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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, December 30, 2024  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC  
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for 3089  
47-051-00280-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: 3089  
Farm Name: YOHO, G. N.  
U.S. WELL NUMBER: 47-051-00280-00-00  
Vertical Plugging  
Date Issued: 12/30/2024

- 1) Date October 8, 2024
- 2) Operator's  
Well No. Victory B 3089
- 3) API Well No. 47-051 - 00280-00-00

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_\_ / Gas X / Liquid injection \_\_\_\_ / Waste disposal \_\_\_\_ /  
(If "Gas, Production \_\_\_\_ or Underground storage X ) Deep \_\_\_\_ / Shallow X

5) Location: Elevation 1334' Watershed Fish Creek  
District Liberty County Marshall Quadrangle Wileyville

6) Well Operator Columbia Gas Transmission, LLC 7) Designated Agent Brad Nelson, Storage Engineer  
Address 1700 MacCorkle Avenue S.E., P.O. Box 1273 Address 455 Racetrack Road  
Charleston, WV 25325 Washington, PA 15301

8) Oil and Gas Inspector to be notified Name Strader Gower  
Address 2525 West Alexander Road  
Valley Grove, WV 26060

9) Plugging Contractor Name Next LVL Energy, LLC  
Address 736 W. Ingomar Road, Unit 268  
Ingomar, PA 15127

10) Work Order: The work order for the manner of plugging this well is as follows: *For P&A*  
**Refer to enclosed:** *CK# 058786*  
1) Well job plan. *CK# 100.00*  
2) Prior to P&A wellbore schematic.  
3) Proposed P&A wellbore schematic.

REC'D  
OCT 20 2024  
DEC 05 2024  
WV DEPT OF ENVIRONMENTAL PROTECTION

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector *Strader Gower* Date 10/25/2024

## PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

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### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

<b>WELL JOB PLAN</b>		<b>STS Well Engineering &amp; Technology</b>		PAGE 3	DATE JOB PREPARED: 2/16/2024
Objective: Plug and Abandon Well				LAST PROFILE UPDATE:	
TITLE: Plug and Abandon Well		WELL: 3089		WORK TYPE: WR	
FIELD: Victory B				API: 47-051-00280	
STAT: WV	SHL (Lat/Long): 0 0				
TWP: Liberty	BHL (Lat/Long): 0 0	CNTY: Marshall			
<b>PROCEDURE</b>					
<p><i>Dual completion observation well: Big Injun = 2-3/8" tubing, Maxton = 2x5 annulus. Pressures as of 5/30/23: 2-3/8" tubing = 210 psig, 2x5 annulus = ??? psig.</i></p>					
<ol style="list-style-type: none"> <li>1 Obtain EM&amp;CP, pipeline crossing evaluation, call before you dig, etc. Prepare site specific SPCC.</li> <li>2 Notify landowner.</li> <li>3 Obtain General Work Permit and Wellsite Review &amp; Turnover Form from Operations.</li> <li>4 Notify Reservoir Engineering &amp; Geosciences (REG) of intent to take well out of service.</li> <li>5 Notify environmental inspector prior to beginning work.</li> <li>6 If required, notify State/Federal regulatory agencies prior to beginning work.</li> <li>7 <del>Disconnect well line.</del></li> <li>8 Install ECD's per EM&amp;CP. Prepare access road and well site.</li> <li>9 Service all wellhead valves.</li> <li>10 Document initial tubing and annular pressures.</li> <li>11 Install a second tubing valve above existing valve as back up.</li> <li>12 Install redundant annular valves on outboard side of existing valves as back up.</li> <li>13 MIRU slickline unit. Run sinker bar to TD to ensure tubing is open.</li> <li>14 Blowdown and bullhead pump and bleed kill tubing and annular with brine - consult with WET engineer on fluid density.</li> <li>15 Replace tubing plug valve with two full-bore valves.</li> <li>16 MIRU wireline unit. Run CCL-caliper to identify depth of packer - note that tailpipe below packer is 3-1/2" tbq.</li> <li>17 Perforate 2-3/8" tubing above packer with tubing punch so as NOT TO PERFORATE THRU 5-1/2" CSG. RDMO wireline.</li> <li>18 Circulate wellbore with kill weight fluid to remove entrapped gas.</li> <li>19 Monitor well pressures for a couple days to evaluate kill status.</li> <li>20 Remove tubing valves and install ~5' long pup jt with full opening safety valve (ie. TIW) on top.</li> <li>21 MIRU service rig.</li> <li>22 Circulate wellbore with kill weight fluid to remove stranded gas.</li> </ol> <p><b>* Due to wellhead configuration well control will not exist during next phase of procedure - obtain waiver from WET Team Leader/Manager. EXPEDITE TASKS TO MINIMIZE RISK. Circulate across top of 2x5 annulus during next Steps 22 - 24 to keep hole full until BOPs installed.</b></p> <p><i>** Per Jeff Wigman: The OD of the compression coupling sleeve used on the field fabricated head is 2.91" OD and appears the tubing travels through the coupling sleeve and is packed off with a rubber packoff below the "triangle plate" above the coupling sleeve.</i></p> <ol style="list-style-type: none"> <li>22 Remove compression coupling sleeve on top of field-fab swage.</li> <li>23 Unscrew wellhead tee from 5-1/2" collar, temporarily remove FO tubing valve, and strip wellhead tee off. Re-install FO tubing valve.</li> <li>24 Strip over and install short 5-1/2" 8rd STC pup joint, 7-1/16" 5K x 5-1/2" 8rd STC companion flange, 7-1/16" 5K double ram BOP (blind bottom &amp; 2-3/8" pipe top) with kill and choke outlets on bottom, and annular. Function and pressure test if possible - request pressure testing documentation from supplier in the event not able to pressure test after NU.</li> <li>25 Pull tubing, packer, and tailpipe. CAUTION: pull packer slow to prevent swabbing in kick.</li> <li>26 Obtain CBL from TD to surface - keep hole full of fluid. Consult with WET engineer prior to proceeding to determine if change in scope required based on CBL.</li> <li>27 RIH with cut-lip shoe on tubing and clean to hard bottom. NOTE - set maximum torque on power swivel to 1600 ft-lbs (max make-up torque for 2-3/8" EUE API 8rd tubing).</li> <li>28 Consult with State Inspector, and if approved, install balanced cement plug from TD to ~1800'. PU above cement top, clean workstring, pull 10 jts above cement top, close BOPs, and WOC minimum 6 hours.</li> <li>29 Tag cement. If cement top is deeper than 2000' install second balanced plug. TOOH.</li> <li>30 Install cast-iron DBP above cement plug. Perform 100 psig pressure test to confirm barrier integrity.</li> <li>31 RIH and install balanced plug(s) from top of DBP to 1200' (approx 100' below base of Pittsburgh Coal). WOC 4 hours and tag cement. If cement is deeper than 1500' install second cement plug. TOOH.</li> </ol>					
PREPARED BY: Jim Amos		REVIEWED BY:		APPROVED:	
PREP DATE: 2/16/2024					

DEC 25 2024

<b>WELL JOB PLAN</b>		<b>STS Well Engineering &amp; Technology</b>		PAGE 4	DATE JOB PREPARED: 2/16/2024
<b>Objective:</b> Plug and Abandon Well				LAST PROFILE UPDATE:	
<b>TITLE:</b> Plug and Abandon Well		<b>WELL:</b> 3089		<b>WORK TYPE:</b> WR	
<b>FIELD:</b> Victory B		<b>SHL (Lat/Long):</b> 0 0		<b>API:</b> 47-051-00280	
<b>STAT:</b> WV		<b>BHL (Lat/Long):</b> 0 0		<b>CNTY:</b> Marshall	
<b>DIST/TWP:</b> Liberty					

**PROCEDURE CONTINUED**

- 32 ND BOPs.
- 33 MIRU wireline unit. Spear 5-1/2" casing and perform wireline free-point.
- 34A If free-pt depth is deeper than Pittsburgh Coal then cut/pull all 5-1/2" csg that is free. Spear 8-5/8", perform wireline free-pt, and cut/pull all 8-5/8" csg that is free.
- 34B If free-pt depth is shallower than Pittsburgh Coal then proceed to Step 35.
  
- \*\* Verify depth of Pittsburgh Coal and correlate to rig floor.*
- 35 Perform cuts in 1 foot increments starting from 1 foot below base of Pittsburgh Coal to 1 foot above top of Pittsburgh Coal using multi-string cutter.
- 36A If 5-1/2" and 8-5/8" casings have already been cut/pulled, install cement plugs from top of last cement plug to 230' (depth of bottom of 10-3/4" csg).
- 36B If 5-1/2" and 8-5/8" casings have not been cut/pulled, install cement plug from top of last cement plug to depth of 5-1/2" free-pt. Cut/pull all 5-1/2" and 8-5/8" csg that is free. Install cement plugs from top of last cement plug to 230' (depth of bottom of 10-3/4" csg).
- 37 Perforate thru 10-3/4" csg (including any other smaller csg strings) at 200' with 4 SPF phased 90 degree. If perforating thru multiple strings of casing ensure perforating charge is adequate to penetrate all casings.
- 38 Attempt to circulate to surface thru perforations. If circulation establish squeeze cement to surface.
  
- \*Do no pull 13-3/8" casing - leave in the event future well intervention required.*
- 39 RIH and spot balanced cement plugs from top of last cement plug to surface.
- 40 Top off all annuli with cement.
- 41 Install casing monument with API number affixed.
- 42 Reclaim road and location.

Office of Oil and Gas  
 RECEIVED  
 DEC 05 2024  
 W. Em...

<b>PREPARED BY:</b> Jim Amos	<b>REVIEWED BY:</b>	<b>APPROVED:</b>
<b>PREP DATE:</b> 2/16/2024		

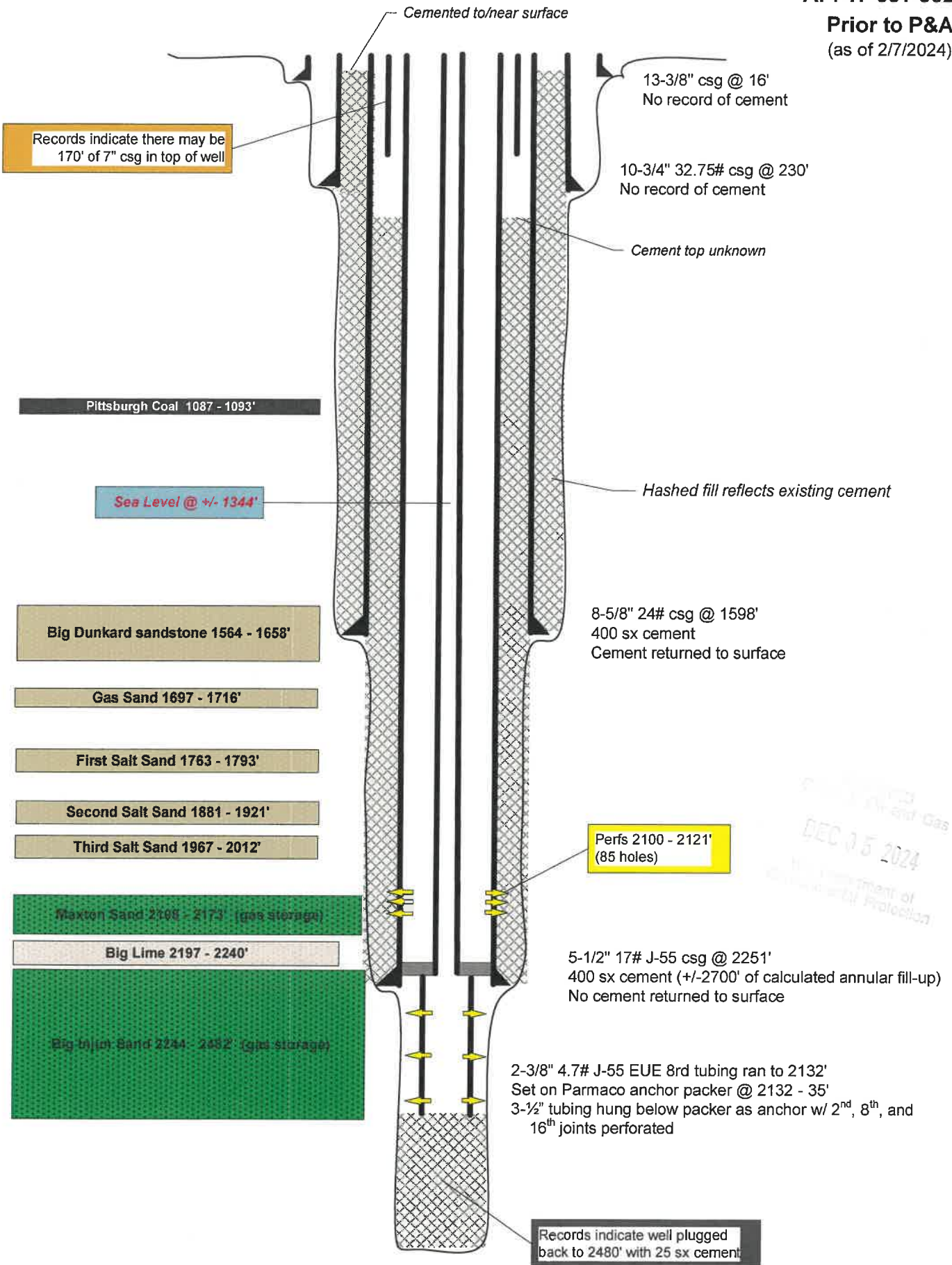
# Victory B 3089

API 47-051-00280

Prior to P&A

(as of 2/7/2024)

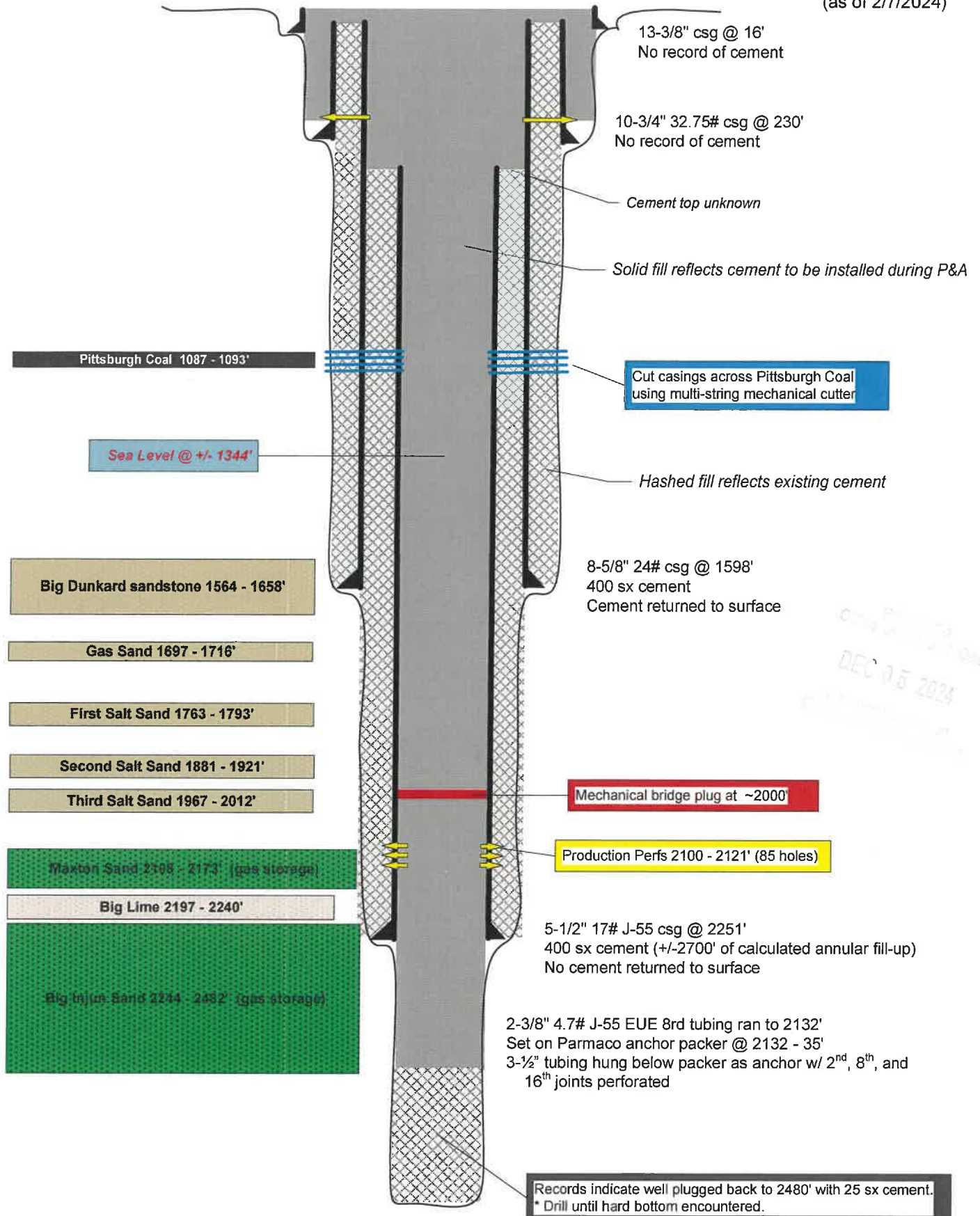
~ not to scale ~



DEC 05 2024  
 Department of Environmental Protection

~ not to scale ~

**Victory B 3089**  
**API 47-051-00280**  
**Proposed P&A**  
(as of 2/7/2024)



DEC 05 2024



Select County: (051) Marshall Select datatypes:  (Check All)

Enter Permit #: 00280

Location  Production  Plugging

Owner/Completion  Stratigraphy  Sample

Pay/Show/Water  Logs  Btm Hole Loc

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit-Numbering Series](#)
- [Usage Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 51 Permit = 00280 [Link to all digital records for well](#)

Report Time: Monday, December 09, 2024 10:18:18 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4705100280	Marshall	280	Liberty	Wileyville	Littleton	39.748195	-80.643027	530582.8	4399870.8

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4705100280	7/7/1958	Worked Over	Completed	George N Yoho	1	3089		26385		Manufacturers Light & Heat Co.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O
4705100280	7/7/1958	2/11/1957	1334	Ground Level	Kausoath	Big Injun (Price&eq)	Big Injun (Price&eq)	Miscellaneous Well	Unsuccessful	Storage	unknown	Nat/Open H	2251		0		0	0	0

There is no Pay data for this well

There is no Production Gas data for this well

There is no Production Oil data for this well \*\* some operators may have reported NGL under Oil

There is no Production NGL data for this well \*\* some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4705100280	Worked Over	Pittsburgh coal	Well Record	1090	Reasonable	6	Reasonable	1334	Ground Level
4705100280	Worked Over	Maxton	Well Record	2111	Reasonable	9	Reasonable	1334	Ground Level
4705100280	Worked Over	Big Lime	Well Record	2157	Reasonable	0	Qstnble Pick	1334	Ground Level
4705100280	Worked Over	Greenbrier Group	Well Record	2157	Reasonable	0	Qstnble Pick	1334	Ground Level

Wireline (E-Log) Information:

\* There is no Scanned/Raster Log data for this well

\* There is no Digitized/LAS Log data for this well

\* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

01/03/2025



4705100280P  
 P.M.C.  
 3089

FORM 100 CSD

The Manufacturers Light and Heat Company  
 Company

Division 4

Record of well No. 3089 on G. N. Yoho Farm 133 Acres

Cameron Field Liberty <sup>Marshall</sup> District County W Va. State  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Feb. 11 1957 Completed July 7 1958  
 Contractor J. H. Cornell Address Uniontown, Pa.  
 Driller's Name C. H. Romack and Oakey Toothman

CASING AND TUBING RECORD

	Conductor	13"	10"	8 1/4"	7"	6 5/8"	5 3/8"	4"	3"	2 3/8"
Used in Drilg.			232	1611			2264		348	2142
Left in well			232	1611			2264		348	2142

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		
2"x 5"x16"	2132 to 2135	Anchor							

VOLUME AND PRESSURE

Date	Reading in Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN.					24 Hour R. P.	Max. R. P.	Hours
						1	5	10	30	60			

TOTAL INITIAL OPEN FLOW No gas to test

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Schlumberger Well Survey				All pipe measured over threads.
Pittsburgh Coal	1090	1096	6	Run 232' of 10 3/4" Casing, SM. H40. 32# on a
Maxton Sand	2111	2120	9	steel shoe. Not cemented. Run 1611' of 8 5/8"
Big Lime	2157			Casing, SM. J55. 21# on a steel shoe. Cemented
Big Injun		2480		with 400 bags cement and 2 bags of Aquagel.
Total depth		2480		Good return of cement at the surface. Run 2264'
5 1/2" Shoe set at		2251		of 5 1/2" Casing, SM. J55. 17# on a steel shoe set
				at 2251'. Cemented with 400 bags, 15.2 lbs. per
				gallon. No cement return at the surface. Five
				5 1/2"x 8 5/8" casing centralizers were used. The
				5 1/2" casing was perforated at 2100' to 2121'
				with 85 shots by Schlumberger Well Surveying
				Corp'n. Well was tubed by running 348' of 3 1/2"
				Tubing, Used, V-thd. as anchor. Bottom joint
				was capped and the 2nd, 8th and 16th joints
				were perforated. A 3"x 2" swage nipple was used
				to install a 2"x 5" Anchor Packer set at 2132'
				to 2135'. On top of packer was run 2142' of
				2 3/8" Tubing, Ex. UP. SM. J. 4.70#. Bottom of
				hole was plugged back from 2725' to a final
				depth of 2480' with 25 bags of cement.
				5 Centralizers used and place as follows.
				No.1- 2013' - No.2 - 1816' - No.3 - 1538' -
				No.4 - 1222' - No. 5 - 869'
				Well makes water from Big Injun sand, unable
				to bail, filled up 1284'

Examined above information and measurements and found to be correct by

Examined and Approved by

J. H. Cornell

Contractor

Division Superintendent

NOTE - The above blank must be filled out carefully by the contractor, with a complete and accurate record of the well, and accompany, when presented for payment of the bill for drilling. All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or water was found, the quantity of same, the quality of the sand, and thickness of pay.

01/03/2025



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

4705190280P

Quadrangle Littleton  
Permit No. MARS-280

WELL RECORD

Oil or Gas Well GAS  
(KIND)

Company The Manufacturers Light & Heat Company  
Address 800 Union Trust Building, Pgh. 19, Pa.  
Farm George N. Yoho Acres 133  
Location (waters) \_\_\_\_\_  
Well No. 3089 Elev. 1334.4'  
District Liberty County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced February 11, 1957  
Drilling completed July 7, 1958  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/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			
12			Size of
10"	232'	232'	
8 1/2"	1611'	1611'	Depth set
6 3/4"			
5 8/16"	2264'	2264'	Perf. top
3"	348'	348'	Perf. bottom
2 3/8"	2142'	2142'	Perf. top
Liners Used			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Schlumberger Well Survey		6	1090	1096	All pipe measured over threads. Run 232' of 10 3/4" Casing, SM. H40. 32 on a steel shoe. Not cemented. Run 1611' of 8 5/8" Casing, SM. J55. 24# or a steel shoe. Cemented with 400 bags cement and 2 bags of Aquagel. Good return of cement at the surface. Run 2264' of 5 1/2" Casing, SM. J55. 17# on a steel shoe set at 2251'. Cemented with 400 bags, 15.2 lbs. per gallon. No cement return at the surface. Five 5 1/2 x 8 5/8" casing centralizers were used. The 5 1/2" casing was perforated at 2100' 2121' with 65 shots by Schlumberger We Surveyin Comp. Well was tubed by run 348' of 3 1/2" Tubing, Used, V-thd. as anchor. Bottom joint was capped and 1 2nd, 8th and 16th joints were perforat A 3" x 2" swage nipple was used to install a 2" x 5" Anchor Packer set at 2132' to 2135'. On top of packer was run 2142' of 2 3/8" Tubing, Ex. Up. SI J. 4.70#. Bottom of hole was plugged back from 2725 to a final depth of 24' with 25 bags of cement. 5 Centralizers used and placed as follows: NO. 1-2013' No. 2 - 1815' No. 3-15 No. 4-1222' No. 5 - 869'		
Pittsburgh Coal		9	2111	2120			
Maxton Sand			2157				
Big Lime				2480			
Big Injun				2480			
Total depth				2251			
1/2" Shoe set at							



(Over)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

3089

Quadrangle Littleton

WELL RECORD

Permit No. MARS-280

Oil or Gas Well GAS  
(KIND)

Company The Manufacturers Light & Heat Company  
Address 800 Union Trust Building, Pgh. 19, Pa.  
Farm George N. Yoho Acres 133  
Location (waters) \_\_\_\_\_  
Well No. 3089 Elev. 1334.4'  
District Liberty County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
10"	232'	232'	Size of
8 1/4"	1611'	1611'	Depth set
6"			
5 3/16"	2264'	2264'	Perf. top
3"	348'	348'	Perf. bottom
2 3/8"	2142'	2142'	Perf. top
Liners Used			Perf. bottom

Drilling commenced February 11, 1957  
Drilling completed July 7, 1958  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /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 CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Schlumberger Well Survey							All pipe measured over threads.
Pittsburgh Coal		6	1090	1096			Run 232' of 10 3/4" casing, SM. #40. 32# on a steel shoe. Not cemented.
Marion Sand		9	2111	2120			1611' of 8 5/8" casing, SM. J55. 24# on a steel shoe. Cemented with 400 bags cement and 2 bags of Aquagel. Good return of cement at the surface.
Big Lime			2157	2480			Run 2264' of 5 1/2" casing, SM. J55. 17# on a steel shoe set at 2251'. Cemented with 400 bags, 15.2 lbs. per gallon. No cement return at the surface.
Big Injun				2480			Five 5 1/2" x 8 5/8" casing centralizers were used. The 5 1/2" casing was perforated at 2100' & 2121' with 85 shots by Schlumberger Well Surveyin Corp. Well was tubed by running 348' of 3 1/2" tubing, used, V-thd. as anchor. Bottom joint was capped and the 2nd, 8th and 16th joints were perforated
Total depth				2480			A 3" x 2" swage nipple was used to install a 2" x 5" Anchor Packer set at 2132' to 2135'. On top of packer was run 2142' of 2 3/8" tubing, Ex. Up. SM. J. 4.70#. Bottom of hole was plugged back from 2725 to a final depth of 2480' with 25 bags of cement.
5 1/2" Shoe set at				2251			5 Centralizers used and placed as follows: No. 1-2013' No. 2 - 1816' No. 3-1538' No. 4-1222' No. 5 - 869'
							Well makes water from Big Injun sand, unable to ball, filled up 1264'

(Over)

4705100280P

The Manufacturers Light & Heat

Company **3089 P/B**

Division 248 Fourth Ave., Pittsburgh, Pa.  
 Record of Well No. **3089** on **Sanford E. Huggins** Farm **130** Acres  
**Cameron** Field **Liberty** District **Marshall** County **West Va.** State  
 Rig Commenced **March 16** 192 **6**, Completed **March 22**, 192 **6**.  
 Drilling Commenced **March 30** 192 **6**, Completed **June 10**, 192 **6**.  
 Cost per Foot **\$1.95** Contractor **L.L. Windom** Address **Cameron, West Va.**  
 Drillers' Names **G.A. Keffer, J.L. Poorman, L.V. Martin, J.N. Cramer.**

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Builder
						Wood		82	& Kuhn

CONDUCTOR AND CASING USED IN DRILLING

Conductor	12 inch	16 inch	24 inch	36 inch	48 inch	60 inch	72 inch	84 inch	96 inch
13" x 16"		223' 6"	1616	2341			2375' 9"		

CONDUCTOR AND CASING LEFT IN WELL

Conductor	12 inch	16 inch	24 inch	36 inch	48 inch	60 inch	72 inch	84 inch	96 inch
13" x 16"		None	None	170			None		

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tabling	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute Pressure	Rock Pressure
FORMATION			Top	Bottom	Thickness	REMARKS				
			0	720	725					
			720	784	61					
			1090	1090	0					2 1/2 Bailleurs of water per hour at 1096'
			1292	1310	18					
			1500	1520	20					
			1609	1670	61					
			2060	2125	65					Gas at 2113 to 2120, water at 2115
			2129	2209	80					
			2209	2252	43					
			2252	2483	231					Hole full of water at 2330
			3060	3077	17					
			3091	3104	13					
			3112	3155	23					
			3169	3180	11					Little Gas at 3178
				3542						

DRY HOLE

PLUGGING RECORD

Bridged 5 3/16" hole at 3137', filled up with stone to 3112', drove 8 3/16" wood plug at 3112', filled with stone to 3090', drove 5 3/16" wood plug at 3090', filled up with stone to 3060', drove 5 3/16" wood plug 3060, filled with stone to 3010'. Placed 6 5/8" wood plug on shoulder at 2330, filled with stone to 2340, drove 6 5/8" plug at 2340, filled with stone to 2285, drove 6 5/8" wood plug at 2285, filled with stone to 2000., Drove 8 1/4" wood plug, filled with stone to 2040, drove 8 1/4" wood plug at 1870, filled with stone to 1650', Drove 10" wood plug on shoulder at 1620, filled up with stone to 1590, then bridged the 15" hole at 80 feet, and then filled with stone to top of hole.

Signed J. L. Poorman  
J. R. Cramer

Driller  
 Tool Dresser

APPROVED  
**JOHN FOLEY**  
 GENERAL SUPERVISOR

Examined above information and measurements and found to be correct by L. L. Windom Contractor  
 Examined and approved by M. B. ... Superintendent of Co.  
 NOTE: The above work must be filled out carefully by the Contractor, with a complete and accurate record of the Well, and accompany, when presented for payment the bill for drilling.  
 All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.  
 Make no memoranda of boiler and engine if owned by contractor.

4705100280P

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

DEC 15 2024

Date July 24, 19 58

APPROVED THE MANUFACTURERS LIGHT AND HEAT CO. Owner

By \_\_\_\_\_ (Title)  
Assistant Land Agent

01/03/2025

THE MANUFACTURERS LIGHT & HEAT CO.

Company

3089

Division

Record of well No. 3089

on

Farm

Acres

Field

District  
Township

County

State

Rig Commenced

19

Completed

19

Drilling Commenced

19

Completed

19

Contractor

Address

Driller' Name

CASING AND TUBING RECORD

	Conductor	13"	10"	8 1/4"	7"	6 1/2"	5 1/2"	4"	3"
Used in Drig.									
Left in Well									

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		

VOLUME AND PRESSURE

Date	Reading in Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MN.					24 Hour K. F.	Mat. R. P.	Hours	
						1	5	10	30	60				

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Waynesburg Coal black soft	784	797	3	Slate & Shells dark
Lime & Slate dark medium	797	996	209	Salt Sand white hard
Mapletown coal black soft	996	1000	4	Slate & Shells white soft
Lime white hard	1000	1090	90	2nd Salt Sand white hard
Lime white hard	1096	1140	44	Slate & Shells dark soft
Slate dark soft	1140	1160	20	Slate dark soft
Lime white hard	1160	1187	27	Slate white soft
Red Rock red soft	1185	1200	15	Squaw white hard
Slate & Shells dark soft	1200	1235	35	Slate white soft
Red Rock red soft	1235	1265	30	Slate & Shells white
Slate & Shells dark medium	1265	1280	15	Herea white hard
Red Rock red soft	1280	1292	12	Slate & Shells white
Slate white soft	1310	1325	15	Lime white hard
Red Rock red soft	1325	1340	15	Sand Shells white
Slate & Shells dark soft	1340	1420	80	Pink Rock Pink hard
Red Rock red soft	1420	1435	15	Slate & Shells dark
Slate & Shells white	1435	1475	40	Lime Shells white
Red Rock red soft	1475	1490	15	Slate white soft
Slate dark soft	1490	1500	10	Slate & Shells white
Slate dark soft	1520	1530	10	Slate, Limew shells white
Lime white hard	1530	1545	15	Lime white hard
Slate dark soft	1545	1575	30	Sand shells white hard
Lime white hard	1575	1595	20	Sandy Lime white hard
Slate dark soft	1595	1609	14	Slate & Shells white
Slate dark soft	1670	1680	10	
Lime white hard	1680	1730	50	
Slate dark soft	1730	1740	10	
Gas Sand dark hard	1740	1765	25	

Examined above information and measurements and found to be correct by

Examined and Approved by

Contractor

Field Superintendent

NOTE--The above blank must be filled out carefully by the contractor, with a complete and accurate record of the well, and accompany, when presented for payment of the bill for drilling. All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.

4705100280

WELL RECORD

THE ALBERTSONS 1971 & 1981 CO.

WELL NO. 308'9

FARM BENTON E. HUGGINS

DISTRICT LIBERTY

COUNTY MARSHALL

STATE W. VA.

OWNED BY THE ALBERTSONS 1971 & 1981 CO.

DIVISION CAMERON

DATE JUNE 10 1926

ENTERED W. R. BOOK FOLIO 2789

INDEXED BY PCM/C

DEC 05 2024

01/03/2025

4705100280P

WELL RECORD

THE MANUFACTURERS LIGHT & HEAT CO.

CO.

Well No. 3089

Farm Sanford E. Hopkins

District Liberty

County Marshall

State West Virginia

Owned by THE MANUFACTURERS LIGHT & HEAT CO.

Division

Date June 10, 1926 194

Entered W. R. Book Folio

By

RECORDED  
INDEXED  
DEC 9 5 2024



WW-4A  
Revised 6-07

1) Date: 10/8/2024  
2) Operator's Well Number  
Victory B 3089

3) API Well No.: 47 - 051 - 00280-00-00

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator:</b>
(a) Name <u>Hoy Glenn Crow and Patricia Louise Crow</u>	Name <u>McElroy Coal Company</u>
Address <u>1738 Greenfield Ridge</u>	Address <u>1000 Consol Energy Drive</u>
<u>Cameron, WV 26033</u>	<u>Canonsburg, PA 15317</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consol Mining Company, LLC</u>
	Address <u>1000 Consol Energy Drive</u>
	<u>Canonsburg, PA 15317</u>
(c) Name _____	Name _____
Address _____	Address _____
<b>6) Inspector</b> <u>Strader Gower</u>	(c) Coal Lessee with Declaration
Address <u>2525 West Alexander Road</u>	Name <u>McElroy Coal Company</u>
<u>Valley Grove, WV 26060</u>	Address <u>1000 Consol Energy Drive</u>
Telephone <u>(304) 993-6188</u>	<u>Canonsburg, PA 15317</u>

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Columbia Gas Transmission, LLC  
 By: Brad Nelson  
 Its: Storage Engineer  
 Address 455 Racetrack Road  
Washington, PA 15301  
 Telephone 724-250-0610

Commonwealth of Pennsylvania - Notary Seal  
 Jennifer Lupi, Notary Public  
 Washington County  
 My commission expires October 23, 2027  
 Commission number 1282201

Subscribed and sworn before me this 22nd day of October 2024  
Jennifer Lupi Notary Public  
 My Commission Expires October 23, 2027

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

4705100280P

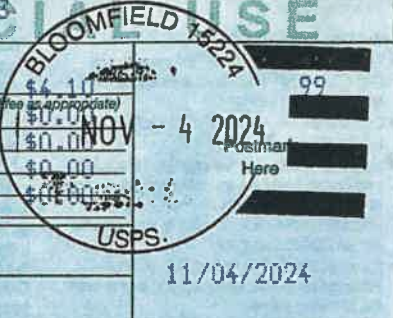
9589 0710 5270 0481 9773 79

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Cameron WV 26073  
**OFFICIAL USE**  
BLOOMFIELD 15224

Certified Mail Fee	\$4.85	
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$2.87	
Total Postage and Fees	\$11.82	



Sent To Hoy Glenn Crow and Patricia Louise Crow  
 Street and Apt. No., or PO Box No. 1738 Greenfield Ridge  
 City, State, ZIP+4® Cameron, WV 26033

PS Form 3800, January 2023 PSN 7530-02-000-2047 See Reverse for Instructions

## Certified Mail service provides the following benefits:

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- Important Reminders:**
- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
  - Certified Mail service is not available for international mail.
  - Insurance coverage is not available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
  - For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
    - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, Domestic Return Receipt; attach PS Form 3811 to your mailpiece;
    - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
    - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
    - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- IMPORTANT: Save this receipt for your records.**

PS Form 3800, January 2023 (Reverse) PSN 7530-02-000-6047

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY																
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul> <p>1. Article Addressed to: <u>Hoy Glenn Crow and Patricia Louise Crow</u> <u>1738 Greenfield Ridge</u> <u>Cameron, WV 26033</u></p> <p>9590 9402 8293 3094 2850 65</p>	<p>A. Signature <u>Patricia Louise Crow</u> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below: _____</p> <p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™ Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Mail Restricted Delivery</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™ Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Restricted Delivery	<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Mail Restricted Delivery	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®																
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<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™ Restricted Delivery																
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Restricted Delivery																
<input type="checkbox"/> Insured Mail																	
<input type="checkbox"/> Mail Restricted Delivery																	
2. Article Number (Transfer from service label) 9589 0710 5270 0481 9773 79																	

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

USPS TRACKING #  
PA 150  
NOV 2024 PM 1 L

9590 9402 8293 3094 2850 65

United States Postal Service

First-Class Mail Postage & Fees Paid USPS Permit No. G-10

\* Sender: Please print your name, address, and ZIP+4® in this box \*

Brad Nelson  
216 Cedarville Street  
Apt. 2  
Pittsburgh, PA 15224

1-191716

01/03/2025

4705100280

Columbia Gas Transmission, LLC  
1700 MacCorkle Ave., SE, Charleston, WV, USA 25325



October 30, 2024

Hoy Glenn Crow and Patricia Louise Crow  
1738 Greenfield Ridge  
Cameron, WV 26033

DEC 15 2024

TC Energy (Columbia Gas Transmission, LLC) is applying for a permit to the WV Department of Environmental Protection – Office of Oil and Gas, to plug and abandon an existing underground natural gas storage well located on property owned by you. As reference, the field and well ID is Victory B 3089 (API # 47-051-00280-00-00).

As part of the well permitting process, TC Energy (Columbia), the well operator, is required to provide a copy of all applicable permit application forms for your review and record retention.

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink that reads "Brad Nelson".

Brad Nelson  
Storage Engineer  
TC Energy (Columbia Gas Transmission, LLC)  
brad\_nelson@tcenergy.com  
off: 724-223-2753  
cell: 724-250-0610

4705100280P

9589 0710 5270 0481 9773 86

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**CERTIFIED MAIL® RECEIPT**  
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For delivery information, visit our website at [www.usps.com](http://www.usps.com)

Canonsburg, PA 15317

**OFFICIAL USE**

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fees as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$17.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.87
<b>Total Postage and Fees</b>	<b>\$11.82</b>

Postmark: NOV - 4 2024  
 11/04/2024  
 ROOMFIELD 15224 0024 99

Sent To  
 McElroy Coal Company's Consol Mining Company, LLC  
 Street and Apt. No., or PO Box No.  
 1000 Consol Energy Drive  
 City, State, ZIP+4®  
 Canonsburg, PA 15317

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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  - A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.
- Important Reminders:**
- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
  - Certified Mail service is *not* available for international mail.
  - Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
  - For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
    - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, *Domestic Return Receipt*; attach PS Form 3811 to your mailpiece;
    - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
    - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
    - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- IMPORTANT: Save this receipt for your records.**

PS Form 3800, January 2023 (Reverse) PSN 7530-02-000-9047

Office of the Inspector General  
 DEC 05 2024  
 Year of Emphasis

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>C. Date of Delivery 11/28/24</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No        If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>McElroy Coal Company          Consol Mining Company, LLC          Canonsburg, PA 15317</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 0481 9773 86</p>	<p>USPS TRACKING #</p> <p>9590 9402 6648 1060 3613 95</p> <p>United States Postal Service</p> <p>First-Class Mail Postage &amp; Fees Paid USPS Permit No. G-10</p> <p>Brad Nelson          216 Cederville Street          Apt. 2          Pittsburgh, PA 15224</p>

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

01/03/2025

Columbia Gas Transmission, LLC  
1700 MacCorkle Ave., SE, Charleston, WV, USA, 25325



October 30, 2024

Consol Mining Company, LLC  
McElroy Coal Company  
1000 Consol Energy Drive  
Canonsburg, PA 15317

TC Energy (Columbia Gas Transmission, LLC), an underground natural gas storage operator, is planning to abandon the following storage well in Marshall County, WV. Records indicate that Consol Mining Company, LLC is coal owner and McElroy Coal Company is coal operator / lessee on subject property.

- Victory B 3089 (API # 47-051-00280-00-00) – Plug and Abandon

To comply with WV DEP Code, TC Energy (Columbia) is required to provide the coal parties the following documents as notification and for processing.

- WV DEP form WW-4A (Notice of Application to Plug and Abandon a Well)
- WV DEP form WW-4B (Application for a Permit to Plug and Abandon)
- WV DEP form WW-7 (Well Location Form)
- WV DEP form WW-9 (Fluids/Cuttings Disposal & Reclamation Plan)

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink that reads "Brad Nelson".

Brad Nelson  
Storage Engineer  
TC Energy (Columbia Gas Transmission, LLC)  
brad\_nelson@tcenergy.com  
off: 724-223-2753  
cell: 724-250-0610

4705100280P

WW-9  
(5/16)

API Number 47 - 051 - 00280-00-00  
Operator's Well No. \_\_\_\_\_

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Columbia Gas Transmission, LLC OP Code 307032

Watershed (HUC 10) Fish Creek Quadrangle Wileyville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: Fresh water, cement returns, bentonite gel, NaCl salt

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number 34-119-28776, 34-167-23862 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Appalachian Water Services, Station W1 Ronco WTP, Mason/town, PA - Permit 2608201, Reserve Environmental Services (RES), Mud Masters)

Will closed loop system be used? If so, describe: No

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Subsolls

-Landfill or offsite name/permit number? \_\_\_\_\_

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Brad Nelson

Company Official (Typed Name) Brad Nelson

Company Official Title Storage Engineer

Subscribed and sworn before me this 22nd day of October, 2024

Jennifer Lupi Notary Public

My commission expires October 23, 2027

Commonwealth of Pennsylvania - Notary Seal  
Jennifer Lupi, Notary Public  
Washington County  
My commission expires October 23, 2027  
Commission number 1262201

Operator's Well No. \_\_\_\_\_

Proposed Revegetation Treatment: Acres Disturbed <1.0 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 10-10-10

Fertilizer amount 600 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Rye	40	Orchard Grass and/or Tall Fescue	29
		Birdsfoot trefoil (empire)	9
		Annual Rye	12

For wetland areas: Annual Rye (40 lbs/acre) until indigenous plants re-establish cover.

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Strader Gower

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Oil & Gas  
DEC 05 2024

Title: Oil & Gas Inspector

Date: 10/25/2024

Field Reviewed? (  ) Yes (  ) No

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
GROUNDWATER PROTECTION PLAN**

Operator Name: Columbia Gas Transmission, LLC  
Watershed (HUC 10): Fish Creek Quad: Wileyville  
Farm Name: \_\_\_\_\_

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

No fertilizer will be stored on site. Small quantities of fuel, oil, and lubricants will be stored on site, but located within secondary containment.  
Accidental release from well fluids and spills from construction equipment are the only sources of contaminate to groundwater.  
All accumulated fluids to be hauled off site to UIC disposal facility.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

All construction equipment will be inspected daily for leaks. Spill kits will be on site.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

The closest water body is an unnamed tributary to Laurel Run, approximately 1800 feet to the E / SE.  
The nearest Wellhead Protection area is 7.3 mi. to the E / SE (WV3305202 - Hundred Littleton PSD).

4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

5. Discuss any existing groundwater quality data for your facility or an adjacent property.



N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

During routine tailgate meetings groundwater protection will be a topic of discussion.

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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

No fertilizer will be stored on site. Small quantities of fuel, oil, and lubrications will be stored on site, but located within secondary containment. Construction equipment will be inspected daily for leaks or spill.





Signature: Strader Gower

Date: 10/25/2024



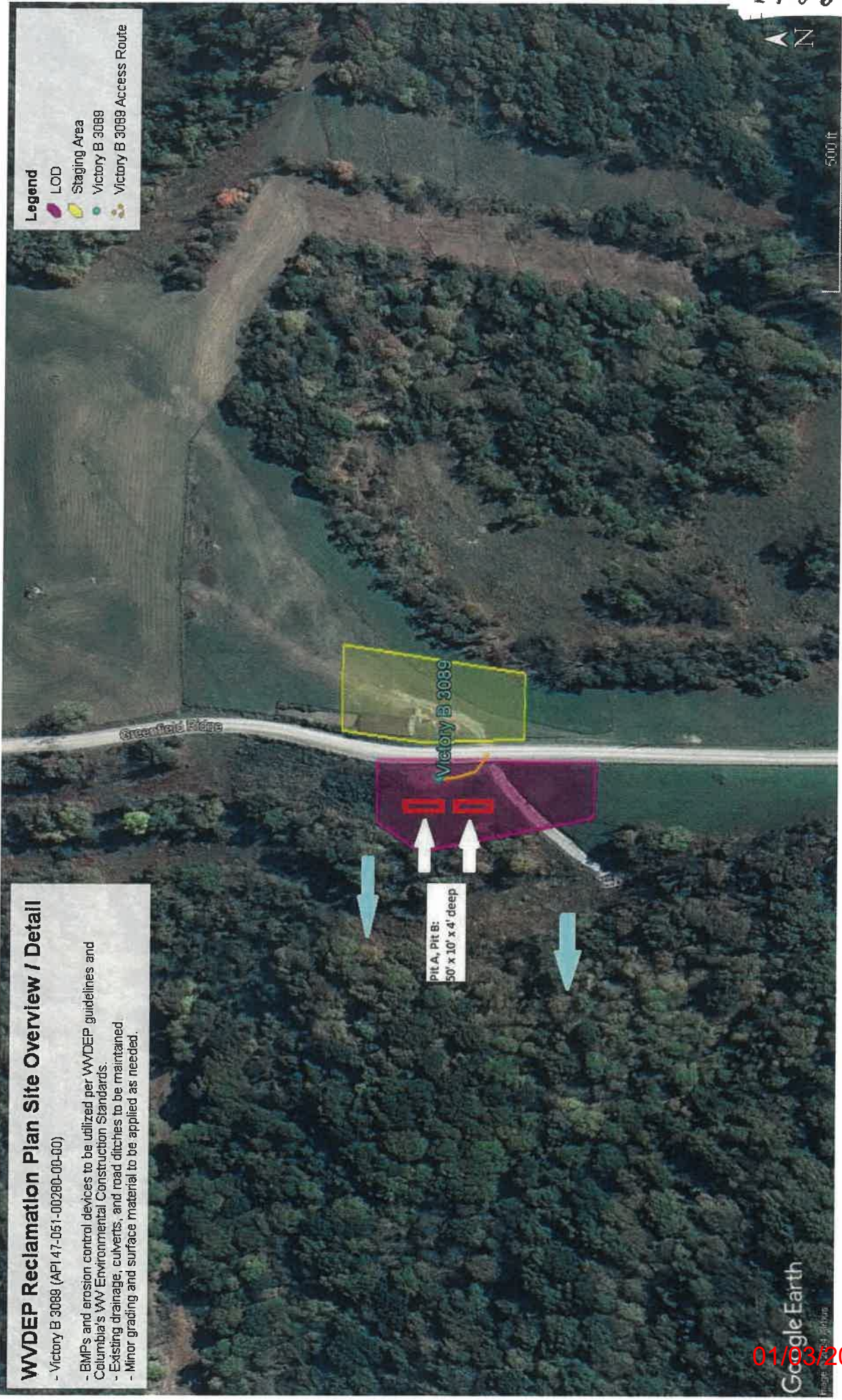
500 ft

**Legend**

-  LOD
-  Staging Area
-  Victory B 3089
-  Victory B 3089 Access Route

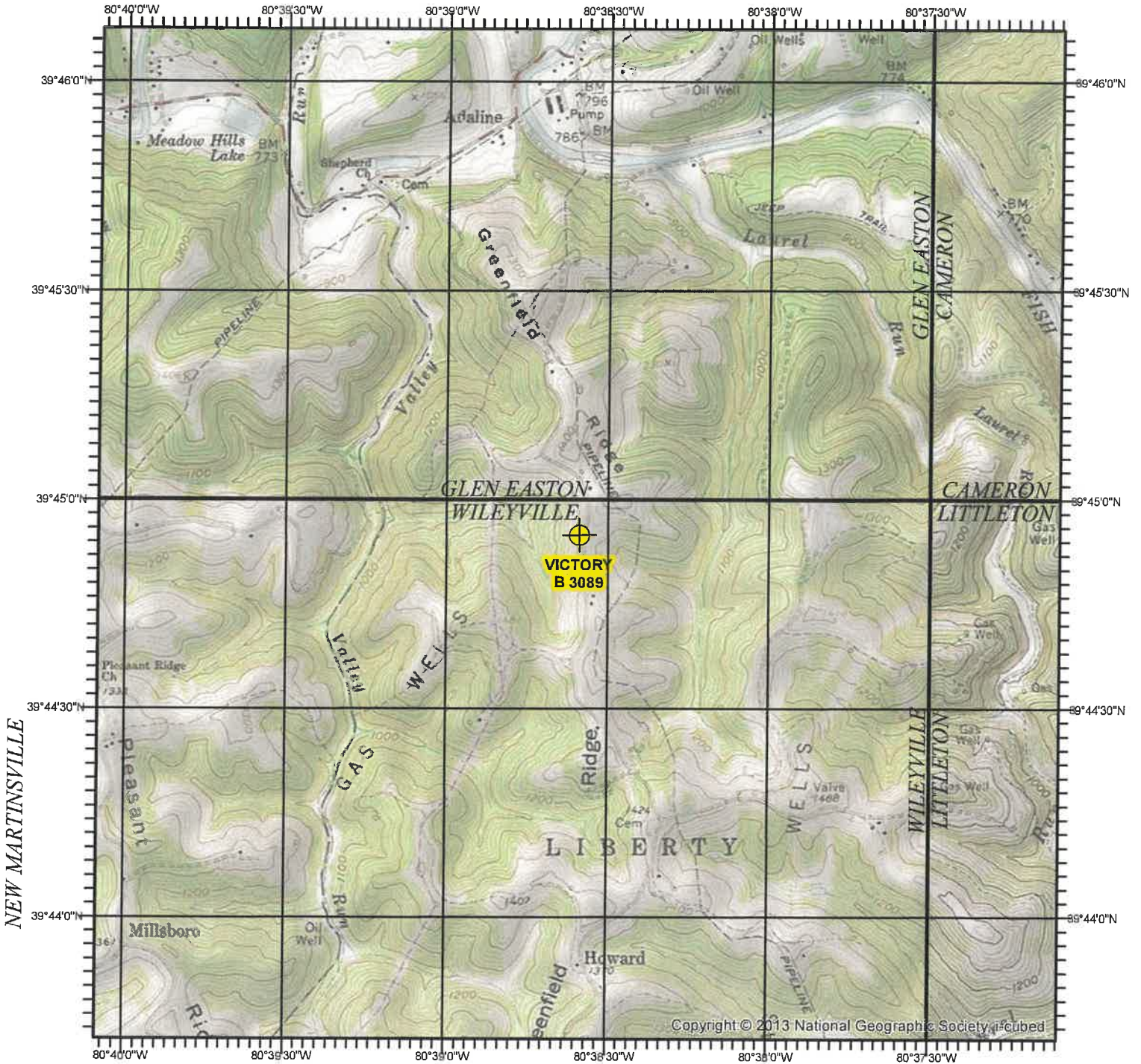
**WVDEP Reclamation Plan Site Overview / Detail**

- Victory B 3089 (API 47-051-00280-00-00)
- BMPs and erosion control devices to be utilized per WVDEP guidelines and Columbia's WV Environmental Construction Standards.
- Existing drainage, culverts, and road ditches to be maintained
- Minor grading and surface material to be applied as needed.



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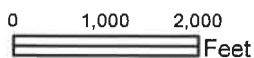
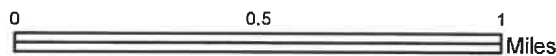
NEW MARTINSVILLE

PORTERS FALLS

PINE GROVE

BIG RUN

**VICTORY B 3089**  
**MARSHALL COUNTY, WV**



USGS TOPOGRAPHIC QUADRANGLE  
WILEYVILLE & GLEN EASTON, WV - 1976

SCALE 1:24,000

North American 1983 Datum (NAD83)

01/03/2025

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-051-00280-00-00 WELL NO.: Victory B 3089

FARM NAME: YOHO, G. N.

RESPONSIBLE PARTY NAME: ~~Brad Nelson~~ COLUMBIA GAS TRANSMISSION, LLC

COUNTY: Marshall DISTRICT: Liberty

QUADRANGLE: Wileyville

SURFACE OWNER: Hoy Glenn Crow and Patricia Louise Crow

ROYALTY OWNER: Imogene F. Koloski, Shelly Ostrander, Kelly Quigley, Jeremy Scott Bowen, Gary Lance Yoho, et al.

UTM GPS NORTHING: 4,399,917.268

UTM GPS EASTING: 530,571.450 GPS ELEVATION: 1,342'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS x: Post Processed Differential X

Real-Time Differential \_\_\_\_\_

Mapping Grade GPS \_\_\_\_\_: Post Processed Differential \_\_\_\_\_

Real-Time Differential \_\_\_\_\_

- Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Digitally signed by Brad Nelson  
Date: 2024.10.21 13:20:35  
-04'00'

Storage Engineer

10/21/2024

Signature

Title

Date

