



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
SEP 20 1977
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RE

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

DATE September 6, 1977

Surface Owner <u>Consolidated Gas Supply Corporation</u>	Company <u>Consolidated Gas Supply Corporation</u>
Address <u>Clarksburg, W. Va.</u>	Address <u>Clarksburg, W. Va.</u>
Mineral Owner <u>Same</u>	Farm <u>George T. Gale</u> Acres <u>225</u>
Address _____	Location (waters) <u>Bens Run/Ohio River</u>
Coal Owner <u>Same</u>	Well No. XXXX <u>12427</u> Elevation <u>816'</u>
Address _____	District <u>Union Tyler</u> County <u>Tyler</u>
Coal Operator <u>Same</u>	Quadrangle <u>BEN'S RUN</u>
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 1-21-78

INSPECTOR
TO BE NOTIFIED Phil Tracy
ADDRESS Middlebourne, WV
PHONE 758-4573

Robert H. Good
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 8-29-66 1966 by George Gale made to Consolidated Gas Supply and recorded on the 30th day of August 1966, in Tyler County, Book 173 Page 43

XX 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

Very truly yours,
(Sign Name) W. H. 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

12/22/2023

*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

TYL-486 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by W. H. Payne

47-095

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 Tony Snider _____ NAME R. E. Bayne _____
 ADDRESS Brohard, W.Va. _____ ADDRESS Bridgeport, W. Va. _____
 TELEPHONE - - - _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 3120' _____ ROTARY _____ CABLE TOOLS XXX _____
 PROPOSED GEOLOGICAL FORMATION: Shale _____
 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.
8 - 16"	20'	20'	To Surface
8 - 10"	200'	200	To Surface
9 - 5/8			
8 - 5/8	1500'	1500	125 bags
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60' FEET _____ SALT WATER Unknown 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



IV-9
(Rev 8-81)

DATE 03/23/83
WELL NO. 72427
API NO. 47 - Tyler - 0486
State: County: Frac.

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

L. Joseph Timms, Jr.
445 W. Main St.
Clarksburg, WV 26301

COMPANY NAME Consolidated Gas Supply Corp.
Address Box 448 Pine Grove WV. 26419
Telephone 304-889-3141

DESIGNATED AGENT Lee I. Haught
Address Box 448 Pine Grove WV 26419
Telephone 304-889-3141 623-8000

LANDOWNER Consolidated Gas Supply Corp.
Revegetation to be carried out by Lee I Haught

SOIL CONS. DISTRICT Upper Ohio
(Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: March 28, 1983

(Date)

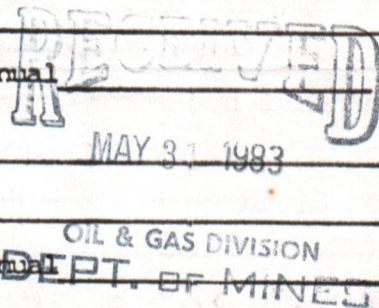
Dotty G. Hilke, Dist. Clerk
(SCD Agent)

ACCESS ROAD

LOCATION

Structure _____ (A)
Spacing _____
Page Ref. Manual _____
Structure Existing _____ (B)
Spacing _____
Page Ref. Manual _____
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (1)
Material _____
Page Ref. Manual _____
Structure _____ (2)
Material _____
Page Ref. Manual _____
Structure _____ (3)
Material _____
Page Ref. Manual _____



All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch 2 HAY or Straw Tons/acre
Seed* Ky 31. Fescue lbs/acre
Red. Clover lbs/acre
_____ lbs/acre

Lime _____ Tons/acre
or correct to pH _____
Fertilizer _____ lbs/acre
(10-20-20 or equivalent)
Mulch _____ Tons/acre
Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Lee Haught 12/22/2023

ADDRESS P.O. Box 448
Pine Grove WV 26419

PHONE NO. 304-889-3141

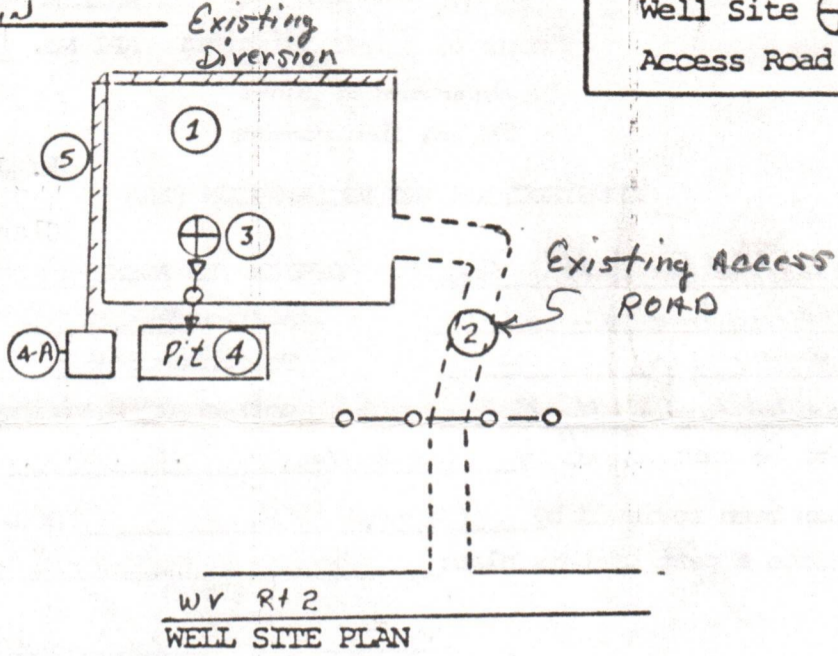
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Bens Run

LEGEND

Well Site ⊕

Access Road ———



Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ————	Diversion ————
Road = = = = =	Spring ○→
Existing fence —x—x—	Wet spot ☼
Planned fence —/—/—	Building ■
Stream ~~~~~	Drain pipe —○→○→
Open ditch —···→···→···→	Waterway ⇐≡≡≡≡

This is an EXISTING WELL. REWORK WILL CAUSE MINIMUM DISTURBANCE.

RECLAMATION PLAN

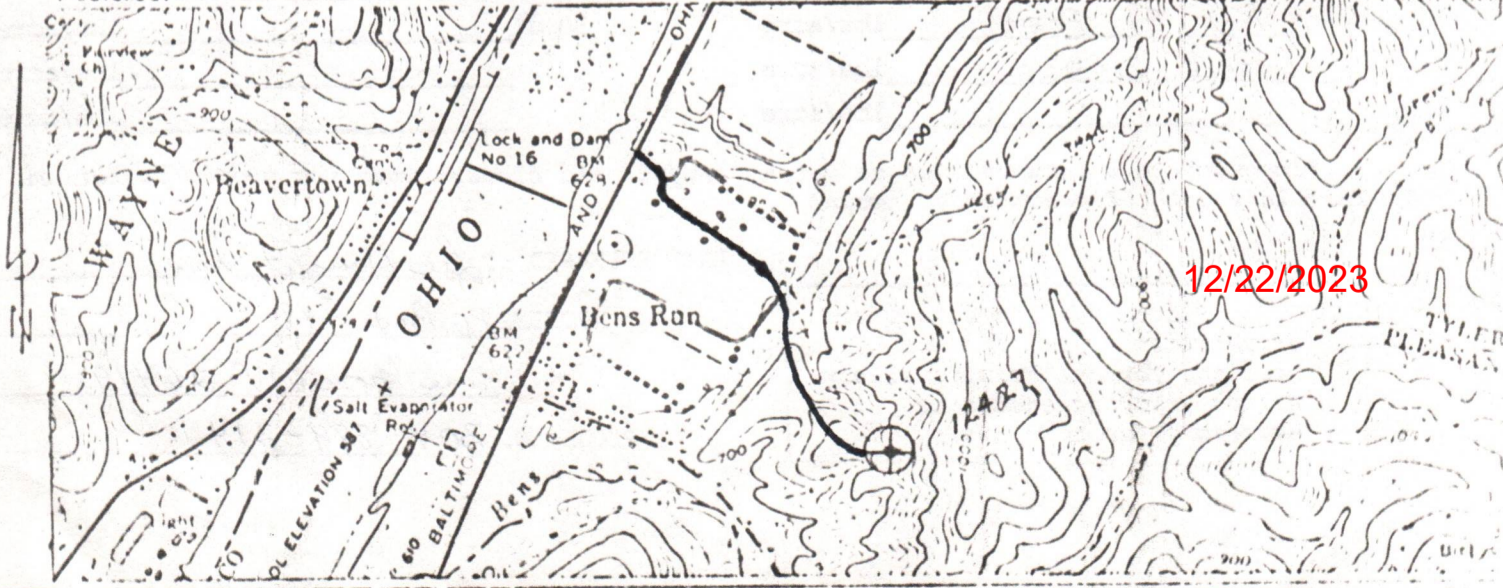
WELL NO. 12127

CONSOLIDATED GAS SUPPLY CORPORATION

FARM George T. Gale DISTRICT Union COUNTY Tyler

QUADRANGLE: Bens Run SCALE: 1"=2000'

Locate And Show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit And (5) Necessary Drainage Features.

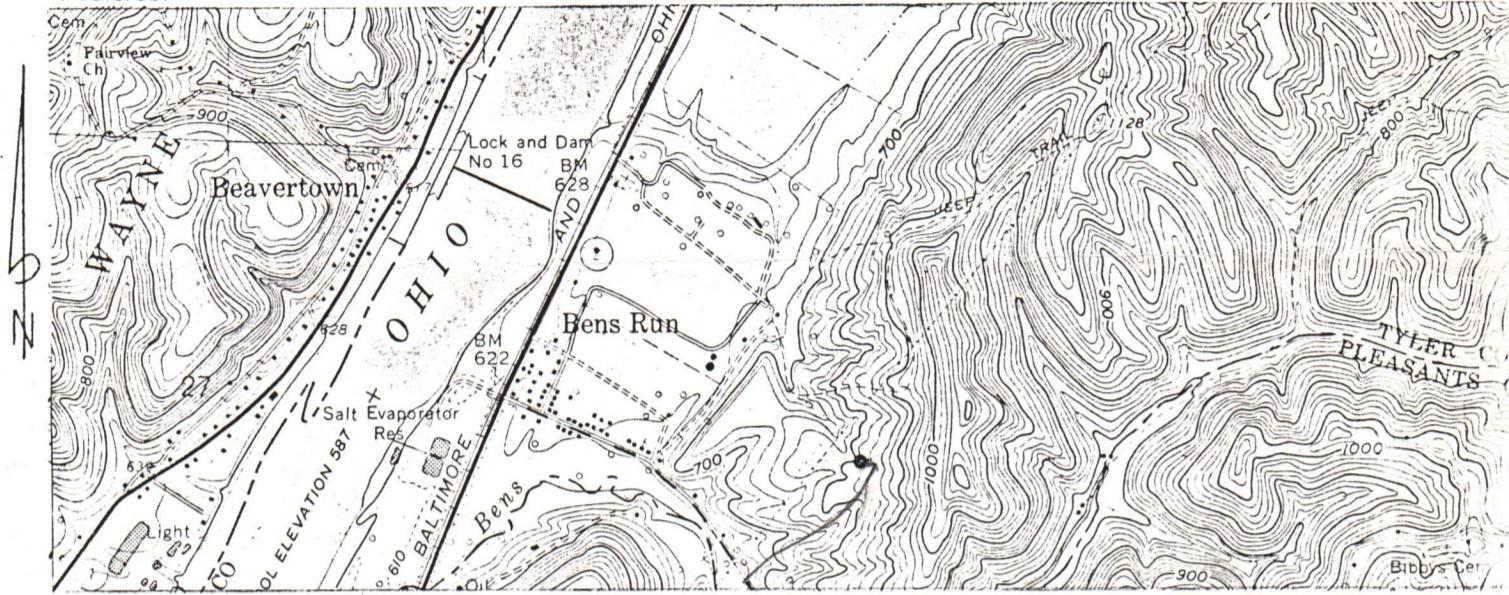


CONSOLIDATED GAS SUPPLY CORPORATION

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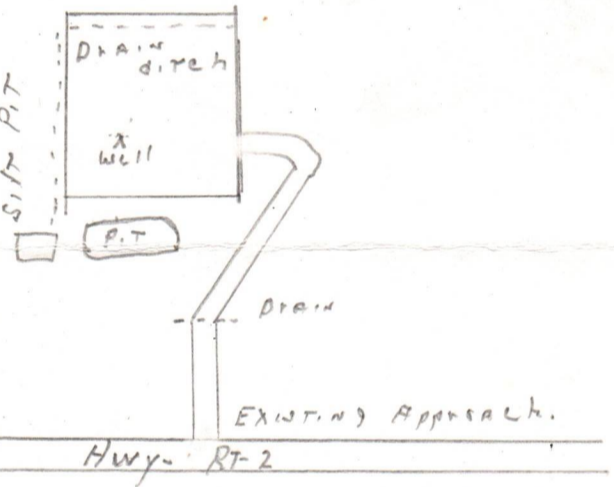
Locate And Show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit And (5) Necessary Drainage Features.



STATEMENT OF RECLAMATION PLAN:

NOT TO SCALE: SHOW SKETCH OF ALL DRAINAGE REQUIREMENTS FOR WELL LOCATION.

Entire Road will be on Co. owned Property. (App 4500' Fr. RT-2 TO WELL SITE) ROCK & DRAIN PIPE WILL BE INST.



Well site is in wooded area, & some what level area IT WILL BE NECESSARY TO CUT TIMBER, & DIG DRAIN DITCH ON LOCATION.

PIT will be App 50' x 50' x 8', CUT INTO SOLID GROUND & PIT LINER WILL BE USED.

Reclamation To This well will be cleaned up, Fertilized, Seeded & Mulched. Road way will be MAINTAINED.

RECEIVED

SEP 20 1977

OIL & GAS DIVISION DEPT. OF MINES

Inpl-486

12/22/2023

This Plan Was Observed And Agreed Upon Between The Well Operator, Contractor, And The District Oil And Gas Inspector, [Signature] District Inspector Was Present: Yes (✓) No ().

I Certify That All The Requirements Of Chapter 22, Article 4; Section 12b, Of The W.VA. Code Of 1931, As Amended Will Be Carried Out.

Submitted By Lee J. Hanger Title Dist. Insp. Date 9-9-77



1) Date: May 26, 19 83
 2) Operator's Well No. 12127
 3) API Well No. 47 095 0486 -FRAC
 State County Permit

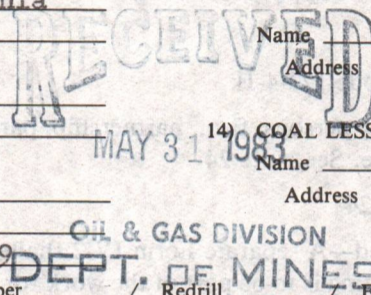
DRILLING CONTRACTOR:

S. W. Jack Drilling Co.
Indiana, Pa.

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 816' Watershed: Ben's Run/Ohio River
 District: Union County: Tyler Quadrangle: Ben's Run
- 6) WELL OPERATOR Consolidated Gas Supply Corp. 11) DESIGNATED AGENT L. Joseph Timms, Jr.
 Address 145 West Main Street Address 145 West Main Street
Clarksburg, West Virginia Clarksburg, West Virginia
- 7) OIL & GAS ROYALTY OWNER Consolidated Gas Supply Corp. 12) COAL OPERATOR None
 Address 145 West Main Street Address _____
Clarksburg, West Virginia
- 8) SURFACE OWNER Consolidated Gas Supply Corp. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 145 West Main Street Name None
Clarksburg, West Virginia Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert A. Lowther 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address General Delivery Name None
Middlebourne, WV 26149 Address _____
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
With Bridge Plug Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Pocono and Big Injun
- 17) Estimated depth of completed well, 1800 feet
- 18) Approximate water strata depths: Fresh, none feet; salt, _____ feet.
- 19) Approximate coal seam depths: 980-985 & 1072-1080 is coal being mined in the area? Yes / No /



20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16		34				60		Kinds
Fresh water	10						362		
Coal	8 5/8	K-55	24				1812		Sizes
Intermediate									
Production	4 1/2	K-55	10.5				3000		Depths set
Tubing									
Liners									Perforations: Top Bottom
									Unknown at this time.

- 21) EXTRACTION RIGHTS
 Check and provide one of the following: Consolidated Gas owns surface & mineral rights.
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS Consolidated Gas owns surface & mineral rights.
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Joseph S. Bradley
 My Commission Expires 9/13/86

Signed: J. E. Swinn
 Its: Manager of Production

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-095-0486-FRAC Date June 7 1983
12/22/2023

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires February 7, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>ok</u>	Plat: <u>[Signature]</u>	Casing	Fee
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Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

12/22/2023

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19_____

By _____

Its _____



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Ben's Run

Permit No. Ty1-486
47-095 **T**

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

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>445 West Main Street, Clarksburg, WV</u>				
Farm <u>George T. Gale</u> Acres <u>225</u>	Size			
Location (waters) <u>Ben's Run/ Ohio River</u>	20 16			
Well No. <u>12427</u> Elev. <u>816'</u>	Cond. <u>60'</u>	<u>60'</u>	<u>60'</u>	Surf. 15 sks
District <u>Union</u> County <u>Tyler</u>	10 10"	<u>362'</u>	<u>362'</u>	Surf. 150 sks
The surface of tract is owned in fee by <u>Consolidated Gas Supply Corporation</u>	9 5/8			
Address <u>Clarksburg, West Virginia</u>	8 5/8	<u>1842'</u>	<u>1842'</u>	Surf. 240 sks
Mineral rights are owned by <u>Same</u>	7			
Address _____	5 1/2			
Drilling Commenced <u>10-06-77</u>	4 1/2	<u>3000'</u>	<u>3000'</u>	275 sks
Drilling Completed <u>12-09-77</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2			
Final production <u>385 M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open <u>14 days</u> hrs. before test <u>680</u> RP.				

Well treatment details:

Attach copy of cementing record.

Fraced with 800 gal. acid. in the Shale.

Perforations: 2524-26, 2512-14, 2486-80, 2366-70, 2207-09.

Set plug and fraced Berea with 800 gal. acid and 45,000# sand.

Perforations: 2088.5 - 2093 with 15 holes.

Coal was encountered at 980 & 1072 Feet 60" & 96" Inches

Fresh water None Feet _____ Salt Water None Feet _____

Producing Sand Berea Depth See perforations

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock			0	46		
Clay			46	61		
Red Rock/Clay			61	90		
Clay			90	100		
Clay & Sand			100	118		
White Sand			118	137		
Clay			137	140		
Sand & Shale			140	160		
Red Rock			160	179		
Red Rock & Lime			179	223		
Clay			223	240		
Red Rock & Clay			240	260		
Red Rock & Slate			260	273		
Red Rock & Sand			273	325		
Clay			325	340		
Red Rock & Slate			340	370		
Sand & Slate			370	417		
Fire Clay & Red Rock			417	421		
Slate			421	436		
Lime			436	480		
Red Rock & Clay			480	567		
Red Rock & Slate			567	646		
Red Rock & Sand			646	865		
Red Rock & Slate			865	935		

12/22/2023

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil Gas or Water	Remarks
Sand			935	980		
Coal			980	985		
Lime			985	994		
Sand			994	1072		
Coal			1072	1080		
Slate & Lime			1080	1089		
Sand & Red Rock			1089	1115		
Lime			1115	1147		
Sand & Slate			1147	1376		
Slate			1376	1398		
Sand			1398	1486		
Lime			1486	1545		
Sand & Slate			1545	1861		
Slate & Lime			1861	1885		
Lime & Sand			1885	1920		
Slate			1920	2090		
Sand			2090	2103		
Sand & Lime Shells			2103	2122		
Slate			2122	2264		
Slate & Shells			2264	3200		
Original T.D.				3200		
Plugged back to present T.D.				2133		

Gamma Ray Log Tops

Big Lime	1473	1510
Big Injun	1510	1526
Pocono	1526	1725
Berea	2090	2094

12/22/2023

Date August 4 19 78

APPROVED Consolidated Gas Supply Corp. Owner

BY

J. E. Dayne
Edg



RECEIVED

IV-35
(Rev 8-81)

Date SEP 28 1983
September 27, 1983

State of West Virginia
Department of Mines
Oil and Gas Division

Operator's OIL & GAS DIVISION
Well No. 12421
DEPT. OF MINES
Farm George T. Gale
API No. 47 - 095 - 0486 FRAC

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 816 Watershed Bens Run/Ohio River
District: Union County Tyler Quadrangle Ben's Run

COMPANY Consolidated Gas Supply Corporation
ADDRESS 445 W. Main St., Clarksburg, WV 26301
DESIGNATED AGENT L. Joseph Timms, Jr.
ADDRESS 445 W Main St., Clarksburg, WV
SURFACE OWNER Consolidated Gas Supply Corp.
ADDRESS 445 W. Main St., Clarksburg, WV
MINERAL RIGHTS OWNER Consolidated Gas Supply Corp.
ADDRESS 445 W. Main St., Clarksburg, WV

OIL AND GAS INSPECTOR FOR THIS WORK Robert A. Lowther
ADDRESS Middlebourne, WV 26149

PERMIT ISSUED June 7, 1983

DRILLING COMMENCED July 27, 1983

DRILLING COMPLETED August 1, 1983

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size <u>20-16 Cond.</u>	<u>60'</u>	<u>60'</u>	<u>15 sks</u>
<u>18x10"</u>	<u>362'</u>	<u>362'</u>	<u>150 sks</u>
<u>9 5/8</u>			
<u>8 5/8</u>	<u>1842'</u>	<u>1842'</u>	<u>240 sks</u>
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>3000'</u>	<u>3000'</u>	<u>275 sks</u>
<u>3</u>			
<u>2</u>			
Liners used			

GEOLOGICAL TARGET FORMATION Pocono Depth 1526-1725 feet

Depth of completed well 1825 feet Rotary X / Cable Tools

Water strata depth: Fresh None feet; Salt None feet

Coal seam depths: 980 and 1072 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Pocono Pay zone depth See perms. feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 29.1 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 0 hours

Static rock pressure 310 psig (surface measurement) after 1 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

Tyler 0486 frac.

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Set Baker Solid Bridge Plug at 1825'
Perforated Pocono Sand 1582-90, 1664-74 and 1710-22 with 30 holes. Size - .34"
Fractured with 375 bbls. water, 90,000# sand, 1250 gal. MSR Acid 15%.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
<u>Gamma Ray Log Tops</u>					
Big Lime			1473	1510	
Big Injun			1510	1526	
Pocono			1526	1725	
Berea			2090	2094	

(Attach separate sheets as necessary)

Consolidated Gas Supply Corporation
Well Operator

By: J. E. Guinn Manager of Production 12/22/2023
Date: September 27, 1983

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

RECEIVED

OCT 21 1977

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Tyler 486

Oil or Gas Well _____
(KIND)

Company <u>CONSOLIDATED GAS</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHANKSburg W.Va.</u>	Size			
Farm <u>GEORGE T. GALE</u>	16			Kind of Packer _____
Well No. <u>12437</u>	18			
District <u>UNION</u> County <u>TYLER</u>	10	<u>362</u>	<u>362</u>	Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth <u>370</u>	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	<u>JOB WAS COMPLETED AT 12:30 PM.</u>			
Fresh water _____ feet _____ feet	CASING CEMENTED <u>10"</u> SIZE <u>362</u> No. FT <u>10/19/77</u> Date			
Salt water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>HALL, BURTON</u>			
	<u>155 SACKS. CEMENT</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names JOHN ROHRBOUGH

CONT. CHISLER

Remarks: CEMENT SURFACED

Oct 19 77
DATE

Phil Gray 12/22/2023
DISTRICT WELL INSPECTOR

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

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NOV 18 1977
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 486

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
<u>Consolidated Gas</u>	16			
Address <u>CLARKSBURG W.VA</u>	13			
Farm <u>GEORGE T. CALE</u>	10			Size of _____
Well No. <u>12427</u>	8 1/4			Depth set _____
District <u>UNION</u> County <u>TYLER</u>	6 5/8			
Drilling commenced _____	5 3/16			
Drilling completed _____ Total depth <u>1860</u>	3			Perf. top _____
Date shot _____ Depth of shot _____	2			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	Liners Used _____			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch				Perf. bottom _____
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names BERNARD JONES

Remarks: CHISLENS
GETTING READY TO RUN 8 5/8

Nov. 16, 77
DATE

Phil Gray
12/22/2023
DISTRICT WELL INSPECTOR

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

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NOV 18 1977

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. TYL 486

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>CONSOLIDATED GAS</u>	Size			
Address <u>CLARKSBURG W.VA.</u>	16			Kind of Packer _____
Farm <u>GEORGE T. GALE</u>	13			
Well No. <u>12427</u>	10			Size of _____
District <u>UNION</u> County <u>TYLER</u>	8 1/4	<u>1857</u>	<u>1857</u>	
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth <u>1860</u>	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>8 1/4</u> SIZE <u>1857</u> No. FT. <u>11/17/77</u> Date			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>HALL, BURTON</u>			
Fresh water _____ feet _____ feet	<u>245 SACKS CEMENT</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names BERNARD JONES

CHISLERS
Remarks:

Nov 17 77
DATE

Phil Tracy 12/22/2023
DISTRICT WELL INSPECTOR

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

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APR 13 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Lyl. 486

Oil or Gas Well _____
(KIND)

Company Consolidated Gas Supply
 Address Clarksburg, W.Va.
 Farm George J. Gale
 Well No. 13427
 District Union County Lyle
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Met with Iowa Gale. They are doing reclamation work on this location.

April 11, 78
DATE

D. J. Gray 512
DISTRICT WELL INSPECTOR

12/22/2023

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

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AUG 7 1978

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 74486

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Consolidated Gas Supply</u>	Size			
Address <u>Clarksburg W. Va.</u>	16			Kind of Packer _____
Farm <u>George J. Hill</u>	13			
Well No. <u>12427</u>	10			Size of _____
District <u>Union</u> County <u>Tyler</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Not with Lee Knight on sedimentary work

Aug 3, 1978
DATE

D. J. Day 572
DISTRICT WELL INSPECTOR

12/22/2023

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

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OCT 11 1983

INSPECTOR'S PLUGGING REPORT

Permit No. 095-486 P

OIL & GAS DIVISION
DEPT. OF MINES

COMPANY Consolidated Gas ADDRESS Clarksburg W. Va
FARM George T. Ball DISTRICT Union COUNTY P Tyler
Filling Material Used Cement & Pel

Liner			Location	Amount	Packer	Location
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE
<u>1725-1350</u>						<u>16" 60</u>
						<u>10" 362</u>
						<u>1842 1842</u>
					<u>1287</u>	<u>4 1/2 1719</u>

Drillers' Names Ross Morrison

Remarks: Bottom plug 30 SK Class A Cement
well Full of Frab sand from 1825-1725
well filled with Pel 1350 to surface
Casing shot off in middle of joint by McCullough

Oct 6 83 I hereby certify I visited the above well on this date.

Robert A. Lowther

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	16			
	13			
	10			Size of _____
	8 1/4			
	6 3/8			Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used			Perf. top _____
				Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: _____

DATE

12/22/2023
DISTRICT WELL INSPECTOR

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Well 12427
T.D. 1825'

Cement 1825 - 1350
Cut and remove 1300' of 4 1/2" casing
Gel 1350 - Surface

Install monument equipped with vent pipe.

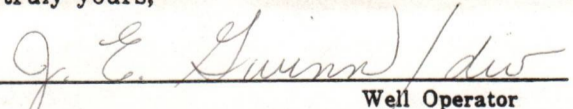
To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,


Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

30th day of Sept, 19-83

DEPARTMENT OF MINES
Oil and Gas Division

12/22/2023

By: 

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



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OCT 22 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Consolidated Gas Supply
445 West Main Street
Clarksburg, WV 26301

PERMIT NO 095-0486-Frac-P
FARM & WELL NO George T Cole 12427
DIST. & COUNTY Union Tyler

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	✓	
16.01	Required Permits at Wellsite	✓	
17.02	Method of Plugging	✓	
18.01	Materials used in Plugging	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
17.06	Statutory Affidavit	✓	
7.06	Parties Responsible	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R.A. Fowler
DATE oct 16, 1984

Your Affidavit of Plugging was received and reclamation requirements approved.
The well designated by the above permit number has been released under your bond.

T.H. r. B.B.
Administrator-Oil & Gas Division
January 16, 1985
DATE

1.0 API well number (If not available, leave blank. 14 digits.)	<u>47-095-486</u>				
2.0 Type of determination being sought. (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	_____ Category Code			
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet				
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	<u>Consolidated Gas Supply Corporation</u> Name		<u>004228</u> Seller Code		
	<u>445 West Main Street</u> Street				
	<u>Clarksburg</u> City	<u>W. Va.</u> State	<u>26301</u> Zip Code		
5.0 Location of this well. (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>W.Va. OTHER</u> Field Name		<u>AB3772</u>		
	<u>TYLER</u> County		<u>W.Va.</u> State		
(b) For OCS wells	_____ Area Name				
	_____ Block Number				
	Date of Lease				
	Mo	Day	Yr	_____ OCS Lease Number	
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>GEORGE T. GALE</u> <u>12427</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	_____				
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	<u>General System Purchasers</u> Name		_____ Buyer Code		
(b) Date of the contract	_____ Mo Day Yr				
(c) Estimated annual production	_____ MMcf				
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)	
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>2.573</u>	_____	_____	_____	
8.0 Person responsible for this application:	<u>J. W. Hendrickson</u> Name				
Agency Use Only	<u>V. P. Gas Supply</u> Title				
Date Received by Juris. Agency	<u>J. W. Hendrickson</u> Signature				
Date Received by FERC	<u>3-10-80</u> Date Application is Completed		<u>304-623-8000</u> Phone Number		

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MAR 17 1980

OIL & GAS DIVISION
DEPT. OF MINES

12/22/2023
FT 00306 2-2

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: DEC 1 1980

BUYER-SELLER CODE

WELL OPERATOR: Consolidated Gas Supply

004228

FIRST PURCHASER: General Gas Supply

N/A

OTHER: _____

W.Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

80/3/17 . 108 . 095 . 0486

Use Above File Number on all Communications

Relating To Determination of this Well

Qualifies J. Hendrickson

New Prod Cal. on 1-29-81 TS

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC-121 Items not completed - Line No. _____
- 2. IV -1 Agent J. W. Hendrickson
- 3. IV-2 Well Permit
- 4. IV.6 Well Plat
- 5. IV-35 Well Record Drilling Deepening
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production 14 ^{months}/_{years}
- 8. IV-40 90 day Production 91 Days off Line: _____
- 9. IV-48 Application for certification. Complete?
- 10-17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? AFFIDAVIT SIGNED?
- 18-28 Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1:4000Map _____ Well Tabulations _____
Gas Analyses _____

(5) Date commenced: 10-06-77 Date completed 12-09-77 Deepened _____

(5) Production Depth: 2090 - 2094

(5) Production Formation: Berea

(5) Final Open Flow: 385 m

(5) After Free. R.P. 680 - 14 days

(6) Other Gas Test: _____

(7) Avg. Daily Gas from Annual Production: $\frac{2043}{366} = 5.6$ MCF No Oil

(8) Avg. Daily Gas from 90-day ending w/1 - 120 days $\frac{330}{91} = 3.6$ MCF $\frac{309}{91} = 3.4$ MCF No Oil

(8) Line Pressure: N/A PSIG from Daily Rej _____

(5) Oil Production: _____ From Completion Report _____

10-17) Does lease inventory indicate enhanced recovery being done 12/22/2023

10-17) Is affidavit signed? Notarized? Yes

Does official well record with the Department confirm the submitted information? yes

Additional Information Does computer program confirm? _____

Is Determination Objected to? _____ By Whom? _____

Kulic

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

Date MAR 7 1980

Operator's Well No. 12427

API Well No. 47 - 095 - 486
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

MGPA Section 108

DESIGNATED AGENT J. W. Hendrickson

ADDRESS 445 West Main Street

Clarksburg, West Virginia 26301

WELL OPERATOR Cons. Gas Supply Corp. LOCATION: Elevation 816

ADDRESS 445 West Main Street Watershed BENS RUN

Clarksburg, W. Va. Dist. UNION County TYLER Quad. BENS RUN

GAS PURCHASER None; gas is de- Gas Purchase Contract No. N/A

ADDRESS livered into applicant's Meter Chart Code N/A

interstate pipeline system Date of Contract N/A

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

See attachment; compression, dehydration, or related equipment indicated on the attached inventory, and hydraulic fracturing, shooting, or similar completion processes indicated on the attached well records, are used in connection with recognized enhanced recovery techniques during production or completion.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

Applicant's oil and gas production records (which are largely computerized) constitute its primary and most reliable source of information relevant to a determination of eligibility. From these records Applicant derives information used by it in connection with royalty payments, tax payments, and general statistical uses, and records of these matters are also maintained. All of the above records are located at Applicant's offices at 445 West Main Street, Clarksburg, West Virginia.

12/22/2023

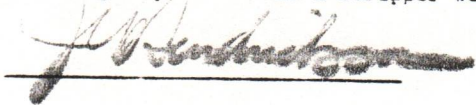
Describe the search made of any records listed above.

As indicated, Applicant's primary oil and gas production records have been largely computerized. In preparing this application, Applicant, by use of its computers, generated a listing of those of its wells which produced non-associated natural gas at a rate not exceeding an average of 60 Mcf per production day (at maximum efficient rates of flow) during the 90 day production period indicated on the attachment. These listings were checked and verified manually by two or more Applicant's employees. The results of this diligent search and examination indicated that the well which is the subject of this application qualifies as a stripper well; see attached data submitted in compliance with applicable regulations of this agency and the Federal Energy Regulatory Commission.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No . If yes, indicate the type and source of the information.

AFFIDAVIT

I, J. W. Hendrickson, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.



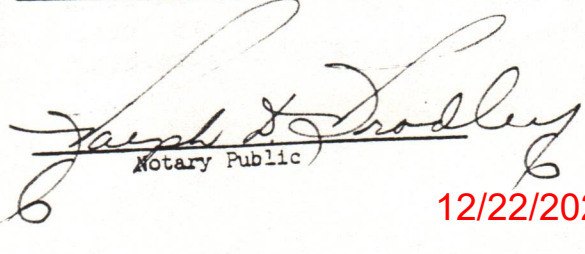
STATE OF WEST VIRGINIA,

COUNTY OF HARRISON, TO WIT:

I, Ralph D. Bradley, a Notary Public in and for the state and county aforesaid, do certify that J.W. Hendrickson, whose name is signed to the writing above, bearing date the 10th day of March, 1980, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 1st day of March, 1980.

My term of office expires on the 13th day of September, 1986.


Notary Public

12/22/2023

(NOTORIAL SEAL)

RECEIVED
APR 9 1980

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number (If not available, leave blank 14 digits.)	<u>47-095-486</u>			
2.0 Type of determination being sought. (Use the codes found on the front of this form.)	<u>102</u> Section of NGPA		<u>11</u> Category Code	
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)	<u>2526</u> feet			
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	<u>Consolidated Gas Supply Corporation</u> Name		<u>004228</u> Seller Code	
	<u>445 West Main Street</u> Street			
	<u>Clarksburg</u> City		<u>W. Va. 26301</u> State Zio Code	
5.0 Location of this well. (Complete (a) or (b) ! (a) For onshore wells (35 letters maximum for field name.)	<u>W. Va. OTHER</u> Field Name		<u>A85772</u>	
	<u>Tyler</u> County		<u>W. Va.</u> State	
(b) For OCS wells	Area Name		Block Number	
	Date of Lease		OCS Lease Number	
	Mo. Day Yr.			
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>GEORGE T. GALE</u>		<u>12927</u>	
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	<u>General System Purchasers</u> Name		<u></u> Buyer Code	
(b) Date of the contract	Mo. Day Yr.			
(c) Estimated annual production	<u>1.5</u> MMcf			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>2.404</u>	<u>---</u>	<u>---</u>	<u>---</u>
8.0 Person responsible for this application:	<u>J. W. Hendrickson</u> Name		<u>V. P. Gas Supply</u> Title	
Agency Use Only	<u>J. W. Hendrickson</u> Signature			
Date Received by Agency	<u>3-14-80</u> Date Application is Completed		<u>304-623-8000</u> Phone Number	
Date Received by FERC				

1212212023

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: NOV 5 1980

BUYER-SELLER CODE

WELL OPERATOR: Consolidated Gas Supply Corporation

004228

FIRST PURCHASER: General System Purchasers

OTHER:

W.Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

Cat 4

80/04/09 . 102 . 095 . 0486

Use Above File Number on all Communications

Relating To Determination of this Well

check to see computer list is
comparable to map.
Records show no marker wells
in Berea
Deferred gas analysis
Analyses J. W. Hendrickson

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC-121 Items not completed - Line No. _____
- 2. IV -1 Agent J. W. Hendrickson
- 3. IV-2 Well Permit _____
- 4. IV.6 Well Plat
- 5. IV-35 Well Record Drilling Deepening
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production _____ years
- 8. IV-40 90 day Production _____ Days off Line: _____
- 9. IV-48 Application for certification. Complete?
- 0-17 IV Form #51 - 52 - (53) - 54 - 55 - 56 - 57 - 58 Complete? AFFIDAVIT SIGNED?
- 3-28 Other: Survey _____ Logs _____ Geological Charts
- Structure Map 1:4000Map _____ Well Tabulations _____
Gas Analyses Cross Section
- (5) Date commenced: 10.6.1977 Date completed 12.09.1977 Deepened _____
- (5) Production Depth: 2524-26, 2512-14, 2486-80, 2366-70, 2207-09
- (5) Production Formation: Berea
- (5) Final Open Flow: 385m
- (5) After Frae. R.P. 680# -14days
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: No Production
- (8) Avg. Daily Gas from 90-day ending w71 - 120 days No Production
- (8) Line Pressure: _____ PSIG from Daily Report 12/22/2023
- (5) Oil Production: NO From Completion Report _____
- 17) Does lease inventory indicate enhanced recovery being done NO
- 17) Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional Information _____ Does computer program confirm? _____
- Determination Objected to? _____ By Whom? _____

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

DATE 3-14- 1980

Operator's Well No. 12427

API Well No. 47 - 095 - 486
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE RESERVOIR WELL
NGPA Section 102(c)(1)(C) Category 4

DESIGNATED AGENT J. W. Hendrickson
ADDRESS 445 West Main St., Clarksburg, WV

WELL OPERATOR Consolidated Gas Supply Corp LOCATION. Elevation 816
ADDRESS 445 West Main Street Watershed Beas Run
Clarksburg, West Virginia Dist. Union County Tyler Quad. Beas Run
GAS PURCHASER None; Gas is delivered Gas Purchase Contract No. N/A
ADDRESS into applicant's interstate Meter Chart Code N/A
pipeline system Date of Contract N/A
* * * * *

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

- Well plats of Consolidated's and other operators well locations.
- Department of Mines well records.
- Consolidated's production records.
- Drillers records.
- Mechanical logs.
- Farm Line and topographic maps showing well locations.

The above records are located at: Consolidated Gas Supply Corporation
445 W. Main Street
Clarksburg, W. Va. 26301

Describe the search made of any records listed above:

Maps showing the location of Consolidated and non-Consolidated wells based on well plats were examined. Production records were used to determine which Consolidated wells were producing prior to April 20, 1977. Drilling dates were checked on the non-Consolidated wells to determine which could have produced prior to April 20, 1977. The utilization of drillers records, mechanical logs, and the State's Department of Mines Records provided the basis for the determination of formations and rock pressures. If, prior to April 20, 1977, no wells were in existence in the area which could have been considered to be within the same pressure system of the well to be classified, the well was classified as a New Onshore Reservoir.

Are there any records not reasonably available to you which may contain information relevant to a determination of eligibility? Yes ___ No X. If yes, identify such records and indicate their location, if known:

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes ___ No X. If yes, indicate the type and source of the information.

- 1) Was natural gas produced from the reservoir in commercial quantities prior to April 20, 1977? Yes ___ No ✓.
- 2) Was the reservoir penetrated by an old well from which oil or gas was produced in commercial quantities from any other reservoir? Yes ___ No ✓.
- 3) If the answer to 2) is "yes", could natural gas have been produced in commercial quantities prior to April 20, 1977 from any old well so indicated? Yes ___ No ___.
- 4) If the gas is to be produced through an old well, were suitable production and gathering facilities available on April 20, 1977? Yes ___ No ___.
- 5) If the answer to 3) or 4) is "yes", attach a separate sheet explaining why you believe the well, for which a determination is sought, can be qualified as a new onshore reservoir well and include any information which would support your conclusion.

BOTTOM HOLE PRESSURE DATA

Indicate the bottom hole pressure of the well and explain how this was calculated.

$$P_s = P_1 e^{0.0000347GL}$$

$$P_s = 831 \text{ psia}$$

AFFIDAVIT

I, J. W. Hendrickson, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this determination is sought is a well producing from a new onshore reservoir.

J. W. Hendrickson

STATE OF WEST VIRGINIA,

COUNTY OF HARRISON, TO WIT:

I, Ralph D. Bradley, a Notary Public in and for the state and county aforesaid, do certify that J. W. Hendrickson whose name is signed to the writing above, bearing date the 17th day of March, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 18th day of March, 1985.

My term of office expires on the 13th day of September, 1986.

[NOTARIAL SEAL]

Ralph D. Bradley
Notary Public

12/22/2023

RECEIVED
JUN 24 1981

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-095-0486			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		T Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2526 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Consolidated Gas Supply Corporation Name 445 West Main Street Street Clarksburg City		WV State	004228 Seller Code 26301 Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Union Field Name Tyler County		WV State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	George T. Gale		12427	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	General System Purchasers Name Buyer Code			
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated annual production:	14.1 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2 4 6 0	---	---	---
9.0 Person responsible for this application:	J. W. Hendrickson Name V.P. Gas Supply Title Signature June 9, 1981 Date Application is Completed 304 623-8000 Phone Number			
Agency Use Only Date Received by Juris. Agency JUN 24 1981 Date Received by				

17705006/2 2

12/22/2023

CGSC Well No. 12427

API No. 47-095-0486

Date Calculated 7/22/81

Mean of Perf.

2524
53.34

x

Specific Gravity

.685
85 + 460
temp. ✓

= 1.72894
29,070.30 = .0591

2.71828 .05948 = 1.0513

1.0513 x 694.73 = 730.37 BHP
Rock Pres.
+14.73
↑

12/22/2023

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

Date JUN 9 1981 1981

Operator's Well No. 12427
API Well No. 47 - 095 - 0486
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT J. W. Hendrickson
ADDRESS 445 West Main Street
Clarksburg, WV 26301

WELL OPERATOR Consolidated Gas Supply Corp LOCATION: Elevation 816
ADDRESS 445 West Main Street Watershed _____
Clarksburg, WV 26301 Dist. Union County Tyler Quad. Ben's Run
GAS PURCHASER None: Gas is delivered Gas Purchase Contract No. Not applicable
into applicant's interstate Meter Chart Code Not applicable
pipeline system Date of Contract Not applicable

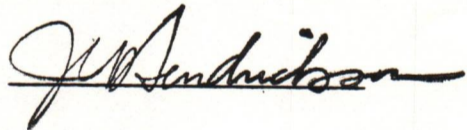
* * * * *

Date surface drilling was begun: October 6, 1977

Indicate the bottom hole pressure of the well and explain how this was calculated: Not available;
14-day SIWP _____ psig

AFFIDAVIT

I, J. W. Hendrickson, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.



T

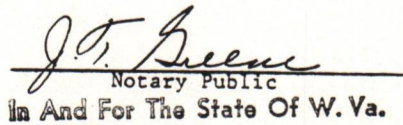
STATE OF WEST VIRGINIA,
COUNTY OF HARRISON, TO WIT:

I, J. T. Greene, a Notary Public in and for the state and county aforesaid, do certify that J. W. Hendrickson, whose name is signed to the writing above, bearing date the day of JUN 9 1981, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this day of JUN 9 1981, 1981.

My term of office expires on the 20th day of May, 1988.

[NOTARIAL SEAL]


Notary Public
In And For The State Of W. Va.

12/22/2023

PARTICIPANTS:

DATE: JUL 31 1987

BUYER-SELLER COD

WELL OPERATOR: Consolidated Gas Supply Corp.

004228

FIRST PURCHASER: General System Purchaser

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
81-06-24-103-095=0486
 Use Above File Number on all Communications
 Relating to Determination of this Well

~~Deferred for BP calculation~~
~~also check well on plat~~
Judges *J. W. Hendrickson*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 / Items not completed - Line No. 7.0 All, 8.0 b,c,d
- 2. IV-1 Agent J. W. Hendrickson
- 3. IV-2 Well Permit _____
- 4. IV-6 Well Plat /
- 5. IV-35 Well Record / Drilling / Deepening -
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production _____ years
- 8. IV-40 90 day Production _____ Days off line: _____
- 9. IV-48 Application for certification. Complete? /
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? / Affidavit Signed /
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: 10-6-77 Date completed 12-9-77 Deepened _____
- (5) Production Depth: 2088-93
- (5) Production Formation: Berea
- (5) Final Open Flow: 395 mcf
- (5) After Frac. R. P. 680# 14 days
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Repo _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed? / Notarized? /
- Does official well record with the Department confirm the submitted information? yes 12/22/2023
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____