

Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. = U.S.G.S. B.M. MARKED J127 1957 EL-773'
 "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 24 N23 W2

F.B. -1785 Pg 8-9

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm NATHAN SHEPHERD (M.J. MASON ET. AL.)
 Tract Acres 216 Lease No. 1990
 Well (Farm) No. _____ Serial No. 12141
 Elevation (Spirit Level) 751'
 Quadrangle GLEN EASTON 7 1/2
 County MARSHALL District MEADE
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 6-30-76 Scale 1" = 1,000'

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

WELL LOCATION MAP
 FILE NO. MARS-565-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.

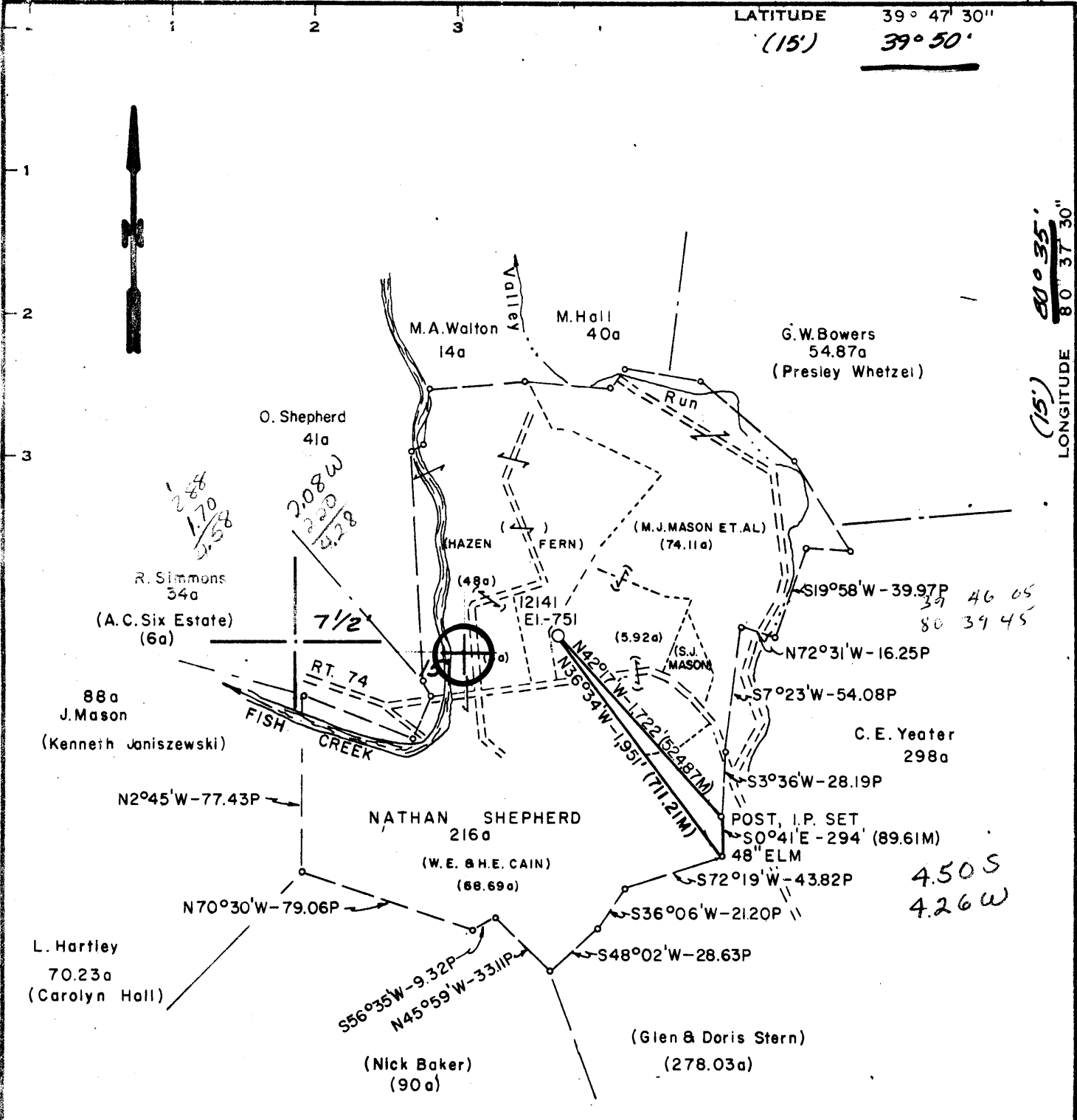
— Denotes one inch spaces on border line of original tracing. **47-051**

7,276

LATITUDE 39° 47' 30"
(15') 39° 50'

LONGITUDE 80° 37' 30"
(15') 80° 35'

9,000' (2,743.20M)



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 Elevation (Spirit Level) 751' *SC*
 Quadrangle GLEN EASTON 7 1/2 Cameron 15'
 County MARSHALL District MEADE
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. Drawing No.
 Date 6-30-76 Scale 1" = 1,000'

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

WELL LOCATION MAP
 FILE NO. MARS-565

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001 26 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle CAMERON

Permit No. MARS-565

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.

Farm Nathan Shepherd Acres 216

Location (waters) Fish Creek

Well No. 12111 Elev. 751'

District Meade County Marshall

The surface of tract is owned in fee by _____

M. J. Mason

Address Cameron, W. Va.

Mineral rights are owned by Consolidated Gas Supply

Address Clarksburg, WV

Drilling Commenced 8-9-76

Drilling Completed 8-25-76

Initial open flow Show cu. ft. _____ bbls.

Final production 516 M cu. ft per day _____ bbls.

Well open 14 days hrs. before test 850# RP.

Well treatment details:

Attach copy of cementing record.

Fractured with 700 bbl water, 50,000# sand and 500 gal 15% acid.

Perforated (at 2242' - 2250') with 24 holes.

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>11"</u>	206'	206'	To surface
<u>9 5/8</u>			
<u>8 5/8</u>	1847'	1847'	340 bags
<u>5 1/2</u>			
<u>4 1/2</u>	2423'	2423'	140 bags
<u>3</u>			
<u>2</u>			
Liners Used			

Coal was encountered at x 88', 92', 410' 503' Feet 24" 24" 72" 84" Inches

Fresh water 40' Feet Salt Water 1405' Feet

Producing Sand Berea Depth 2242-2250'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & Clay			0	88	Water	40' Fresh
Coal			88	90		
Shale			90	92		
Coal			92	94		
Sand & Shale			94	410		
Coal			410	416		
Sand & Shale			416	503		
Coal			503	510		
Sand & Shale			510	1520	Water	1405' Salt
Maxton			1520	1565		
Little Lime			1565	1605		
Injun			1605	1655		
Sand & Shale			1655	1745		
Pocono			1745	1885		
Sand & Shale (<u>Berea 2241-65'</u>)			1885	2490	Gas in Berea	2242-50'
Gordon			2490	2520		
Sand & Shale			2520	4186		
Riley			4303	4715		
Total Depth drilled				4812'		
Gelled & Cemented back to				2409'	Present Total depth	

2512
2520
2292
exp et
New pay in old Gordon fld.

NOV 18 1976

(over)

Consolidated Gas Supply Corporation
1415 West Main Street
Clarksburg, W. Va.

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 29 1976

OIL AND GAS DIVISION
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 26, 1976

Surface Owner M. J. Mason

Company Consolidated Gas Supply Corporation

Address On Farm

Address Clarksburg, W. Va.

Mineral Owner Consolidated Gas Supply Corp.

Farm Nathan Shepherd Acres 216

Address Clarksburg, W. Va.

Location (waters) Fish Creek

Coal Owner Same

Well No. 12141 Elevation 751'

Address _____

District Meade County Marshall

Coal Operator No Operations

Quadrangle Cameron

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 12-2-76.

INSPECTOR
TO BE NOTIFIED Wm. Blosser

ADDRESS: Colfax, W. Va.

PHONE Fairmont - 363-9105

Robert H. Rowland
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 9-20-98 19 by Nathan Shepherd made to Consol Gas Sply and recorded on the 14th day of March 1999, in Marshall County, Book 60 Page 119

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:

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) Robert H. Rowland Manager of Prod.
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

MARS-565 PERMIT NUMBER

47-051

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME _____
 ADDRESS _____ ADDRESS _____
 TELEPHONE _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS _____ 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.
XXXX 16	20'	20'	To surface
XXXXXXXX 11"	200'	200'	To surface
9 - 5/8			
8 - 5/8	1580'	1580'	85 Bags
7			
5 1/2			
4 1/2	3500'	3500'	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 700' _____
 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
OIL AND GAS WELLS DIVISION

RECEIVED
AUG 30 1984

AFFIDAVIT OF PLUGGING AND FILLING WELL OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

None
Coal Operator or Owner

Address

None
Coal Operator or Owner

Address

J. Mont Mason
Lease or Property Owner

R. D. 5, Box 122, Cameron, WV 26033
Address

Consolidated Gas Transmission Corp.
Name of Well Operator

445 W. Main St., Clarksburg, WV 26301
Complete Address

August 9 19 84
WELL AND LOCATION

Meade District

Marshall County

WELL NO. 12141

Nathan S hepherd Farm

Robert Lowther, Gen. Del., Middlebourne, WV 26149

STATE INSPECTOR SUPERVISING PLUGGING AFFIDAVIT

STATE OF WEST VIRGINIA, ss:
County of Marshall and Russel J. Poling
D. R. Morrison being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidated Gas Transmission Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 28 day of November, 19 83, and that the well was plugged and filled in the following manner:

Sand or Zone Record, Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
	Cement	2409-2150		
	Gel	2150-1691		
	Cement	1691-1591		
	Gel	1591-Surface	None	206
		11 3/4	None	1847
		8 5/8 Csg.	1695	728
		4 1/2 Csg.		
	Perf. 8 5/8" casing @ 503-510 squeezed w/30 sks. cement			
	Perf. 8 5/8" casing @ 410-416 squeezed w/30 sks. cement			
Coal Seams				
(Name) Coal 410-416				
(Name) Coal 503-510				
(Name)				
(Name)				

MAJ 9-4-84
Description of Monument
Installed 8" vented monumen w/proper data

and that the work of plugging and filling said well was completed on the 3 of Dec., 19 83.
And further deponents saith not.
Sworn to and subscribed before me this 23 day of August, 19 84
X D R Morrison
X Russel J Poling
Joseph D. Bradley
Notary Public

My commission expires:
September 13, 1986