No. 12674
 Elevation (Spirit Level) 1387'
 Quadrangle BROWNTON - 7 1/2' PHILIPPI 15' WC
 County BARBOUR District ELK
 Engineer Harrell M. Radcliffe
 Engineer's Registration No. 1115
 File No. Drawing No.
 Date 10-7-80 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. 001-1468

+ 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. 2600 INTJUN



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED

DEC - 5 1980

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle Brownton

Permit No. 17-001-1468

Company Consolidated Gas Supply Corp.
Address 115 W. Main St., Clarksburg, WV
Farm Paul Pickens Acres 300
Location (waters) Raccoon Creek
Well No. 12674 Elev. 1387'
District Elk County Barbour
The surface of tract is owned in fee by William M. Compton, C & W Coal Co.
Address 122 Camden St., Clarksburg, WV
Mineral rights are owned by Millon Bank Exc. Paul D. Pickens Est.
Address Millon Square, Pittsburgh, Pa.
Drilling Commenced October 25, 1980
Drilling Completed October 30, 1980
Initial open flow _____ cu. ft. _____ bbls.
Final production 30.1 1/4 cu. ft. per day 6.5 bbls.
Well open _____ hrs. before test 300# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>20 1/6</u>			
Cond. <u>16"</u>	<u>18</u>	<u>18</u>	
<u>13 1/4" 11 3/4"</u>	<u>219</u>	<u>219</u>	To surface
<u>9 5/8</u>			
<u>8 5/8</u>	<u>1154</u>	<u>1154</u>	To surface
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>2718</u>	<u>2718</u>	205 sks.
<u>3</u>			
<u>2</u>			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured in Fifth Sand with 60,000# sand, 750 bbls of water & 500 gals. 15% Hcl.
Perforations: 2503 - 2510' with 1 1/4 holes.

Coal was encountered at 1156 Feet 1 1/8 Inches
Fresh water 77 & 390 Feet Salt Water _____ Feet
Producing Sand Fifth Depth 2510

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale	Grey		77	164	Water @ 77'	1 1/2" St.
Sand & Shale	Grey		164	298	Water @ 390'	1 1/2" St.
Sandy Shale	Grey		446	490		
Sandy Shale	Grey		715	882		
Sand & Shale	Grey		882	1156		
Coal	Black		1156	1160		
Sand & Shale	Grey		1160	1215		
Shale	Grey		1215	1421		
Sand			1455	1505		
Shale			1515	1525		
Sand			1525	1570		
Shale	Red		1570	1610		
Sand			1610	1630		
Lime			1630	1700		
Sand			1700	2151		
Sand & Shale	White & Grey		2151	2222		
Shale	Red & Grey		2222	2500		
Sand & Shale			2500	2744		
KBM 10' above G. L.					T. D.	Consolidated Gas Supply Corp.

(over)

* Indicates Electric Log tops in the remarks section.

JAN 2 1981

Formation	Color	Hard or Soft	Top Feet [±]	Bottom Feet	Oil, Gas or Water	Remarks
Gamma Ray Tops						
3rd Salt			1256	1304		
Little Lime			1566	1598		
Big Lime			1628	1715		
Big Injun			1715	1804		
Gantz			1985	2055		
4th			2426	2436		
4th A			2458	2470		
5th			2502	2538		
Lower 5th			2548	2568		
Base			2620	2627		
Total Depth				2734		

Date December 4, 1980

APPROVED Consolidated Gas Supply Corp. Owner

By J. E. Payne Manager of Prod.

[Handwritten initials]



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 14 1980

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 October 13, 1980

Surface Owner William M. Compton, C&W Coal Co.
Address 122 Camden St., Clarksburg, WV
Mineral Owner Mellon Bank, Exc. Paul D. Pickens
Address Mellon Square, Pittsburgh, Pa. 15230
Coal Owner Boy Scouts of America
Address 227 So. 3rd St., Clarksburg, WV
Coal Operator None
Address _____

Company Consolidated Gas Supply Corp.
Address 445 W. Main St., Clarksburg, WV
Farm Paul Pickens Acres 300
Location (waters) Raccoon Creek
Well No. 12674 Elevation 1387'
District Elk County Barbour
Quadrangle Brownton

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 6-20-81.

J. H. Huggins
Deputy Director, Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Robert Stewart
ADDRESS P.O. Box 345, Jane Lew, WV 26378
PHONE 884-7782

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 June 19, 1961 by Paul D. Pickens et ux made to Hope Natural Gas Co. and recorded on the 31st day of August 1961, in Barbour County, Book 44 Page 293
 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

Address
of
Well Operator

Very truly yours,
(Sign Name) L. E. Beane Manager of Prod.
Well Operator
Consolidated Gas Supply Corp.
Street
445 West Main Street
City or Town
Clarksburg, West Virginia
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

47-001-1468

PERMIT NUMBER

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 Delta Drilling Co.

NAME R. E. Bayne

ADDRESS Rt. 4, Box 132A, Indiana, Pa.

ADDRESS Bridgeport, WV

TELEPHONE

TELEPHONE 623-8000

ESTIMATED DEPTH OF COMPLETED WELL: 2600'

ROTARY X CABLE TOOLS

PROPOSED GEOLOGICAL FORMATION: N. A.

TYPE OF WELL: OIL X GAS COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT THE UP OR SACKS - CUBIC FT.
20 - 16			
17 1/8 11 3/4"	20'	20'	
9 - 5/8			
8 - 5/8	1100'	1100'	To surface
7			
5 1/2			
4 1/2	2600'	2600'	150 Sks. <i>at as read</i>
3			Perf. Top <i>by rule 15.01</i>
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 90 FEET SALT WATER FEET

APPROXIMATE COAL DEPTHS Unknown

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