



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, May 25, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC
1700 MACCORKLE AVENUE SE

CHARLESTON, WV 25314

Re: Permit approval for Coco B 7076
47-039-01293-00-00

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: Coco B 7076
Farm Name: GREGG, S. A.
U.S. WELL NUMBER: 47-039-01293-00-00
Vertical Plugging
Date Issued: 5/25/2023

Promoting a healthy environment.

06/02/2023

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.

CONDITIONS

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.

06/02/2023

4703901293P

WW-4B
Rev. 2/01

1) Date 04.03, 2023
2) Operator's
Well No. Coco B 7076
3) API Well No. 47-039 - 01293

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 X / Shallow ___

5) Location: Elevation 806 Watershed Pinch Creek
District Elk County Kanawha Quadrangle Blue Creek, WV

6) Well Operator Columbia Gas Transmission LLC 7) Designated Agent Maria Medvedeva
Address 1700 MacCorklle SE Address 1700 MacCorklle SE
Charleston, WV 25314 Charleston, WV 25314

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Terry Urban Name Next Lvl Energy, LLC
Address P.O. Box 1207 Address 736 W Ingomar Rd, Units 268
Clendenin, WV 25045 Ingomar, PA 15127-6613

10) Work Order: The work order for the manner of plugging this well is as follows:

Refer to enclosed:

- 1) Well job plan.
- 2) Prior to P&A wellbore schematic.
- 3) Proposed P&A wellbore schematic.

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

Work order approved by inspector  Date 4-5-23

06/02/2023

WELL JOB PLAN		STS Well Engineering & Technology		PAGE 1	DATE JOB PREPARED: 6/30/2022			
Objective: Plug and Abandon				LAST PROFILE UPDATE:				
TITLE: Plug and Abandon				WORK TYPE: MOD				
FIELD: Coco B		WELL ID: 7076		LEASE #: 49470				
STATE: WV		SHL (Lat/ Long) 38.417139		-81.469918		API: 47-039-01293-0000		
DIST/TWP: Elk		BHL (Lat/Long): 38.417139		-81.469918		CNTY: Kanawha		
EXISTING TUBULAR CONFIGURATION		OD (inches)	WEIGHT (PPF)	GRADE	THREAD	DEPTH (ft)		
						TOP	BOTTOM	
Conductor		16				0	39	
Surface		10 3/4				0	1615	
Intermediate		8 5/8				0	2025	
Intermediate		7	22.0	J-55		0	5044	
Production		4 1/2	11.6	J-55		0	5145	
Halliburton full-flow pkr shoe						5145	5150	
Perforations								
Perforations								
Wellhead		API 5k Wellhead, 4-1/2" flowstring x 7" support string, 4-1/2" API 8rd conn.						
D.H. EQUIPMENT		TYPE		DEPTH (ft)				
PACKER INFO:		Upper						
		Lower						
NIPPLE PROFILE INFO:		Upper						
		Lower						
SSSV INFO:								
CEMENT INFO							Calc TOC (ft)	
16	No records of cementing							
10 3/4	No records of original cmt'ing. Multiple attempts of squeeze cmt'ing. *						0 - xx	
8 5/8	No records of original cmt'ing. Multiple attempts of squeeze cmt'ing. *						0 - xx	
7	No records of original cmt'ing. Multiple attempts of squeeze cmt'ing*. 6 sx shoe						0 - xx, 4996'	
4 1/2	25 sacks when ran in 1967						4853	
* see Well Summary Report and WBD for summaries of well records								
MISC INFORMATION								
REFER TO WELL SUMMARY RPT, WELLBORE DIAGRAM, ELOG, ETC. (see spreadsheet tabs below)								
Kill Fluid Calculation * Note that kill fluid calculation tabs are hidden								
Maximum calculated bottom-hole pressure (for reference only):		2074	psig	* input				
Maximum storage field surface pressure (MAOP):		1800	psig	* input				
Well TD:		5180	ft TVD	* input				
Top of storage zone:		5145	ft TVD	* input				
Calculated maximum BH pressure at top of zone:		2057	psig	* output Kill Fluid (TOZ)				
Kill fluid density at top of zone @:		200	psi OB	8.44	ppg	* output Kill Fluid (TOZ)		
Proposed depth of BP (N/A):		5145	ft TVD	* input				
Calculated maximum BH pressure at depth of BP:		2057	psig	* output Kill Fluid (BP)				
Kill fluid density at depth of BP @:		200	psi OB	8.44	ppg	* output Kill Fluid (BP)		
Required minimum kill fluid density (Oriskany):		8.5	ppg	* greater of the two				
Required minimum kill fluid density (Brown Shale gas show):		8.9	ppg					
Current AOF:		60,886 MCF/D						
Top historical AOF:		62,845 MCF/D						
Last MVRT:		A total of 0 metal loss features exceeding the 20% reporting threshold were identified during the HR Vertilog survey dated 06.01.17.						
CBL:		Baker plug set at 5090' + sand on top, couldn't log at 4.5" shoe, good cement from 5028' - 4820' per 10.09.1989 CBL. 10.13.1989 free pipe 0-1090 and 1090 - 2000 poor quality 7"						
PROPOSED YEAR:	2023	ERCB PERMIT REQD:	YES	NO	X	(Internal) PDS Required:	YES	NO
PREPARED BY:	Maria Medvedeva	DT. APPLIED:	ISSUED:		APPROVED:	Brent Criser		
PREP DATE:	6/30/2022	REVIEWED BY:	James Amos					

Refer to "Wellbore Diagram" tab

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47039012501

WELL JOB PLAN		STS Well Engineering & Technology		PAGE 2	DATE JOB PREPARED: 6/30/2022
Objective: Plug and Abandon			LAST PROFILE UPDATE:		
TITLE: Plug and Abandon		WELL: 7076		WORK TYPE: MOD	
FIELD: Coco B					
STAT: WV	SHL (Lat/Long):	38.417139	-81.469918	API: 47-039-01293-0000	
TWP: Elk	BHL (Lat/Long):	38.417139	-81.469918	CNTY: Kanawha	
PROCEDURE					
<p>NOTE: Cement used will be Class A, slurry weight 15.6ppg, slurry yield 1.18 cuft/sk or Class L, slurry weight 15.6ppg, slurry yield 1.14 cuft/sk, as per the approved WVDEP Variance Order No.2022-13. All spacers will be 6% Bentonite gel.</p>					
<ol style="list-style-type: none"> 1 Obtain State well work permit, EM&CP, pipeline crossing evaluation, call before you dig, etc. Prepare site specific SPCC. 2 Notify landowner. 3 Obtain General Work Permit and Wellsite Review & Turnover Form from Operations. 4 Notify Reservoir Engineering & Geosciences (REG) of intent to take well out of service. 5 Notify environmental inspector prior to beginning work. If required, notify State/Federal regulatory agencies prior to beginning work. 6 Disconnect well line. 7 Prepare access road and well site. Install ECD's per EM&CP. 8 Service all wellhead valves. 9 Document and report to WE&T the initial casing and annular pressures. 10 Blow down all annuli, replace fittings as needed, and leave annuli open to atmosphere for monitoring. 11 Kill well with viscosified fluid. 12 Load / top 4-1/2" x 7", 7" x 8-5/8", 8-5/8" x 10-3/4", and 10-3/4" x 16" annuli with kill fluid. Fill all remaining annuli with FW. Document volumes. 13 If wellbore survey has not been acquired yet, obtain gyro survey (data needed to prevent horizontal wellbore collision with new drill project). 14 Obtain CBL from csg shoe to surface. Keep hole full. Provide digital copy to WE&T engineer. 15 Dig around base of wellhead to uncover casing tops and remove cement if present. 16 If 7" x 8-5/8" annulus cannot be controlled, fabricate annular barrier with access ports. 17 MIRU service rig. 18 NU 7-1/16" Cameron 5K BOPE (blind/shear + pipe + annular) on top of master valve. Need kill and choke outlets below blind/shear. 19 Function and pressure test BOPE to low (250 psig) and high (2500 psig). 20 TIH w/ 2-3/8" drill pipe workstring with cut-lip shoe and wash to TD. 21 Install balanced cement plug from TD to 4850'. 22 POOH to above cement, reverse circulate to clean tubulars, pull 10 joints, close pipe rams, and WOC minimum 8 hrs. 23 RIH and tag cement. If cement top has fallen, spot a second balanced cement plug. 24 Install 4-1/2" CIDBP as close as feasible above cement plug. 25 Top off 4-1/2" with kill fluid and perform 500 psig pressure test to verify integrity of BP. 26 Release all annular pressure. 27 Top off all annuli again with fluid again. 28 ND BOPE. 29 Weld pulling nipple on the 4-1/2" csg and pull seals and slips. 30 Strip BOPE (blind/shears, 4-1/2" pipe rams and annular) over stub and NU on top of the A-section. 31 Function test and attempt to pressure test pipe rams low (250 psig) and high (2000 psig). Report results to WE&T engineer. 32 Wireline freepoint and cut / pull all free 4-1/2" casing (historic CBL log shows TOC at 4820'). 33 Obtain CBL on the 7" casing from 4-1/2" casing stub to surface. Keep hole full. Provide digital copy and consult with WE&T engineer. <p><i>NOTE: 7" x 8-5/8" x 10-3/4" x 13-3/8" were squeezed multiple times in a 1989 recondition, including a surface bullhead. Cement tops are unknown. See Well Summary Rpt and WBD prior to P&A tabs for further details.</i></p> 34 TIH with work string and install balanced cement plug from CIBP to ~300' above 4-1/2" casing stub, ~4500'. 35 POOH to above cement, reverse circulate to clean tubulars, pull 10 joints, close pipe rams, and WOC minimum 8 hrs. 36 RIH and tag cement. If cement top has fallen, spot a second balanced cement plug 37A Perforate through 7" csg above inside cmt plug. Attempt to establish injection. Consult with WE&T engineer to confirm procedure. <p><i>NOTE: A gas show in the Brown Shale was reported by Driller as high as 3870'. Assuming MAOP pressure, minimum required kill fluid is 8.9 ppg.</i></p> <ul style="list-style-type: none"> > RIH with sliding-sleeve style cement retainer on work string > Set retainer above perfs > Establish injection > Disengage from retainer and spot cement at bottom of work string > Squeeze cement behind 7" casing with pre-determined cement volume that occupies no more annular volume than that required to place top of cement at 2000'. > Disengage from retainer, reverse circulate to clean tubulars, and TOH. > WOC 24 hours. > Obtain CBL 37B If injection is not established, perf. ~300' higher. Establish circulation perf to perf, and repeat process above up to the 8-5/8" shoe in ~300' increments. <p>* Note that during steps above cement plugs must be installed across all perf zones, casing shoes, and O/G/W zones <i>The process above will require communication with WE&T engineer to determine a plan of action. Squeeze segments may be adjusted based on hole conditions.</i></p> 					
PREPARED BY:	Maria Medvedeva	REVIEWED BY:	James Amos	APPROVED:	Brent Criser
PREP DATE:	6/30/2022				

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Amos
4-5-23

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WELL JOB PLAN		STS Well Engineering & Technology		PAGE 3	DATE JOB PREPARED: 6/30/2022
Objective: Plug and Abandon			LAST PROFILE UPDATE:		
TITLE: Plug and Abandon			WORK TYPE: MOD		
FIELD: Coco B	WELL: 7076				
STAT: WW	SHL (Lat/Long):	38.417139 -81.469918	API: 47-039-01293-0000		
DIST/TWP: Elk	BHL (Lat/Long):	38.417139 -81.469918	CNTY: Kanawha		

PROCEDURE (continued)



- 38A If 7" CBL shows cement present in annulus from 1989 recondition - perf and squeeze cement behind 7" casing with pre-determined cement volume that occupies no more annular volume than that required to reach the bottom of the cement column. WOC. Obtain a new 7" CBL to surface.
- 38B If injection is not established, make a top perf. Establish perf-to-perf circulation and cement in annulus. WOC. Obtain a new 7" CBL to surface.
- 38C If 7" CBL does not show cement present in annulus from the 1989 recondition, perf and circulate cement behind 7" to surface. WOC.
- 39A Perforate through 7" and 8-5/8" csqs above inside cmt plug at ~2000. Attempt to establish injection. Consult with WE&T engineer to confirm procedure.
 - > RIH with sliding-sleeve style cement retainer on work string
 - > Set retainer above perfs
 - > Establish injection
 - > Disengage from retainer and spot cement at bottom of work string
 - > Squeeze cement behind 8-5/8" casing with pre-determined cement volume that occupies no more annular volume than that required to place top of cement at 1000'. At minimum, ideally, need to place TOC to 1600' into inside of the 10-3/4" csg.
 - > Disengage from retainer, reverse circulate to clean tubulars, and TOH.
 - > WOC 24 hours.
- 39B If injection is not established, perf. at 1500'. Establish circulation perf to perf, and repeat 8-5/8" casing squeeze.
 - * Note that during steps above cement plugs must be installed across all perf zones, casing shoes, and O/G/WV zones
 - The process above will require communication with WE&T engineer to determine a plan of action.*
- 40 TIH with work string and install balanced cement plugs inside 7" casing to surface.
- 41 ND BOPE.
- 42 Remove wellhead equipment.
- 43 Grout all annuli as deep as possible.
- 44 RDMO service rig.
- 45 Erect monument per state regulations. Reclaim location and lease road
- 46 P&A complete
- 47 Notify REG / WE&T that well is back in-service.

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PREPARED BY: Maria Medvedeva	REVIEWED BY: James Amos	APPROVED: Brent Criser
PREP DATE: 6/30/2022		

Henry W. White
4-5-23

06/02/2023

~ not to scale ~

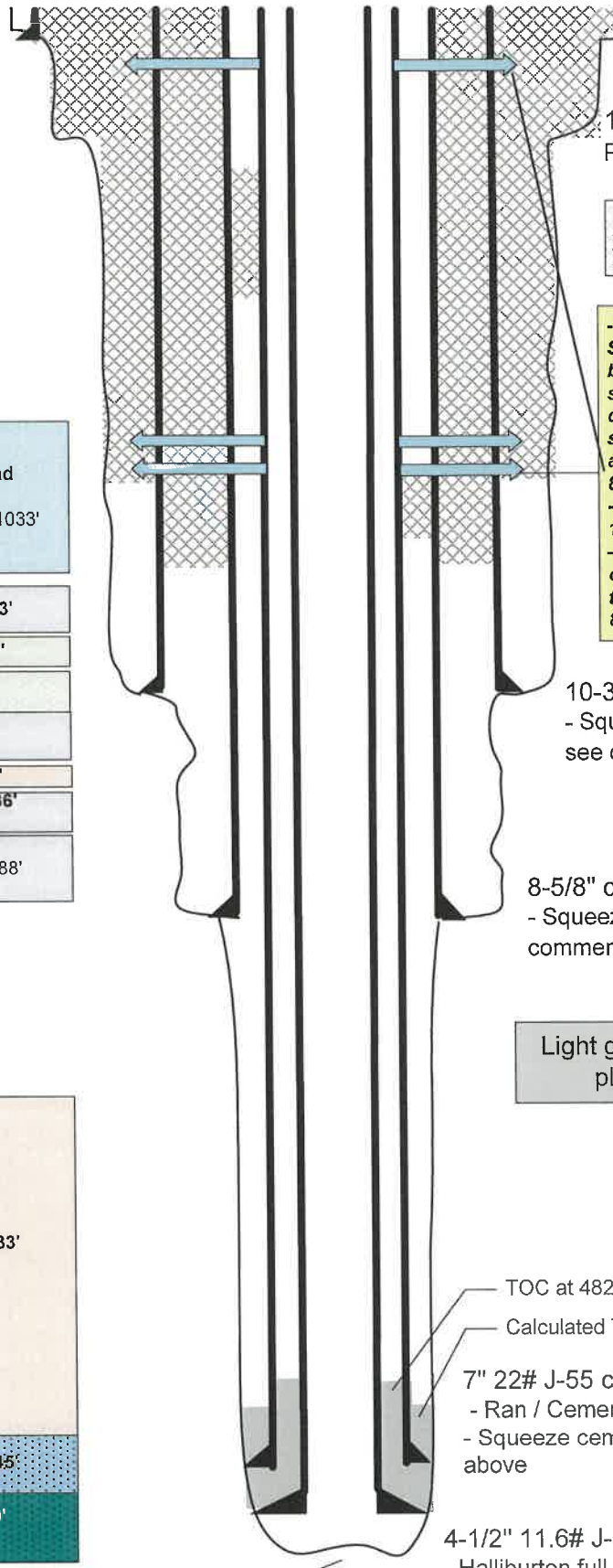
COCO B 7076

Prior to P&A
(as of 06/08/2022)

- Sea Level @ 806 ft**
- Coal at 255' - 258'
- Fresh Water - 270', 320' and 335'

- Salt Sand 878' - 1085' and 1105' - 1371
* salt water shows 952' and 1033'
- Maxaw Sand 1410' - 1493'
- Little Lime 1498' - 1535'
- Big Lime 1540' - 1738'
- Injun 1738' - 1758'
*Oil at 1743'
- Red Rock 1758' - 1770'
- Squaw Sand 1810' - 1836'
*Gas 1830 - 1835'
- Weir SS 1866' - 1995'
*Oil 1920', Gas 1975' - 1988'
Oil 1983' - 1988'

- Brown Shale 3345' - 5033'
*Gas 3870' - 4040' and 4600'
- Corniferous 5033' - 5145'
- Oriskany 5145' - 5180'
(gas storage)



16" drive pipe @ 39'
No record of cement

13-3/8" csg seat @ 579'
Pulled per 1946 well records.

Hashed fill indicates potential squeeze cement during well recondition in 1989

- 1989 perf at 990' for annulus cement squeeze. Squeezed 250 sks - partial circulation achieved between 10-3/4" and 13-3/8" csg, no cmt returns to surface (potential TOC ~450'). Perforate at 800', no displacement. Perf at 100' - see circulation to surface between 8-5/8" x 10-3/4" and 10-3/4" x 13-3/8" annuli. RIH to squeeze, see no circulation between 800' and 100' perfs. Squeeze off perfs at 800'.
- Bullhead squeeze from surface 8-5/8" x 10-3/4" x 13-3/8" ann. w/ 180sks cmt. NOTE per well record - drilled out cmt from 60' to xx', also saw a cement obstruction inside 7" at 2016' re-running the 4-1/2" csg. There may be cement between 7" x 8-5/8" as well.

10-3/4" csg @ 1615'.
- Squeeze cement during 1989 recondition, see comments above

8-5/8" casing @ 2025'.
- Squeeze cement during 1989 recondition, see comments above

Light grey fill indicates cement in place during casing run

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TOC at 4820' per 10.09.1989 CBL, no log across site
Calculated TOC at 4996'

7" 22# J-55 csg @ 5044'.
- Ran / Cemented w/9 sx of cmt / 6sx behind pipe in 1946
- Squeeze cement during 1989 recondition, see comments above

4-1/2" 11.6# J-55 casing @ 5150'.
- Halliburton full flow pump-out packer 5145' - 5150'
- Ran / Cemented with 25 sx in 1967

6-1/2" open hole ————— TD 5180'

~ not to scale ~

COCO B 7076

Proposed P&A

(as of 06/30/2022)

Sea Level @ 806 ft

Coal at 255' - 258'

Fresh Water - 270', 320' and 335'

Salt Sand 878' - 1085' and 1105' - 1371

* salt water shows 952' and 1033'

Maxon Sand 1410' - 1493'

Little Lime 1498' - 1535'

Big Lime 1540' - 1738'

Injun 1738' - 1758'

*Oil at 1743'

Red Rock 1758' - 1770'

Squaw Sand 1810' - 1836'

*Gas 1830 - 1835'

Weir SS 1866' - 1995'

*Oil 1920', Gas 1975' - 1988'

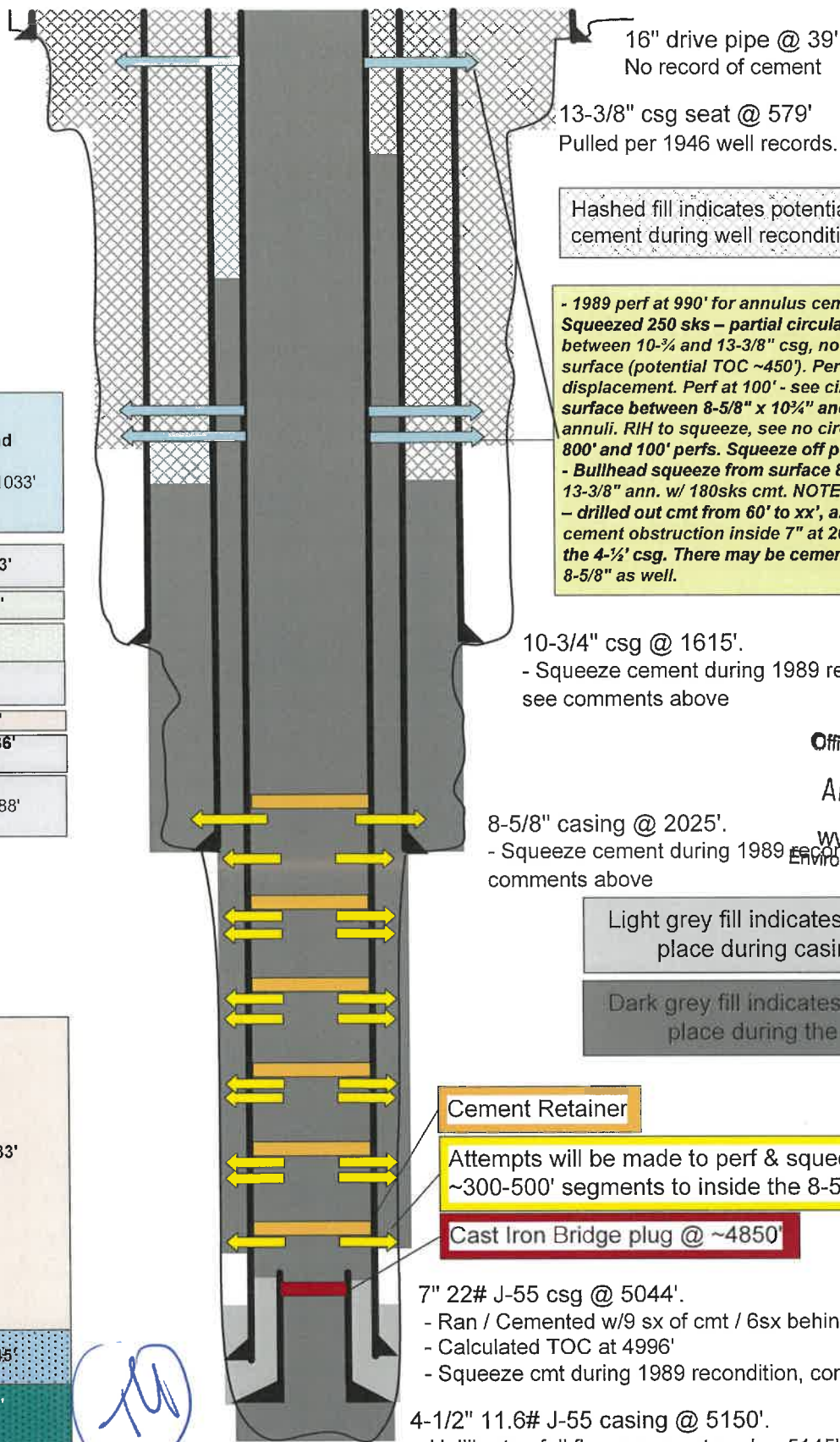
Oil 1983' - 1988'

Brown Shale 3345' - 5033'

*Gas 3870' - 4040' and 4600'

Corniferous 5033' - 5145'

Oriskany 5145' - 5180' (gas storage)



13-3/8" csg seat @ 579'
Pulled per 1946 well records.

Hashed fill indicates potential squeeze cement during well recondition in 1989

- 1989 perf at 990' for annulus cement squeeze. Squeezed 250 sks - partial circulation achieved between 10-3/4" and 13-3/8" csg, no cmt returns to surface (potential TOC ~450'). Perforate at 800', no displacement. Perf at 100' - see circulation to surface between 8-5/8" x 10 1/4" and 10-3/4" x 13-3/8" annuli. RIH to squeeze, see no circulation between 800' and 100' perfs. Squeeze off perfs at 800'. - Bullhead squeeze from surface 8-5/8" x 10-3/4" x 13-3/8" ann. w/ 180sks cmt. NOTE per well record - drilled out cmt from 60' to xx', also saw a cement obstruction inside 7" at 2016' re-running the 4-1/2" csg. There may be cement between 7" x 8-5/8" as well.

10-3/4" csg @ 1615'.
- Squeeze cement during 1989 recondition, see comments above

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8-5/8" casing @ 2025'.
- Squeeze cement during 1989 recondition, see comments above

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Light grey fill indicates cement in place during casing run

Dark grey fill indicates cement in place during the P&A

Cement Retainer

Attempts will be made to perf & squeeze 7" in ~300-500' segments to inside the 8-5/8" csg.

Cast Iron Bridge plug @ ~4850'

7" 22# J-55 csg @ 5044'.
- Ran / Cemented w/9 sx of cmt / 6sx behind pipe in 1946
- Calculated TOC at 4996'
- Squeeze cmt during 1989 recondition, comments above

4-1/2" 11.6# J-55 casing @ 5150'.
- Halliburton full flow pump-out packer 5145' - 5150'
- Ran / Cemented with 25 sx in 1967
- TOC at 4820' per 10.09.1989 CBL, no log across shoe

6-1/2" open hole

TD 5180'

06/02/2023

S.A. GREGG
WELL NO. 1

UNITED FUEL GAS COMPANY
COMPANY

SPECIAL WELL NO. X-52-7076

LEASE NO. _____

MAP SQUARE _____

RECORD OF WELL NO. <u>1X-52-7076</u> on the			CASING AND TUBING				TEST BEFORE SHOT		
S. A. Gregg	farm of	Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	/10 of Water in	incl	
in Elk	District		16"		39	39	/10 of Merc. in	incl	
Kanawha	County		13-3/8"		579		Volume	Cu. ft	
State of: West Virginia			10-3/4"		1615	1615	TEST AFTER SHOT		
Field: Clendenin Field			8-5/8"		2025	2025	/10 of Water in	incl	
Rig Commenced	19		6-5/8"		5045	5045	/10 of Merc. in	incl	
Rig Completed	19		2"	5150	5163	5163	Volume	Cu. ft	
Drilling Commenced	7-19	1946	CASING CEMENTED:		6-5/8"	- 31'	Hours After Sho		
Drilling Completed	11-15	1946			10-31	46	Rock Pressure	865	
Drilling to cost		per foot	COAL WAS ENCOUNTERED AT:				Date Shot	Not Shot	
Contractor is:			255'	to	258'		Size of Torpedo		
Address:			SHUT IN				Oil Flowed	bbls. 1st 24 hrs	
			Date				Oil Pumped	bbls. 1st 24 hrs	
Driller's Name			in				Tubing or Casing		
			Size of Packer				Well abandoned and		
			Kind of Packer				Plugged	19	
			1st Perf. Set				5147	from	5163
Elevation:	814L		2nd Perf. Set					from	

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay (Yellow)	0	17		
Mud (Blue)	17	28		
Sand Stone (Gray)	28	60		
Slate	60	90		
Sand	90	160		
Slate	160	190		
Sand	190	250		
Slate	250	255		
Coal	255	258		
Slate	258	265		
Sand	265	322		Water 270
Iron (Black)	322	340		Water 320
Slate	340	375		
Sand	375	480		
Slate	480	505		
Sand	505	535		
Lime (Black)	535	550		

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SERIAL WELL NO. _____

LEASE NO. _____

MAP SQUARE _____

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate (White)	550	600		
Sand	600	639		
Slate	639	656		
Lime (Gray)	656	671		
Slate	671	711		
Sand	711	750		
Slate	750	776		
Sand	776	806		
Slate	806	813		
Lime	813	823		
Sand	823	838		
Slate	838	878		
Salt Sand	878	1085		Water 952
Slate	1085	1090		Water 1033
Li	1090	1105		
Salt Sand	1105	1371		
Slate & Shells	1371	1410		
Maxon Sand	1410	1493		
Slate	1493	1498		
Little Lime	1498	1535		
Pencil Cave	1535	1540		
Big Lime	1540	1738		
Big Injun	1738	1758		Oil 1743
Red Rock	1758	1770		
Lime	1770	1810		
Squaw Sand	1810	1836		Gas 1830-35
Lime	1836	1866		
Weir Sand	1866	1995		Oil 1920
Slate	1995	2023		Gas 1975-88
Lime	2023	2028		Oil 1983-88
Slate & Shells	2028	3345		
Shale (Brown)	3345	3385		
Slate & Shells	3385	3870		
Shale (Brown)	3870	4040		Gas 3870-4040
Slate & Shells	4040	4575		
Shale (Brown)	4575	5033		Gas 4600
Fossiliferous Lime	5033	5145		

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Environmental Protection

06/02/2023

1) Date: 04.13.2023
 2) Operator's Well Number
 Coco B 7076
 3) API Well No.: 47 - 039 - 01293

TRANS CANADA PIPELINES LIMITED
 4703901293P
 OK 43065 \$100.00

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Mike B. Naylor</u>	Name <u>Not operated</u>
Address <u>513 Valley View Dr</u> <u>Clendenin, WV 25045</u>	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
(c) Name _____	Address _____
Address _____	Name _____
Address _____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	Address _____

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
 By: Maria Medvedeva
 Its: Senior Wells Engineer - Well Engineering and Technology
 Address 1700 MacCorkle Ave SE
Charleston, WV 25314
 Telephone 304-410-4313

[Handwritten Signature]

RECEIVED
 Office of Oil and Gas
 APR 17 2023

Subscribed and sworn before me this 13th day of April 2023
Maria Medvedeva Notary Public
 My Commission Expires 9-25-2025

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 deprivacyoffier@wv.gov.

06/02/2023

4703901293P

Columbia Gas Transmission, LLC

1700 MacCorkle Ave., SE, Charleston, WV, USA 25314



April 13, 2023

William B. Naylor
513 Valley View Dr
Clendenin, WV 25045

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 Coco B 7076 (API 47-039-01293).

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

Regards,

Maria Medvedeva
Senior Wells Engineer
Well Engineering & Technology
Columbia Gas Transmission, LLC

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i>	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$ _____ Extra Services & Fees (check box, add fee as appropriate) <input type="checkbox"/> Return Receipt (hardcopy) \$ _____ <input type="checkbox"/> Return Receipt (electronic) \$ _____ <input type="checkbox"/> Certified Mail Restricted Delivery \$ _____ <input type="checkbox"/> Adult Signature Required \$ _____ <input type="checkbox"/> Adult Signature Restricted Delivery \$ _____ Postage \$ _____ Total Postage and Fees \$ _____	Postmark Here
Sent To <u>William Naylor</u> Street and Apt. No., or PO Box No. <u>513 Valley View Dr</u> City, State, ZIP+4® <u>Clendenin, WV CB7076</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

7022 2410 0002 6396 2976

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APR 17 2023
WV Department of
Environmental Protection

www.tcenergy.com

06/02/2023

US POSTAGE
ZIP 25314 \$ 009.96⁰
02 1W
0001363883 APR 13 2023



7022 2410 0002 6396 2976
7022 2410 0002 6396 2976



PRESS FIRMLY TO SEAL

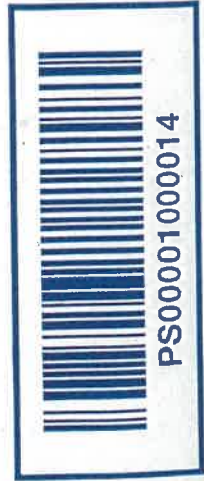


- Expected delivery date specified for domestic mail
 - Domestic shipments include \$100 of insurance
 - USPS Tracking® service included for domestic mail
 - Limited international insurance.**
 - When used internationally, a customs declaration is required
- *Insurance does not cover certain items. For details regarding international insurance, see the Domestic Mail Manual at <http://pe.usps.com>.
- ** See International Mail Manual at <http://pe.usps.com> for details.

FLAT RATE ENVELOPE
ONE RATE ■ ANY WEIGHT

U.S. DEPARTMENT OF ENVIRONMENTAL PROTECTION

TRACKED ■ INSURED



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APR 17 2023

EP14F July 2022
OD: 12 1/2 x 9 1/2

To schedule free Package Pickup, scan the QR code.



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Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To William Nayfor	
Street and Apt. No., or PO Box No. 513 Valley View Dr	
City, State, ZIP+4® Chendenen, WV CB 25045	

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

FROM:

Maria Medvedeva
1700 MacCorkle Ave SE
Charleston, WV 25314

TO:

William Nayfor
513 Valley View Dr
Chendenen, WV 25045

703901293 P

06/02/2023

SURFACE OWNER WAIVER

Operator's Well
Number

Coco B 7076

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

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VOLUNTARY STATEMENT OF NO OBJECTION

APR 17 2023

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plan.

WV Department of
Environmental Protection

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____	_____
Signature		By	_____
		Its	_____
			Date _____
		Signature	Date _____

06/02/2023

4703901293P

WW-4B

API No. 47-039-01293

Farm Name _____

Well No. Coco B 7076

Coal not operated

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. 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: _____

By: _____

Its _____

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

Operator Name Columbia Gas Transmission OP Code 307032

Watershed (HUC 10) Pinch Creek Quadrangle Blue Creek, WV

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 *Handwritten initials*

If so, please describe anticipated pit waste: fresh water, brine, cement returns, bentonite gel

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 34-167-23862)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Mud Master 64054; Reserve Environmental Services (WMGR123SW005)
Appalachian Water Services (WMGR123SW001))

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? N/A

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) Subsoils

-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.

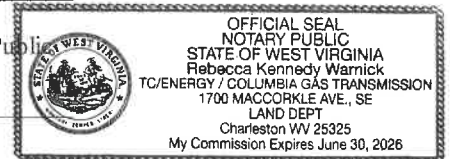
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 *Maria Medvedeva*
Company Official (Typed Name) Maria Medvedeva
Company Official Title Senior Wells Engineer - Well Engineering and Technology

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APR 17 2023
WV Department of
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Subscribed and sworn before me this 3rd day of April, 2023

Rebecca Kennedy Warrick Notary Public
My commission expires 6/30/26



06/02/2023

Proposed Revegetation Treatment: Acres Disturbed <1.0 Prevegetation pH 6 - 7

Lime 2 Tons/acre or to correct to pH 7 - 8

Fertilizer type 10-10-10

Fertilizer amount 600 lbs/acre

Mulch hay or straw @ 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: [Signature]

Comments: _____

Title: Inspector Dele Gas

Date: 4-5-23

Field Reviewed? Yes No

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06/02/2023

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): Pinch Creek Quad: Blue Creek, WV
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 fluids planned to be discharged.
- No fertilizer will be stored on site. Small quantities of fuel, oil, and lubrications 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 contaminants 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 and well servicing equipment will be monitored and 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.

Pinch Creek is at a distance of 0.09 miles S.

The Trail Kitchen (WV9908037) is the closest Well Head Protection Area at a distance of 11.3 miles E from discharge area.

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

N/A

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APR 17 2023

WV Department of
Environmental Protection

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

06/02/2023

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.

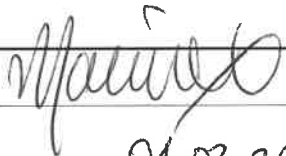
During routine tailgate meetings, groundwater protection will be a topic of discussion.

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 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 contaminants to groundwater.

All construction and well servicing equipment will be monitored and inspected daily for leaks or spills.

Signature: _____



Date: _____

04.03.2023

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WV DEP Reclamation Plan - Overview

Coco B well 7076 (API 47-039-01293)

- BMPs and erosion control devices to be utilized per WV DEP 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

Legend

● Coco B - 07076

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Google Earth



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Google Earth

WV DEP Reclamation Plan - Site Detail

Coco B well 7076 (API 47-039-01293)

- BMPs and erosion control devices to be utilized per WV DEP 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

Limit of Proposed Disturbance on existing well site

~0.3 acres

Existing Access Road

Coco B - 97076

Pit A
50' x 10' x 4' deep

Pit B
50' x 10' x 4' deep

Upper Pinch Estates

Legend

- Coco B - 07076
- CWACB 7076

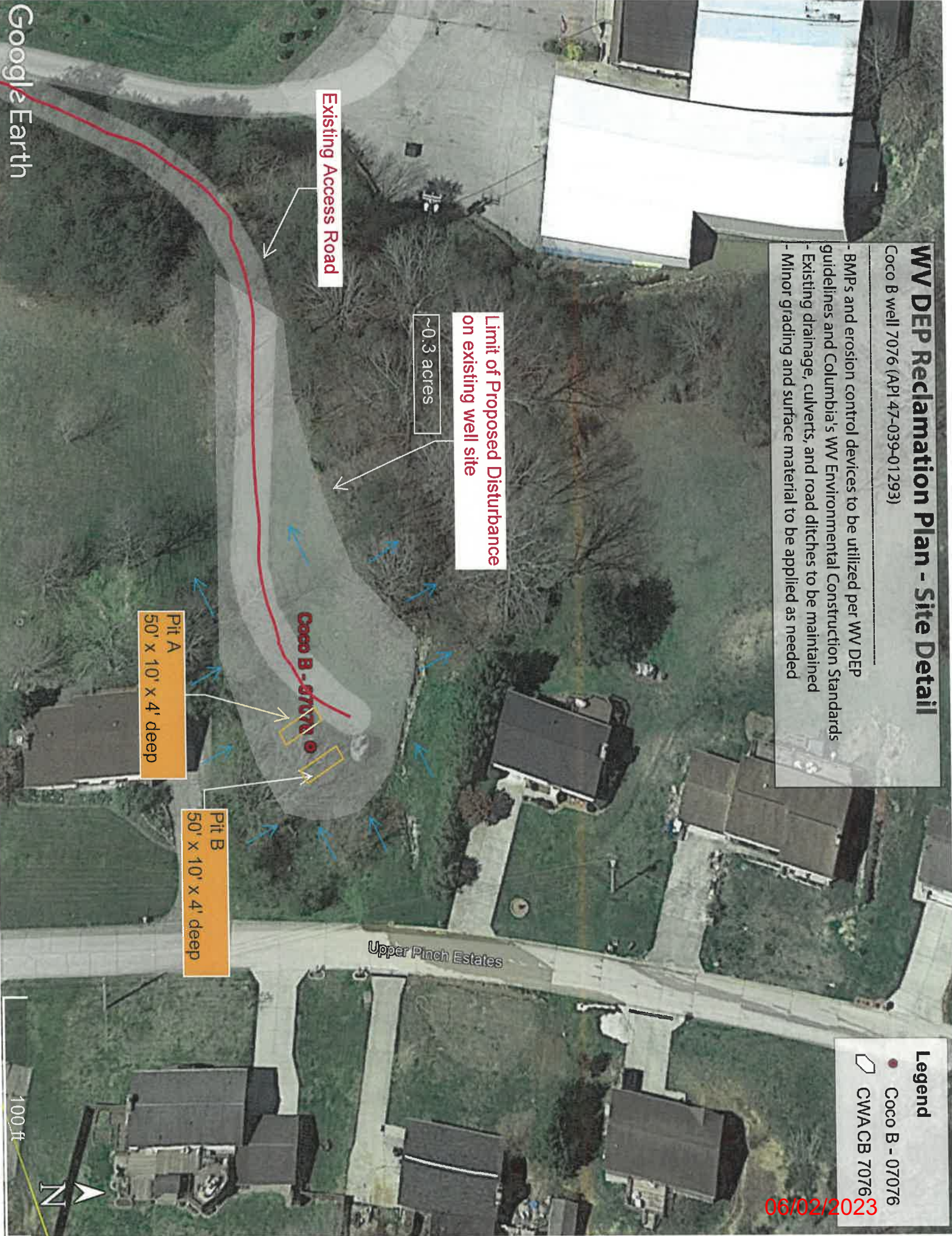
06/02/2023

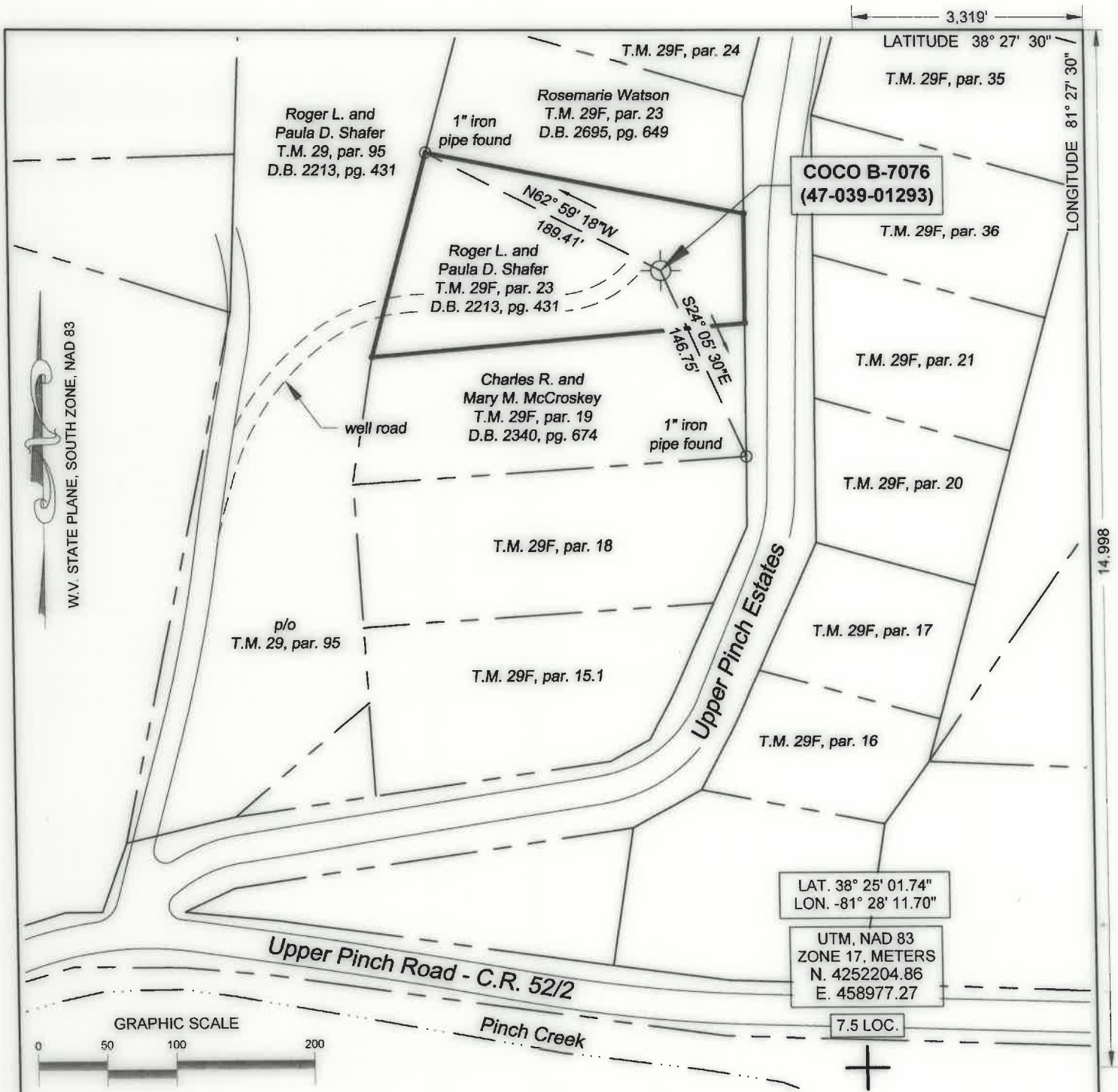
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APR 17 2023

WV Department of
Environmental Protection

100 ft





(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No. 2101-2345-001-007
 DRAWING No. COCO B - 7076
 SCALE 1"=100'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION TRIMBLE R10
GPS UNIT

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) *R. Thaw*
 ROBERT F. THAW PS #965



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 NITRO, WV

DATE APRIL 13 2023
 OPERATOR'S WELL No. 7076
 API WELL No. 47 039 - 01293P

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 806.0' WATER SHED PINCH CREEK
 DISTRICT ELK COUNTY KANAWHA
 QUADRANGLE BLUE CREEK, WV

SURFACE OWNER WILLIAM B. NAYLOR ACREAGE 0.66 ACRES
 OIL & GAS ROYALTY OWNER MILDRED PRESTON LAKE, TRUSTEE, ET AL AND SOUTHERN LAND COMPANY, ET AL
 LEASE ACREAGE 38 ACRES LEASE NO. 1004947-000

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION ORISKANY ESTIMATED DEPTH 5180
 WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT MARIA MEDVEDEVA
 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS 1700 MACCORKLE AVE., S.E. CHARLESTON, WV 25314

FORM IV-6 (8-78)

4703901293P

(ROMANCE)



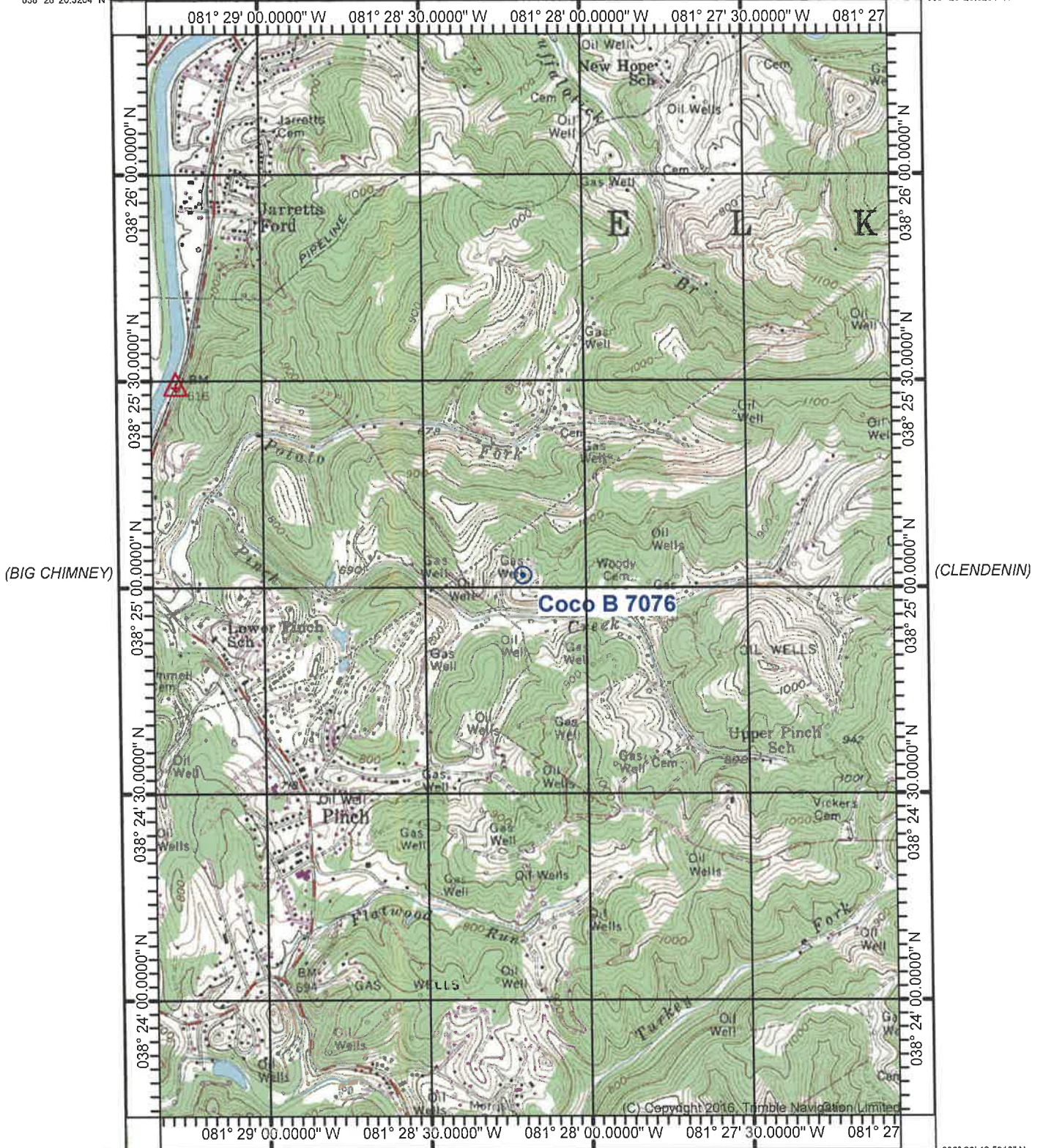
BLUE CREEK QUADRANGLE
WEST VIRGINIA
TOPOGRAPHIC SERIES

(CLIO)

081° 29' 20.6120" W
038° 26' 20.3204" N

(KETTLE)

081° 27' 02.2039" W
038° 26' 20.3204" N



(BIG CHIMNEY)

(CLENDENIN)

038° 23' 42.5913" N
081° 29' 20.6120" W

Declination

(QUICK)
SCALE 1:24000

Printed: Thu May 05, 2022

081° 27' 02.2039" W
038° 23' 42.5913" N

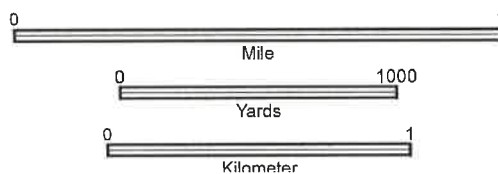
(CHARLESTON
EAST)

(MAMMOTH)

Produced by Trimble Terrain Navigator Pro
Topography based on USGS 1:24,000
Maps

North American 1983 Datum (NAD83)

To place on the predicted North American
1927 move the projection lines 11M N and
14M E



CONTOUR INTERVAL 20 FT

38081-D3-TM-024
BLUE CREEK, WV

JAN 1, 1977 RECEIVED
Office of Oil and Gas

06/02/2023
APR 17 2023

WV Department of
Environmental Protection

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-039-01293 WELL NO.: Coco B 7076

FARM NAME: Greggs, S.A.

RESPONSIBLE PARTY NAME: _____

COUNTY: Kanawha DISTRICT: Elk

QUADRANGLE: Blue Creek, WV

SURFACE OWNER: Mike B. Naylor

ROYALTY OWNER: Mildred Preston Lake, Trustee et al and Sothern Land Company, et al

UTM GPS NORTHING: 4252204.86

(806')

UTM GPS EASTING: 458977.27 GPS ELEVATION: 245.7m

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:

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

Survey grade GPS : Post Processed Differential _____

Real-Time Differential

Mapping Grade GPS _____ : Post Processed Differential _____

Real-Time Differential _____

4. **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.

R. Naylor
Signature

V.P. Survey
Title

4/13/2023
Date

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APR 17 2023

WV Department of
Environmental Protection

06/02/2023



Kennedy, James P <james.p.kennedy@wv.gov>

Fwd: Message from KM_C450i

1 message

McLaughlin, Jeffrey W <jeffrey.w.mclaughlin@wv.gov>

Thu, May 25, 2023 at 11:24 AM

To: Maria Medvedeva <maria_medvedeva@tcenergy.com>, Terry W Urban <terry.w.urban@wv.gov>, sallierobinson@kanawha.us

Cc: James P Kennedy <james.p.kennedy@wv.gov>

To All:

Please find attached the recently issued plugging permit for the Coko B 7076 well (API No. 47-039-01293).

Regards,

Jeff McLaughlin, Technical Analyst
WV DEP, Office of Oil and Gas

----- Forwarded message -----

From: <Copy.Center.2064@wv.gov>

Date: Thu, May 25, 2023 at 11:18 AM

Subject: Message from KM_C450i

To: <jeffrey.w.mclaughlin@wv.gov>



SKM_C450i23052511180.pdf
2687K

06/02/2023