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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)

Tuesday, May 25, 2021  
WELL WORK PERMIT  
Not Available / Plugging

WEST VIRGINIA LAND RESOURCES, INC.  
46226 NATIONAL ROAD WEST  
ST. CLAIRSVILLE, OH 43950

Re: Permit approval for J. J. DOWLER 1  
47-051-00745-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: J. J. DOWLER 1  
Farm Name: BROWN, HARMAN  
U.S. WELL NUMBER: 47-051-00745-00-00  
Not Available Plugging  
Date Issued: 5/25/2021

## 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

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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.

4705100745P

WW-4B  
Rev. 2/01

1) Date DECEMBER 5, 20 20  
2) Operator's  
Well No. M-1608  
3) API Well No. 47-051-00745

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     ) Deep      / Shallow     

5) Location: Elevation 1323.38' Watershed FOURMILE RUN OF HARTS RUN OF PENNSYLVANIA FORK OF FISH CREEK  
District LIBERTY County MARSHALL Quadrangle CAMERON WV, PA

6) Well Operator WEST VIRGINIA LAND RESOURCES INC. 7) Designated Agent DAVID RODDY  
Address 1 BRIDGE STREET Address 1 BRIDGE STREET  
MONONGAH, WV 26554 MONONGAH, WV 26554

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name ~~JAMES NICHOLSON~~ Barry Stollings Name       
Address P.O. BOX 44 2-22-21 Address       
MOUNDSVILLE, WV 26044

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

See Exhibit No. 1

§  
MSHA 101C EXEMPTION

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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 Barry Stollings Date 2-22-21

05/28/2021

## EXHIBIT NO.1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal's Northern West Virginia Operations will utilize the following method to plug all future wells.

SOLID PLUG METHOD

- ★ (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- ~~(b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.~~
- (c) Circulate through tubing or drill steel an expanding Class A cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel an expanding Class A cement plug from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

Marshall County 101C  
Docket No. M-2016-016-C

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101C MSHA Petition Summary  
 Marshall County Coal  
 Ohio County Coal

**I. Definitions**

- A. Diligent Effort is defined as pulling 150% casing weight and making at least 3 attempts. Assume casing is 3,000' when length is unknown.

**II. Active Well**

- A. Check for Methane  
 B. Notify MSHA we are plugging an active well  
 C. Kill Well  
 D. Pull Sucker Rods and tubing  
 E. Make Diligent Effort to Pull Casing  
 F. If casing cannot be pulled...  
     i. Run Bond Log  
         1. Discuss Action Plan with Mine Personal  
     ii. Notify MSHA that casing cannot be pulled  
     iii. Cut, rip, or perforate every 200'. First cut will be 200' above the end of casing up to 200' below Pittsburgh coal  
         1. MSHA can waive 200' cuts if bond log shows adequate material behind casing.  
     iv. Cut, Rip, or Perforate every 50' from 200' below Pittsburgh to 100' above Pittsburgh (see Appendix A).  
     v. Cut, Rip, or Perforate every 5' from 10' below Pittsburgh Coal to 10' above Pittsburgh (see Appendix A).  
 G. Pump Class A Cement from TD to 200' below Pittsburgh  
 H. Pump Thixotropic Cement from 200' below Pittsburgh to 100' above  
 I. Pump Class A cement from 100' above Pittsburgh to surface.  
 J. Install Well Marker

**III. Abandoned Well**

- A. Check for Methane  
     i. Notify MSHA if actively producing methane  
 B. Kill Well  
 C. If well is less than 4,000' deep, clean out well 220' below Pittsburgh (cleanout an extra 20' to allow for variance in coal elevation).  
 D. If well has casing, make diligent effort to pull casing as defined above.  
 E. If casing cannot be pulled...  
     i. Run Bond Log  
     ii. Notify MSHA that casing cannot be pulled  
     iii. Cut, Rip, or Perforate every 50' from 200' below Pittsburgh to 100' above Pittsburgh (see Appendix A).

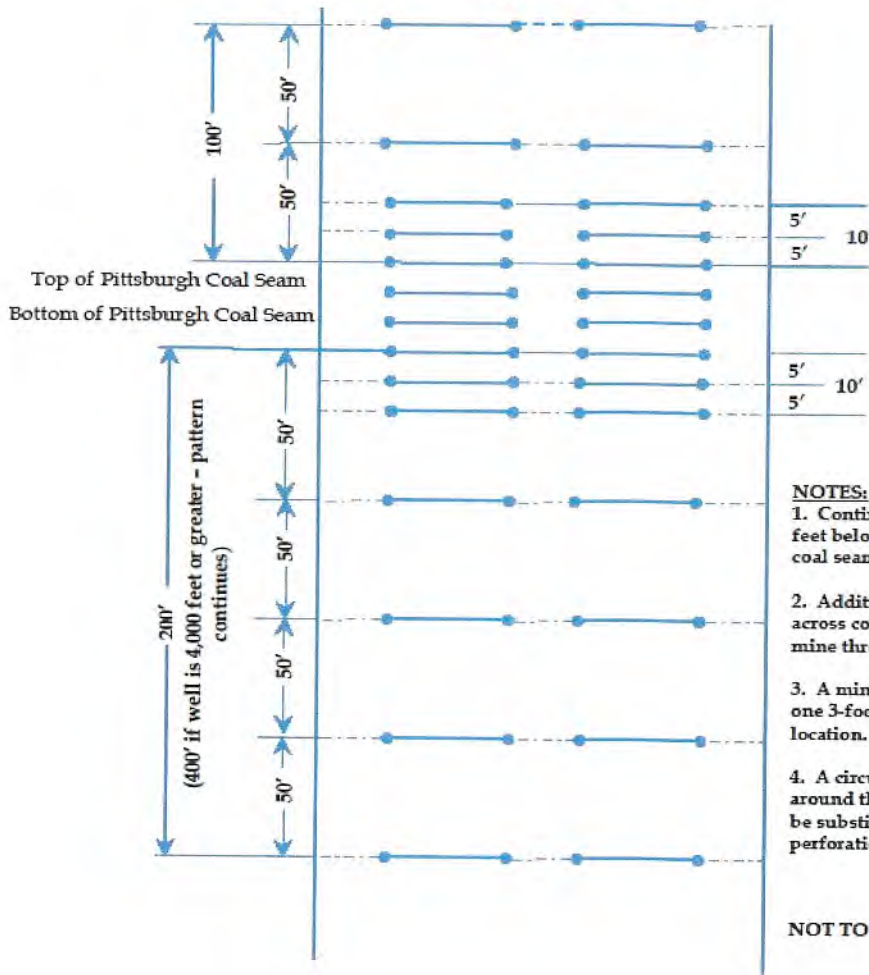
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- iv. Cut, Rip, or Perforate every 5' from 10' below Pittsburgh Coal to 10' above Pittsburgh (see Appendix A).
- F. Pump expanding cement under 200 PSI to form a plug 200' below Pittsburgh
- G. Verify plug
- H. Pump Class A Cement from verified plug to 200' below Pittsburgh
- I. Pump Thixotropic Cement from 200' below Pittsburgh to 100' above
- J. Pump Class A cement from 100' above Pittsburgh to surface.
- K. Install well marker

Appendix A



- NOTES:**
1. Continuous rip from 10 feet below to 10 feet above coal seam or like sketch.
  2. Additional rips made across coal seam to facilitate mine through.
  3. A minimum of 4 shots or one 3-foot rip at each location.
  4. A circumferential cut around the entire casing may be substituted for the perforation or ripping.

NOT TO SCALE

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\*\*\*If the depth is greater than 4,000 feet, all 200' number change to 400' respectively



DATE LAST REPORT

This following list is a record of wells drilling in my district with full record of same

DEPTH	FARM	WELL NO.	TOWNSHIP DISTRICT	COUNTY	REMARKS	DEPT THIS RE
Record of J.J. Dowler Well Liberty Dist Marshall Co. W. Va.						
Well was Drilled in 1909 By Wm. Nat Gas Co.						
Conductor 121						
13' casing 60'						
Mountain Sand 525 565						
Mapletown Coal 825						
Pittsburg 915-920						
Murphy Sand 1000 1020						
10' casing 1325						
Little Dunkard sand 1325 1360						
Big Dunkard sand 1475 1515						
Gas Sand 1600						
Salt Sand 1760 1870						
Big lime 2030 2100						
6 7/8 casing 2045 2054						
Big Injun sand 2100 2355						
Thirty foot "						
Fifty foot "						
Gordon Stray 2915						
Gordon sand 2948 2991						
Fourth " 3016						
Fifth " shell 3138						
lime stone & shells 3248						
Total depth 3058						

Well shot with 20 Quarts in 50 sand  
 " " 20 " " fourth sand  
 All casing pulled. Out 925 ft of 10' casing.

TOTAL DEPTH  
 JUNE 4th 1940  
 3054 - 6" - STEEL LINE  
 MEASUREMENT.

Cleaned out  
 to 3058' - 6/20/40

2" tubing run run on  
 2' x 6 5/8" - 16" rubber line  
 Well packed  
 Parker set bottom of Big Injun at  
 Perforation found 5th ft from bottom  
 Started clean out Nov 1941 - (Parker job for 2" tubing)



Liberty DISTRICT, MARSHALL COUNTY, W. VA.

By Cameron Heat & Light Co. Total depth 3380 Elevation 1345  
 (Drilled by Wheeling Natural Gas Co.)  
 Completed 1904 Abandoned Production

Sand.	Top.	Bottom.	Thick-ness.	Eleva-tion.	Production		Ft. in Sand.	Pays Thick-ness.
					Intervals from Fgh. C.	E. I. Sand		
Pittsburgh Coal	915	...	..	430	0	1185		
Minshall	1000	1040	40	345	85	1100		
Murphy								
Moundsville								
1 C. R., Lit. Dunk.	1325	1360	35	20	410	775		
Big Dunkard								
Burning Springs	1475	1515	40	-130	560	625		
Gas								
Lower Gas	1600	....	..	255	685	500		
Second Cow Run								
1st Salt	1760	1870	90	415	845	340		
2nd Salt								
3rd Salt								
Maxton								
Big Lime	2030	2100	70	685	1115	70		
Keener								
Big Injun	2100	2355	255	755	1185	0		
Berea	2704	2731	27	1359	1789	604		
Gantz								
50-Foot								
30-Foot	2883	2910	27	1538	1968	783	little gas	
Gordon Stray	2915	....	..	1570	2000	815		
Gordon	2948	2991	43	1603	2033	848		
Fourth	3016	....	..	1671	2101	916	gas	
Fifth shell	3138	....	..	1793	2223	1038		
Sixth								
Im. shells	3248	....	..	1903	2333	1148		
Speechley								



## J. J. DOWLER (W. A. DOWLER) NO. 1 WELL.

NOW  
#45747

Liberty District, Marshall County, W. Va.

By Cameron Heat &amp; Light Co. (MNV-16).

Well was drilled in 1904 by Wheeling Nat. Gas Co.

Leased in 1915.

Conductor, 12"; 13" casing, 60'; 10", 1325' (925' left in well);  
6 5/8", 2045'.

Well was shot with 120 qts. nitroglycerine in 50-Ft. Sand.

Well was shot with 20 qts. nitroglycerine in Fourth Sand.

All casing pulled but 925' of 10" casing.

2" tubing, 3300'.

Record from Mr. Blum 9-11-39.

Elevation..... 1375

	Top.	Bottom.
Mountain Sand	525	- 565
Mapletown (Sawtooth) Coal	825	- ...
Pittsburgh Coal	915	- ...
Murphy Sand	1000	- 1040
Little Dunkard Sand	1325	- 1360
Big Dunkard Sand	1475	- 1515
Gas Sand	1800	- ....
Salt Sand	1760	- 1870
Big Lime	2030	- 2100
Big Injun Sand	2100	- 2355
Thirty-foot Sand	2704	- 2731
Fifty-foot Sand (a little gas)	2883	- 2910
Gordon Stray Sand	2915	- ....
Gordon Sand	2948	- 2991
Fourth Sand	3016	- ....
Fifth Sand	3138	- shell
Limestone and shells	3348	- ....
Total depth		3300

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STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 51-00745, issued to CAMERON GAS COMPANY is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is RANDAL MICK -  
 304-986-3324.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit  
 Chief

By: T.M. Streit

Title: \_\_\_\_\_

Operator's Well No: J.J. DOWLER #1

Farm Name: BRON, HARMAN

API Well Number : 47- 51-00745 N

Date Issued : 07/09/93

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INSTRUCTIONS

39 50 4705100745P

1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.  
2) Designate the location of the well with the symbol(+).

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M: 0. 9 93

Permitting Office of Oil & Gas

+ 1.20 / 2.04

6,300 S

SEE ATTACHED PHOTO COPY

17585

80' 30'

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED [Signature]

TITLE Pres

J. J. (W.A.)  
DOWLER WELL #1  
DRILLED 1904-1916

DATE JULY 2, 1993

OPERATORS WELL NO. 1

API WELL NO. 051-745-N

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1345 WATER SHED                       
DISTRICT LIBERTY (4) COUNTY MARSHALL  
QUADRANGLE CAMERON 278 45 SE

SURFACE OWNER HARMAN BROWN ACREAGE                     

OIL & GAS ROYALTY OWNER RANDALL LEE DOWLER LEASE ACREAGE 1/16  
LEASE NO.                     

PRODUCING FORMATION FOURTH SAND g38<sup>0</sup> TOTAL DEPTH 3380'

WELL OPERATOR CAMERON GAS CO. DESIGNATED AGENT C.R. COLEMAN

ADDRESS 8 ADALINE AVE ADDRESS Same

CAMERON W.V. 26033

JUL 16 1993

05/28/2021

6-6

(024)



Chambers Run  
47-051-00745P



9.2 MI. TO PA. 18  
(NEW FREEPORT)  
463 N SW

06/28/2021



Dunkard F10

Well Shells		
Contacts		12'
13" casing		60'
Mountain Sand	525-565'	
Mephoban Coal	825'	
Pittsburgh Coal	915'	
Murphy Sand	1000-1040'	
10" casing 925' left in hole	1325'	
L. Dunkard	1325'-1360'	
B. "	1475-1515'	
Gas Sand	1600'	
Salt "	1760-1870'	
Big Lime	2030-2100'	
6 5/8 casing - 2045'		
Big Onyx	2100-2365'	
30" casing	2364-2731'	
5 1/2" casing	2883-2910'	
5" casing	2910'	
5" casing	2948-2991'	
Gordon	3016'	
4th sand shell	3138'	
5th "	3248'	
Lime Stone shells	3380'	
Total Depth		

20' 4 1/2"  
 4 1/2"  
 2 1/2" tubing  
 3380'

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Select County: (051) Marshall  (Check All)

Enter Permit #: 745

Location  Production  Plugging  
 Owner/Completion  Stratigraphy  Sample  
 Pay/Show/Water  Logs  Btm Hole Loc

Get Data Reset

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

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WV Geological & Economic Survey:

Well: County = 051 Permit = 745

Report Time: Monday, November 30, 2020 11:51:48 AM

Well Reassignment Information: Reassigned From

OLD_COUNTY	OLD_PERMIT	NEW_COUNTY	NEW_PERMIT
51	70058	51	745

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4705100745	Marshall	745	Liberty	Cameron	Cameron	39.816013	-80.538157	539528.5	4407438.8

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
4705100745	-/-1904	Original Loc	Completed	J J Dowler (W A Dowler)	1				Randall Lee Dowler	Wheeling Natural Gas Co., The			

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_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	TI_BEF	P_AFT	TI_AFT
4705100745	-/-1904	-/-	1345	Ground Level	Cameron	Hampshire Grp	Fifth	Development Well	Development Well	Gas	Cable Tool	Shot	3380			3380		0	0	0	0	0	0	0	0

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4705100745	-/-1904	Pay	Gas	Vertical	3016	Fourth	0	0	0	0	0	0	
4705100745	-/-1904	Pay	Gas	Vertical			2886	Fifty-foot	0	0	0	0	

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100745	Cameron Gas Co.	1988	1,810	306	265	272	260	9	3	2	1	3	163	258	268
4705100745	Cameron Gas Co.	1989	1,966	333	296	285	243	216	136	0	0	0	5	70	382
4705100745	Cameron Gas Co.	1990	2,039	305	340	190	265	250	219	4	2	5	7	221	231
4705100745	Cameron Gas Co.	1991	1,895	309	297	249	230	219	25	2	2	2	112	209	239
4705100745	----- unknown -----	1992	1,567	289	278	194	165	150	62	3	2	6	6	210	202
4705100745	Cameron Oil and Gas Co.	1993	1,555	237	408	159	166	67	4	2	2	2	76	145	287
4705100745	Cameron Gas Co.	1994	1,921	183	183	131	175	113	22	160	167	209	165	188	225
4705100745	Cameron Gas Co.	1995	1,914	215	151	176	168	148	135	138	131	130	182	176	164
4705100745	Coleman, C. R.	1996	1,702	147	142	134	130	132	160	151	159	153	132	138	124
4705100745	Mountaineer Gas Services, Inc.	1997	301	0	0	0	0	0	0	0	0	0	0	147	154
4705100745	Mountaineer Gas Services, Inc.	1998	3,398	151	136	141	129	135	142	492	455	525	460	308	324
4705100745	Mountaineer Gas Services, Inc.	1999	1,973	379	147	129	146	161	177	181	197	172	118	90	76
4705100745	Mountaineer Gas Services, Inc.	2000	1,156	71	119	135	65	67	73	77	88	146	91	118	106
4705100745	Mountaineer Gas Services, Inc.	2001	1,324	134	115	117	102	130	115	136	30	49	129	142	125
4705100745	Mountaineer Gas Services, Inc.	2002	1,589	135	115	128	110	140	120	163	146	164	138	112	117
4705100745	Mountaineer Gas Services, Inc.	2003	1,503	96	109	119	102	110	90	73	95	102	389	103	115
4705100745	Mountaineer Gas Services, Inc.	2004	1,426	109	93	115	76	77	161	156	151	132	135	110	111
4705100745	Mountaineer Gas Services, Inc.	2005	1,362	105	93	129	102	105	20	140	152	135	184	85	112
4705100745	Mountaineer Gas Services, Inc.	2006	1,529	116	105	125	109	153	129	137	153	139	145	116	102
4705100745	Mountaineer Gas Services, Inc.	2007	737	109	98	102	85	56	1	0	0	4	0	147	135
4705100745	Mountaineer Gas Services, LLC	2008	840	12	139	113	122	111	83	0	0	0	48	111	101
4705100745	Mountaineer Gas Services, LLC	2009	1,080	142	25	77	50	26	113	121	121	101	111	101	92
4705100745	Mountaineer Gas Services, LLC	2010	1,252	94	99	92	112	115	74	103	134	104	125	122	78
4705100745	Leatherwood, Inc.	2011	1,135	95	95	95	95	95	95	95	95	95	95	95	90
4705100745	Leatherwood, Inc.	2012	638	53	53	53	53	53	53	53	53	53	53	53	55
4705100745	Leatherwood, Inc.	2013	36	3	3	3	3	3	3	3	3	3	3	3	3
4705100745	Leatherwood, Inc.	2014	456	38	38	38	38	38	38	38	38	38	38	38	38
4705100745	Leatherwood, Inc.	2015	1,104	92	92	92	92	92	92	92	92	92	92	92	92
4705100745	Leatherwood, Inc.	2016	1,272	106	106	106	106	106	106	106	106	106	106	106	106
4705100745	Leatherwood, Inc.	2017	1,092	91	91	91	91	91	91	91	91	91	91	91	91
4705100745	Leatherwood, Inc.	2018	720	60	60	60	60	60	60	60	60	60	60	60	60
4705100745	Leatherwood, Inc.	2019	336	28	28	28	28	28	28	28	28	28	28	28	28

Production Oil Information: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100745	Cameron Gas Co.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Cameron Gas Co.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Cameron Gas Co.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Cameron Gas Co.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	----- unknown -----	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Cameron Oil and Gas Co.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Cameron Gas Co.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Cameron Gas Co.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Coleman, C. R.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Mountaineer Gas Services, Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Mountaineer Gas Services, Inc.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Mountaineer Gas Services, Inc.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Mountaineer Gas Services, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Mountaineer Gas Services, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100745	Mountaineer Gas Services, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0

4705100745P





4705100745P



# West Virginia Geological & Economic Survey

Pipeline-Plus About Interactive Mapping Oil&Gas Well Header Data Search "Pipeline" File Repositories Scanned Records Search Slabbed Core Photos

## Oil & Gas Well Header Data Search

API #: 4705100745	Well Type: <input type="text"/>
County: <input type="text"/>	Total Vertical Depth TVD(ft) >= <input type="text"/>
7.5 Minute Quad: <input type="text"/>	Completion Year = <input type="text"/>
Type of Log: <input type="text"/>	Operator at Completion (contains): <input type="text"/>
Log Bottom (ft) >= <input type="text"/>	Last Producing Operator (contains): <input type="text"/>
has Scanned Log(s): <input type="checkbox"/>	Surface Owner (contains): <input type="text"/>
has Digitized Log(s): <input type="checkbox"/>	Field Name (contains): <input type="text"/>
has Sample Desc Scan: <input type="checkbox"/>	Company Number (contains): <input type="text"/>
has Slabbed Core Photo(s): <input type="checkbox"/>	Mineral Owner (contains): <input type="text"/>
Horizontal/Deviated Well: <input type="checkbox"/>	
Results/Page: 100 <input type="text"/>	
Order By: API <input type="text"/>	
<input type="button" value="Search"/> <input type="button" value="Reset"/>	

Please enter or select criteria to perform database search. The application uses an "and" operator between search fields. Searches will not be performed if the required field criteria is not met. Error messages are indicated in RED.

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Office of Oil and Gas  
APR 21 2021  
WV Department of Environmental Protection

1 Records Found, showing page 1 of 1 at 100 records per page

API #	Pipeline	Map	ELog	DLog	Scans	County	DD Long	DD Lat	UTME	UTMN	7.5 Quad	Tax District	Logs	Log Btm	Suffix	Status	Comp Year	Well Type	Operator at Completion	Last Producing Operator	Surface Owner	Well #	Comp #	Mineral Owne	
4705100745	<a href="#">All Data</a>	<a href="#">View</a>			<a href="#">Scans</a>	Marshall	-80.538157	39.816013	539528.5	4407438.8	Cameron	Liberty				Original Location	Completed	1904	Gas	Wheeling Natural Gas Co., The	Leatherwood, Inc.	J J Dowler (W A Dowler)	1		Randall Lee Dow







WW-4A  
Revised 6-07

1) Date: DECEMBER 5, 2020  
2) Operator's Well Number M-1608  
3) API Well No.: 47 - 051 - 00745

**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>HARMEN E. BROWN ET UX (C/O RUTH E. RIGGLE)</u>	Name <u>WEST VIRGINIA LAND RESOURCES INC.</u>
Address <u>875 DRAGON HWY</u>	Address <u>1 BRIDGE STREET</u>
<u>CAMERON, WV 26033</u>	<u>MONONGAH, WV 26554</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
(c) Name _____	Address _____
Address _____	Name _____
Address _____	Address _____
6) Inspector <u>JAMES NICHOLSON</u> <i>B.S. 2-22-21</i>	(c) Coal Lessee with Declaration
Address <u>P.O. BOX 44</u> <i>Barry Stallings</i>	Name _____
<u>MOUNDSVILLE, WV 26041</u>	Address _____
Telephone <u>(304) 552-3874</u> <i>304-552-4194</i>	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	<u>WEST VIRGINIA LAND RESOURCES INC.</u>	RECEIVED
By:	<u>JAY HORES</u>	Office of Oil and Gas
Its:	<u>PROJECT ENGINEER</u>	APR 21 2021
Address	<u>6126 ENERGY ROAD</u>	WV Department of
	<u>MOUNDSVILLE, WV 26041</u>	Environmental Protection
Telephone	<u>(304) 843-3565</u>	

Subscribed and sworn before me this 18 day of February 2021  
*Christian K Warfield* Notary Public  
My Commission Expires June, 10 2024

**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).

4705100745P

7019 1120 0000 9580 4542

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

Certified Mail Fee: \_\_\_\_\_

Extra Services & Fees (check in applicable boxes)

<input type="checkbox"/> Return Receipt (hardcopy)	\$3.50
<input type="checkbox"/> Return Receipt (electronic)	\$3.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$3.00
<input type="checkbox"/> Adult Signature Required	\$3.00
<input type="checkbox"/> Adult Signature & Restricted Delivery	\$6.50

Postage: \_\_\_\_\_

Total Postage and Fees: \_\_\_\_\_

Sent to: **Ruth Brown** M-1608  
 Street or PO Box No. \_\_\_\_\_  
**875 Dragon HWY**  
 City, State, ZIP+4: **Cameron, WV 26003**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Ruth Brown**  
**875 Dragon HWY**  
**Cameron, WV 26003**



9590 9403 0971 5223 6791 14

2. Article Number (Transfer from service label)  
 7019 1120 0000 9580 4542

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: **[Signature]**  Agent  Addressee

B. Received by (Printed Name): **LEAR 3 C19**

C. Date of Delivery: **2/25/21**

D. Is delivery address different from item #?  Yes  No  
 If YES, enter delivery address below:

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Insured Mail	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	

PS Form 3811, July 2015 PSN 7530-02-000-9053 - M-1608 Domestic Return Receipt

RECEIVED  
 TIME OF DELIVERY  
 APR 21 2021  
 WV Postman  
 Charlemagne Programs

05/28/2021



OP-77 (04/19)

Record No. \_\_\_\_\_

State of West Virginia  
Department of Environmental Protection  
Charleston, WV 25301

This is to acknowledge that the well: API no. 47-051-00745

District Liberty

Well No M-1608 Farm name Harman Brown

Is hereby transferred from:

The transferor Company: Leatherwood, LLC

Code # 494523160 Address 1000 Consol Energy Drive, Suite 100, Canonsburg, PA 15317

To:

The transferee Company: WV Land Resources INC

Code # 494525178 Address 1 Bridge Street, Monongah, WV 26554

Pursuant to the requirement in 35 CSR 4 – 10.3.a.2., execution of this OP-77 form by the transferor and transferee below, shall serve as certification of the assignment or the transfer identified in 35 CSR 4 – 10.3.a.1.

Transfer approval shall be subject to the provisions in W. Va. Code §§ 22-6-26, 22-10-7 and 35 CSR 4 – 10.5, or as otherwise set forth by agreement with the Chief.

The transferee has registered and designated an agent on form OP-1, which is on file with the Office of Oil and Gas. The agent is:

Designated agent (name) David Roddy

Address: 1 Bridge Street, Monongah, WV 26554

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APR 21 2021  
WV Department of  
Environmental Protection

The transferee has bonded the said well by ( check one ):

Securities  Cash  Surety bond  Letter of credit

Identified by:

Amount:	<u>\$50,000</u>	Effective date :	<u>10/5/2020</u>
Issuing authority:	<u>Indemnity National Insurance Company</u>	Id. No:	<u>N-6000917</u>

Transferor: [Signature]  
By: Anthony M. Drezewski  
Its: Vice President

Taken, subscribed and sworn before me this 8 day of April 2021  
Notary Public [Signature]  
My Commission Expires 1/18/2024

Commonwealth of Pennsylvania - Notary Seal  
Christopher A. Rabbitt, Notary Public  
Washington County  
My commission expires January 18, 2024  
Commission number 1266666  
Member, Pennsylvania Association of Notaries

Transferee: West Virginia Land Resources, Inc  
By: [Signature]  
Its: Project Engineer

Taken, subscribed and sworn before me this 15th day of January 2021  
Notary Public [Signature]  
My Commission Expires June 10, 2024

OFFICIAL SEAL  
STATE OF WEST VIRGINIA  
NOTARY PUBLIC  
Christian K Warfield  
Murray American Energy Inc  
6126 Energy Road  
Moundsville WV 26041  
My Commission Expires June 10, 2024



4705100745P



© 2020 Google

Google Earth

Imagery Date: 10/5/2016 39°48'27.89" N 80°32'44.53" W elev 1295 ft eye alt 7499 ft



4705100745P



Find address or place



0 150 300ft  
-80.544 39.812 Degrees



4705100745

WW-9  
(5/16)

API Number 47 - 051 - 00745  
Operator's Well No. M-1608

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

Operator Name WEST VIRGINIA LAND RESOURCES INC. OP Code \_\_\_\_\_

Watershed (HUC 10) FOURMILE RUN OF HARTS RUN OF PENNSYLVANIA FORK OF FISH CREEK Quadrangle CAMERON WV,PA

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: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Tanks, see attached letter)

Will closed loop system be used? If so, describe: Yes. Gel circulated from tank thru well bore and returned to tank

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Gel or Cement

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

Additives to be used in drilling medium? Bentonite, Bicarbonate of Soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Shaker cutting buried on site.

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

-Landfill or offsite name/permit number? N/A

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 Jay Hores  
Company Official (Typed Name) Jay Hores  
Company Official Title Project Engineer

Subscribed and sworn before me this 18 day of February 2021, 20

Charles Warfield Notary

My commission expires June 10, 2024



**AMERICAN CONSOLIDATED NATURAL  
RESOURCES & WEST VIRGINIA LAND  
RESOURCES**

**AMERICAN CONSOLIDATED  
NATURAL RESOURCES & WEST  
VIRGINIA LAND RESOURCES**

46226 National Road  
St. Clairsville, OH 43950

phone: 304.843.3565

fax: 304.843.3546

e-mail: [JayHores@acnrinc.com](mailto:JayHores@acnrinc.com)

**JAY HORES**

Project Engineer

February 18, 2021

Department of Environmental Protection  
Office of Oil and Gas  
601-57<sup>th</sup> Street  
Charleston, WV 25320

To Whom It May Concern,

As per the Division of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company submits the following procedures utilizing pit waste.

Upon submitting a well work application (without a general permit for Oil & Gas Pit Waste Discharge Application), Consolidation Coal Company will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP facilities number U-0033-83, O-1001-00, U-1035-91U-46-84, U-78-83, O-1044-9, or U-100-83.

Sincerely,



Jay Hores  
Project Engineer

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APR 21 2021  
WV Department of  
Environmental Protection

05/28/2021



Operator's Well No. M-1408

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

Seed Mix in accordance with WVDEP Oil and Gas, Erosion and Sediment Control Field Manual

Seed Mix in accordance with WVDEP Oil and Gas, Erosion and Sediment Control Field Manual

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: \_\_\_\_\_

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

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Office of Oil and Gas

APR 21 2021

WV Department of  
Environmental Protection

Title: inspector

Date: 2-22-21

Field Reviewed? (  ) Yes (  ) No

N/A

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

Operator Name: WEST VIRGINIA LAND RESOURCES INC.

Watershed (HUC 10): FOURMILE RUN OF HARTS RUN OF PENNSYLVANIA FORK OF FISH CREEK Quad: CAMERON WV,PA

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.

[Empty response box for question 1]

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

[Empty response box for question 2]

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

[Empty response box for question 3]

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Office of Oil and Gas  
APR 21 2021  
WV Department of  
Environmental Protection

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

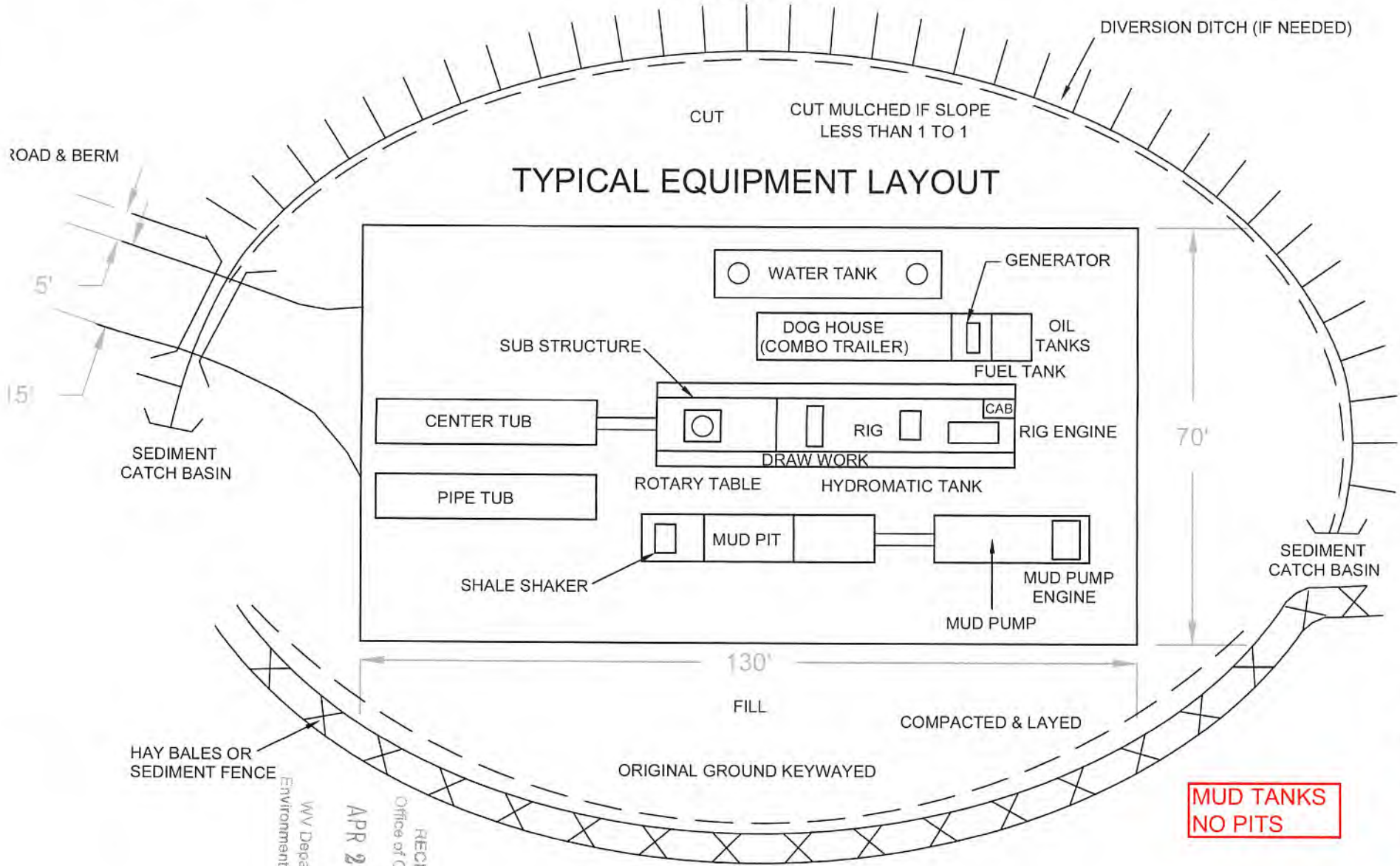
[Empty response box for question 4]

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



CONSOLIDATION COAL COMPANY  
NORTHERN WEST VIRGINIA  
OPERATIONS

### TYPICAL DRAWING OF WELL PLUGGING SITE PLAN



### TYPICAL EQUIPMENT LAYOUT

MUD TANKS  
NO PITS

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WV Department of  
Environmental Protection

4705100745P

N/A

[Empty rectangular box for response]

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

[Empty rectangular box for response]

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.

[Empty rectangular box for response]

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

APR 21 2021

[Empty rectangular box for response]

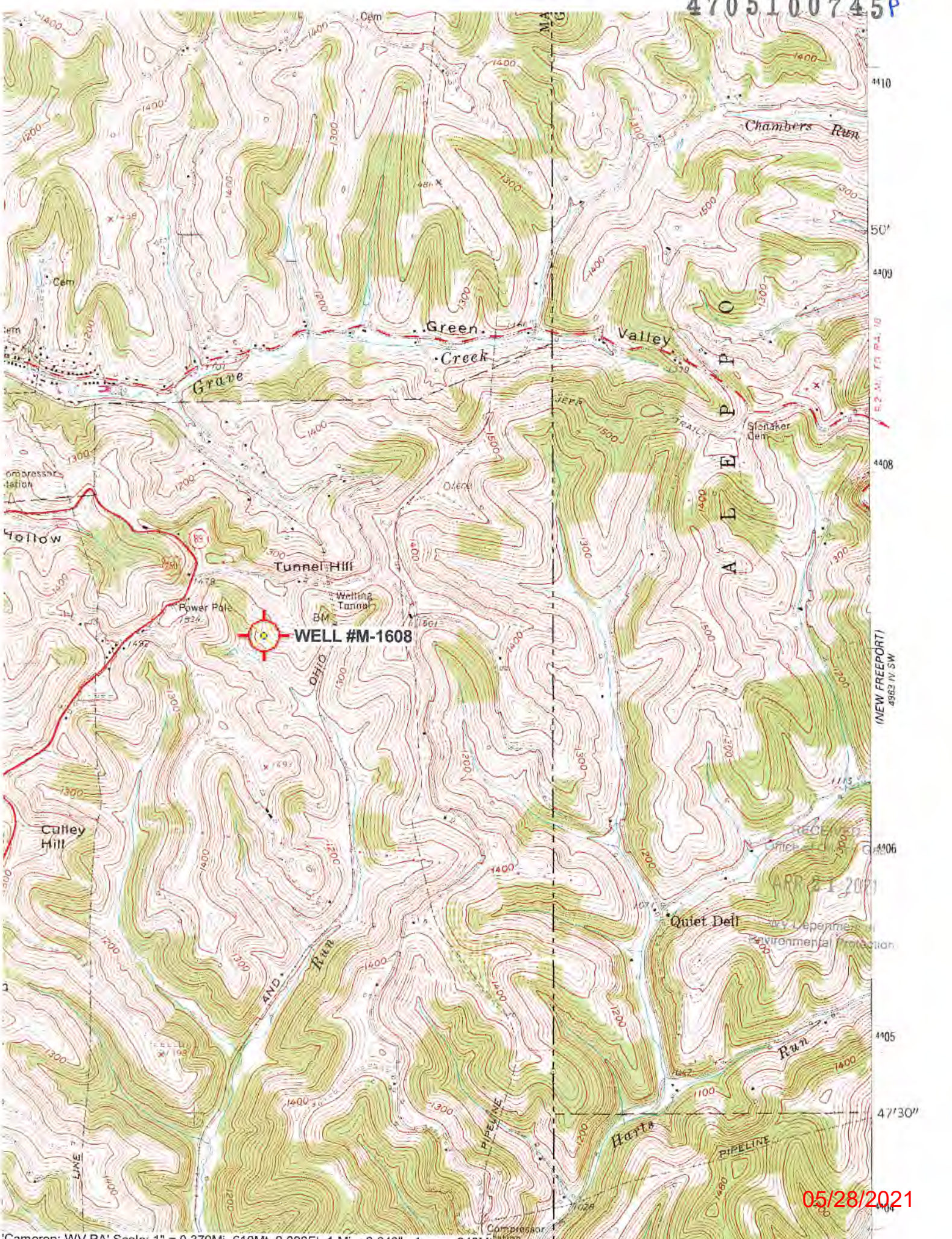
WV Department of  
Environmental Protection

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



4705100745P



'Cameron; WV,PA' Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640" , 1 cm = 240Mt

05/28/2021



WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-051-00745 WELL NO.: M-1608

FARM NAME: W. A. DOWLER

RESPONSIBLE PARTY NAME: WEST VIRGINIA LAND RESOURCES INC.

COUNTY: MARSHALL DISTRICT: LIBERTY

QUADRANGLE: CAMERON WV, PA

SURFACE OWNER: HARMEN E. BROWN ET UX.(C/O RUTH E. RIGGLE)

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4,407,256 m

UTM GPS EASTING: 539,624 m GPS ELEVATION: 403 m

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  : Post Processed Differential \_\_\_\_\_

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.

Signature

Professional Surveyor

Title

DECEMBER 5, 2020

Date

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WV Department of  
Environmental Protection

05/28/2021



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Office of Oil & Gas  
FEB 14 2011

Record No. \_\_\_\_\_

State of West Virginia  
Department of Environmental Protection  
Charleston, WV 25301

This is to acknowledge that the well: API no. 4705100745

District \_\_\_\_\_

Well No DOWLER 1 Farm name BROWN, HARMAN

Is hereby transferred from:

The transferor Company: Mountaineer Gas Services, LLC

Code # 309421 Address 4700 MacCorkle Ave., S.E., Charleston, WV 25304

To:

The transferee Leatherwood, Inc.

Code # 494476721 Address CNX Center, 1000 CONSOL Energy Drive, Canonsburg, PA 15317

Transfer approval and responsibility for any noncompliance matter not resolved in this document will be addressed in the thirty day circular that will be issued after review of your application for transfer, or as otherwise set forth by agreement with the Chief.

If this well has been out of production for the period in excess of 12 months, the transferee agrees to bring the well into compliance by producing or plugging within 120 days of approval of the application. X Yes    No

The transferee has registered and designated an agent on form OP-1, which is on file with the Office of Oil and Gas. The agent is:

Designated agent (name) Seth Wilson

Address: 1000 Consol Energy Drive, Canonsburg, PA 15317-6505

The transferee has bonded the said well by ( check one ):

Securities  Cash  Surety bond  Letter of credit

Identified by:

Amount:	Fifty Thousand and 00/000 Dollars - (\$50,000.00)	Effective date :	December 7, 2005
Issuing authority:	Travelers Casualty and Surety Company of America	Id. No:	104647099



OFFICIAL SEAL  
STATE OF WEST VIRGINIA  
NOTARY PUBLIC  
Diane Larch  
P.O. Box 651  
Sutton, WV 26601  
My Commission Exp. Aug. 4, 2019

Transferor: Mountaineer Gas Services, LLC

By: Marc G. Watkins Marc G. Watkins  
Its: Vice President of Operations

Taken, subscribed and sworn before me this 28 day of December 2010

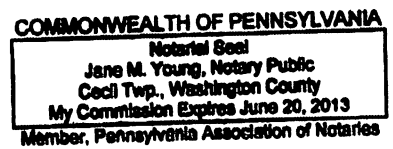
Notary Public Diane Larch  
My Commission Expires Aug. 4, 2019

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Office of Oil and Gas  
APR 21 2021  
WV Department of Environmental Protection

Transferee:

By: Seth Wilson Gerald W. Ramsburg  
Its: Agent Manager Seth Wilson

Taken, subscribed and sworn before me this 5 day of JANUARY 2011  
Notary Public Jane M. Young  
My Commission Expires \_\_\_\_\_



OP-77 (9-97)

Record No. 43078

State of West Virginia  
Division of Environmental Protection  
Nitro, WV 25143

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Office of Oil and Gas  
DEC 11 1997

This is to acknowledge that the well: API no. 47-051-745N

District Liberty District

Well No W.A. Dowler #1 Farm name Harman Brown

Is hereby transferred from:

The transferor Company: Cameron Gas Company (C. Richard Coleman)

Code # 10320 Address 509 Morton Avenue, Moundsville, West Virginia 26041

To:

The transferee Company: Mountaineer Gas Services, Inc.

Code # 33845 Address P.O. Box 1869, Charleston, West Virginia

Transfer approval and responsibility for any noncompliance matter will be addressed in the thirty day circular that will be issued after review of your application for transfer, or as otherwise set forth by agreement with the Chief.

The transferee has registered and designated an agent on form OP-1, which is on file with the Office of Oil and Gas. The agent is:

Designated agent (name) Danny Chandler

Address: P.O. Box 1869, Charleston, West Virginia

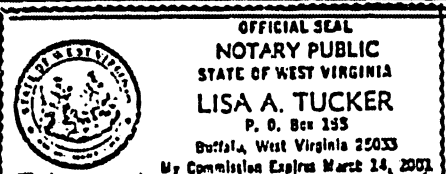
The transferee has bonded the said well by ( check one ):

Securities  Cash  Surety bond  Letter of credit

Identified by:

Amount: 50,000.00 Effective date: 01/23/93

Issuing authority: Reliance Insurance Company Id. No: B2373219



Transferee: Mountaineer Gas Services, Inc.

By: Danny Chandler  
Its: Manager

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Office of Oil and Gas

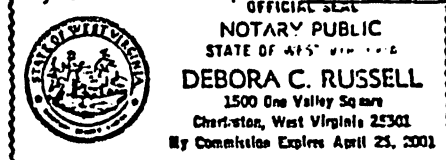
Taken, subscribed and sworn before me this 29th day of October 1997

APR 21 2021

Notary Public Lisa A. Tucker

WV Department of Environmental Protection

My Commission Expires March 14, 2001



Transferor: Cameron Gas Company

By: C. Richard Coleman  
Its: President

Taken, subscribed and sworn before me this 3rd day of November 1997

Notary Public Debora C. Russell

My Commission Expires April 25, 2001

05/28/2021

97