



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

Monday, May 24, 2021
WELL WORK PLUGGING PERMIT
Not Available Plugging

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

Re: Permit approval for W. A. DOWLER 3
47-051-00747-00-00

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: W. A. DOWLER 3
Farm Name: BROWN, HARMAN
U.S. WELL NUMBER: 47-051-00747-00-00
Not Available Plugging
Date Issued: 5/24/2021

H

4705100747P

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.

05/28/2021

1) Date NOVEMBER 1 , 20 20
2) Operator's Well No. M-1607
3) API Well No. 47-051-00747

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 1306.01' 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 Name JAMES NICHOLSON 9) Plugging Contractor Name Barry Stollings
Address P.O. BOX 44 Address 2-22-21
MOUNDSVILLE, WV 26041

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

See Exhibit No. 1

MSHA 101C PETITION

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of
Environmental Protection

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

Work order approved by inspector Jim Nicholson Date 11/17/2020

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 ^{of 3350'} 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

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of
Environmental Protection

05/28/2021

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).

RECEIVED
Office of Oil and Gas

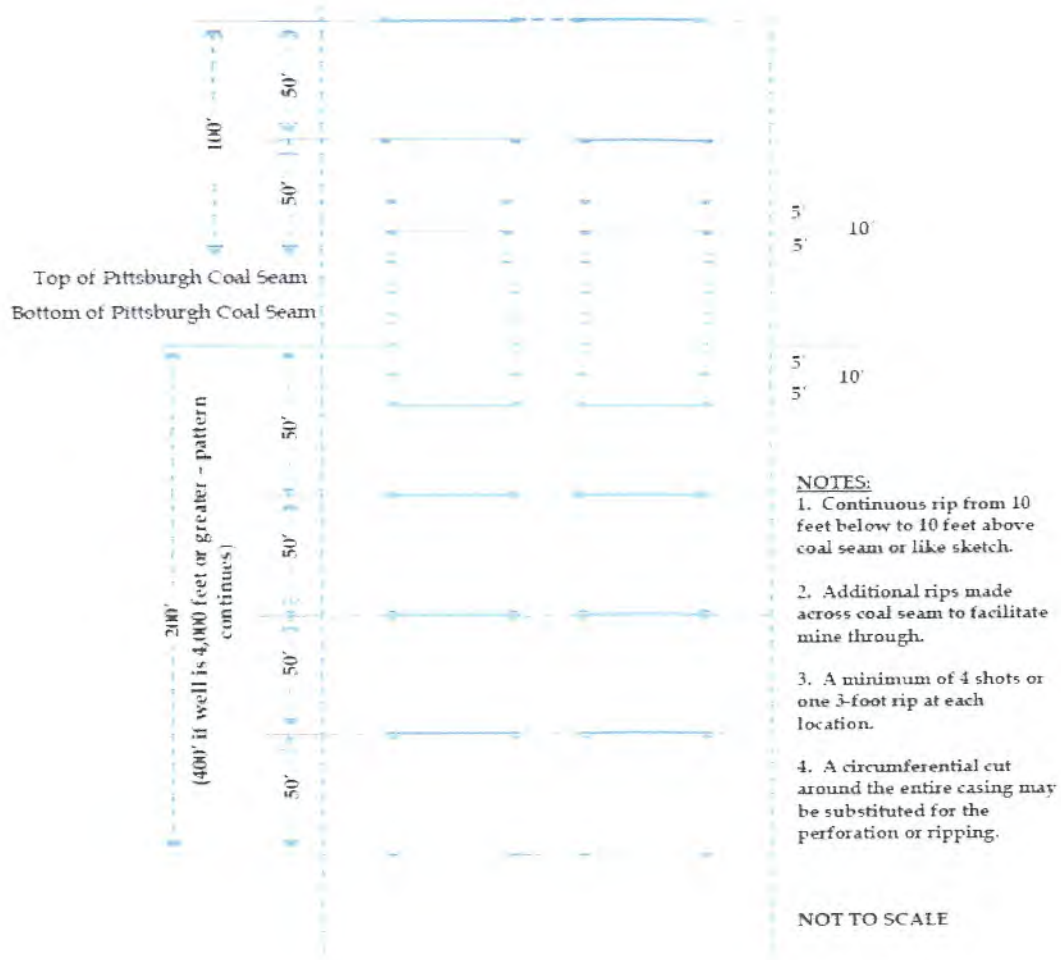
APR 22 2021

WV Department of
Environmental Protection

05/28/2021

- 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



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

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of Environmental Protection 05/28/2021

W. R. Jordan #3

47051007479
1930-33

	Top	Bottom	
Natural Coal	487	- 490	
"	562	- 565	
Waynesburg Coal	630	- 634	
Wheeler " "	715	- 820	
Pittsburgh " "	926	- 931	Steel line measurement
Murphy Sand	1000	- 1040	
Sand (Hard)	1260	- 1280	
Little Newark	1340	- 1375	
Bay	1460	- 1520	
Gas Sand	1605	- 1638	3047
1st Salt	1770	- 1782	57
2nd " "	1865	- 1865	2980
3rd " "	1910	- 1970	2879
Maxon " (Shell)	2000	- 2010	111
Big Lime	2040	- 2089	2990
P. Dryum	2089	- 2337	47
Blank	2195	- 2200	19
30 Foot Sand	2690	- 2705	
Pink Rock	2790	- 2850	
50 Foot Sand	2876	- 2911	Shaft 2979 - Steel line means 3/10 thru 2"
Gordon Stray	2925	- 2935	
Gordon P.	2940	- 2951	
4th Sand	3013	- 3023	Shaft 3018 - Steel line 3/10 thru 2"

(Well drilled to 3350) TOTAL DEPTH (3047)

- 70 Sand - (Shell)
- 10" - Pipe in Well - 365' - Pulled out 1933
- 8 1/4" - " " " - 1354' - Left in well
- 6 5/8" - " " " - 2043 - " " "
- 3" Tubing " " - 3039' - 162 joints, tubing was not the average length of 20 feet, just a few ft., most of tub. coming from 18ft. to 19ft. in length

R Hook Well packer was used and set at 2300 in Dryum Sand

2921
2876
45

737' below packer

4705100747
 051749 (171)

W..A. DOWLER

No. 3

Liberty

DISTRICT, MARSHALL COUNTY, W. VA.

By Cameron Heat & Light Co.

Total depth 3350

Elevation 1325

Completed	Abandoned				Production		Gas		
	Sand.	Top.	Bottom.	Thick-ness.	Eleva-tion.	Intervals from Pgh. C.	B. I. Sand	Pays Ft. in Sand.	Thick-ness.
Pittsburgh Coal	926	931	5	399	0	1163			
Minshall	1000	1040	40	325	74	1089			
Murphy									
Moundsville	1260	1280	20	65	334	829			
1 C. R., Lt. Dunk.	1340	1375	35	-15	414	749			
Big Dunkard +	1460	1520	60	135	534	629			
Burning Springs									
Gas									
Lower Gas	1605	1638	33	280	679	484			
Second Cow Run									
1st Salt	1770	1782	12	445	844	319			
2nd Salt	1855	1865	10	530	929	234			
3rd Salt	1910	1970	60	585	984	179			
Maxton shell	2000	2010	10	675	1074	89			
Big Lime	2040	2089	49	715	1114	49			
Keener									
Big Injun	2089	2337	248	764	1163	0 (break, 2195-2200)			
Berea	2690	2705	15	1365	1764	601			
Gantz									
50-Foot Pink rock	2790	2850	60	1465	1864	701			
30-Foot	2876	2911	35	1551	1950	787	3' gas, 2879'; 3/10		
Gordon Stray	2925	2935	10	1600	1999	836			
Gordon	2940	2981	41	1615	2014	851			
Fourth	3013	3023	10	1688	2087	914	5' gas, 3018'; 2/10 in 2"		
Fifth									
Sixth									
Speechley									

RECEIVED
 Office of Oil and Gas

APR 22 2021

WV Department of
 Environmental Protection

05/28/2021

RECEIVED
Office of Oil and Gas
APR 22 2021
Department of
Environmental Protection

~~_____~~

After well was filled out with gas pressure
not enough to fill well. Working on it.
Outside gas coming in.

Upon flow - 27,025 m³ - 27,025 m³ - 27,025 m³

4th Sand - Shell - 1-5-20 (20 gts)
Top of shell - 3017
Bottom of shell - 3012

50' Sand - Shell - 2-5-20 (40 gts)
Top of shell - 2879.6
Bottom - 2885.6

Well was shut by 1st & 2nd. Heavy water
pressure - on bottom 1328 + 1474 - 1932

Well was drilled with temporary logs, finished
in year 1930, well gas flow 6" long, well gas flow 113
water it was closed out with temporary logs &
water. 1st & 2nd. Heavy water pressure.

W.D. R. 3

4705100747D
115

05/28/2021

4705100747

4705100747

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

WELL REGISTER ASSIGNMENT

This API Number 47- 51-00747, 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: 

Title: _____

Operator's Well No: W.A. DOWLER #3

Farm Name: BROWN, HARMAN

API Well Number : 47- 51-00747 N

Date Issued : 07/09/93

05/28/2021

Liberty
District, Marshall County, W. Va.
 By Cameron Heat & Light Co.

1930-33.

Well drilled to 3350'. Bridged to 3047'.
 10" pipe, 365 (Pulled out, 1933); 8 1/2", 1354' (left in); 6 5/8", 2043'
 (left in); 3" tubing, 3039', 162 joints; tubing was not the
 average length of 20 feet, just a few joints, most of tubing
 running from 18 ft. to 19 ft. in length.

A hook-wall packer was used and set at 2300' in Injun Sand; 737' below
 packer.

Elevation..... 1325

Record from Mr. Straub 9-11-39.

	Top.	Bottom.
Native coal	487	490
Native coal	562	565
Waynesburg Coal	630	634
Mapletown (Sewickley) Coal	815	820
Pittsburgh Coal (SIM)	926	931
Murphy Sand	1000	1010
Sand, hard	1260	1280
Little Dunkard Sand	1340	1375
Big Dunkard Sand	1460	1520
Gas Sand	1605	1638
1st Salt Sand	1770	1782
2nd Salt Sand	1855	1865
3rd Salt Sand	1910	1970
Merton Sand (shell)	2000	2010
Big Lime	2040	2089
Big Injun Sand (break, 2195-2200')	2089	2337
30-Ft. ? Sand	2690	2705
Pink rock	2790	2850
50-Ft. Sand (gas at 2879'; SIM; 3/10 through 2")	2876	2911
Gordon Stray Sand	2925	2935
Gordon Sand	2940	2981
4th Sand (gas at 3018'; SIM; 2/10 through 2")	3013	3023
Total depth (No sand--shell)		3350
Bridged to		3047

4705100747

051 747

DOWLER NO. 3

Native Coal	487-490	
Coal	562-565	
Waynesburg Coal	650-656	
Mapletown Coal	815-820	
Pittsburg Coal	925-931	Steel Line
Murphy Sand	1000-1040	
Hard Sand	1250-1260	
Little Dunkard	1500-1575	
Big Dunkard	1400-1550	
Gas Sand	1600-1650	
1st Salt Sand	1770-1785	
2nd Salt Sand	1800-1860	
Third	1910-1970	
Maxin Sand - shell	2000-2010	
Big Lime	2040-2080	
Big Injun	2080-2200	
Break	2200-2200	
Thirty Foot	2400-2700	
Pink Rock	2700-2800	
Fifty Foot	2870-2911	
Gas	2870	5 feet in sand steel line
Gordon Stray	2920-2950	
Gordon	2940-2981	
Fourth Sand	3010-3020	Gas 5 feet in sand
Gas	3010	
Total depth	3550	

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of
Environmental Protection

05/28/2021



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 #: 4705100747	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"/>	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.
Order By: API <input type="text"/>	
<input type="button" value="Search"/> <input type="button" value="Reset"/>	

2 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 Owner	Unit/Lease Name	L #
4705100747	All Data	View			Scans	Marshall	-80.533831	39.815433	539899	4407376.3	Cameron	Liberty			Worked Over	Permitted		Gas	Cameron Gas Co.	Leatherwood, Inc.	Harman Brown	3		Randall Lee Dowler	W A Dowler	
4705100747	All Data	View			Scans	Marshall	-80.533831	39.815433	539899	4407376.3	Cameron	Liberty			Original Location	Completed	1933	Gas	Cameron Heat & Light	Leatherwood, Inc.	W A Dowler	3		Randall L Dowler		

RECEIVED
 Office of Oil and Gas
 APR 22 2021
 WV Department of
 Environmental Protection

4705100747P



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

Enter Permit #: 747

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

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

WV Geological & Economic Survey:

Well: County = 051 Permit = 747

Report Time: Sunday, November 01, 2020 5:11:46 AM

Well Reassignment Information: Reassigned From

OLD_COUNTY	OLD_PERMIT	NEW_COUNTY	NEW_PERMIT
51	70060	51	747

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4705100747	Marshall	747	Liberty	Cameron	Cameron	39.815433	-80.533831	539899	4407376.3

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
4705100747	-/-/1933		Original Loc	Completed	W A Dowler	3			Randall L Dowler	Cameron Heat & Light			
4705100747	-/-/		Worked Over	Permitted	Harman Brown	3	W A Dowler		Randall Lee Dowler	Cameron Gas Co.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	TI_BEF	P_AFT	TI_AFT	BI
4705100747	-/-/1933	-/-/1930	1325	Ground Level	Cameron	Hampshire Grp	Fourth	Development Well	Development Well	Gas	Cable Tool	Shot	3350		3350		0	0	0	0			0	0	0	0	
4705100747	-/-/	-/-/	1325	Ground Level			Fourth			Gas	unknown	unknown	3350														

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
4705100747	-/-/1933	Pay	Gas	Vertical			2879	Fifty-foot	0	0			
4705100747	-/-/1933	Pay	Gas	Vertical			3018	Fourth	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
4705100747	Cameron Gas Co.	1988	1,810	306	265	272	260	9	3	2	1	3	163	258	268
4705100747	Cameron Gas Co.	1989	1,966	333	296	285	243	216	136	0	0	0	5	70	382
4705100747	Cameron Gas Co.	1990	2,039	305	340	190	265	250	219	4	2	5	7	221	231
4705100747	Cameron Gas Co.	1991	1,895	309	297	249	230	219	25	2	2	2	112	209	239
4705100747	----- unknown -----	1992	1,567	289	278	194	165	150	62	3	2	6	6	210	202
4705100747	Cameron Oil and Gas Co.	1993	1,560	237	409	160	166	68	3	2	2	2	77	146	288
4705100747	Cameron Gas Co.	1994	1,926	184	183	131	175	113	22	161	168	210	165	189	225
4705100747	Cameron Gas Co.	1995	1,921	216	152	177	168	149	135	139	132	130	183	176	164
4705100747	Coleman, C. R.	1996	1,696	148	141	133	129	131	158	151	160	152	131	138	124
4705100747	Mountaineer Gas Services, Inc.	1997	302	0	0	0	0	0	0	0	0	0	0	148	154
4705100747	Mountaineer Gas Services, Inc.	1998	833	151	136	141	128	135	143	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	1999	1,598	0	147	129	146	161	178	162	198	172	118	90	77
4705100747	Mountaineer Gas Services, Inc.	2000	1,158	71	119	136	64	68	73	77	88	146	92	118	106
4705100747	Mountaineer Gas Services, Inc.	2001	1,326	134	115	118	102	131	115	136	30	49	129	142	125
4705100747	Mountaineer Gas Services, Inc.	2002	1,589	136	115	128	110	140	119	163	146	184	139	112	117
4705100747	Mountaineer Gas Services, Inc.	2003	1,115	95	109	119	102	110	90	74	95	102	0	103	115
4705100747	Mountaineer Gas Services, Inc.	2004	1,428	109	83	115	77	161	156	151	132	135	110	112	
4705100747	Mountaineer Gas Services, Inc.	2005	1,360	105	83	129	102	104	19	139	152	136	185	85	111
4705100747	Mountaineer Gas Services, Inc.	2006	1,530	116	106	125	108	154	129	138	152	138	146	116	102
4705100747	Mountaineer Gas Services, Inc.	2007	736	108	98	102	85	57	0	0	3	0	147	136	
4705100747	Mountaineer Gas Services, LLC	2008	641	13	138	114	121	112	82	0	0	0	49	111	101
4705100747	Mountaineer Gas Services, LLC	2009	1,083	142	26	76	51	25	112	122	121	102	111	103	92
4705100747	Mountaineer Gas Services, LLC	2010	1,254	94	99	92	113	115	74	104	134	104	125	122	78
4705100747	Leatherwood, Inc.	2011	1,135	95	95	95	95	95	95	95	95	95	95	95	90
4705100747	Leatherwood, Inc.	2012	638	53	53	53	53	53	53	53	53	53	53	53	55
4705100747	Leatherwood, Inc.	2013	36	3	3	3	3	3	3	3	3	3	3	3	3
4705100747	Leatherwood, Inc.	2014	456	38	38	38	38	38	38	38	38	38	38	38	38
4705100747	Leatherwood, Inc.	2015	1,104	92	92	92	92	92	92	92	92	92	92	92	92
4705100747	Leatherwood, Inc.	2016	1,272	106	106	106	106	106	106	106	106	106	106	106	106
4705100747	Leatherwood, Inc.	2017	1,092	91	91	91	91	91	91	91	91	91	91	91	91
4705100747	Leatherwood, Inc.	2018	720	60	60	60	60	60	60	60	60	60	60	60	60
4705100747	Leatherwood, Inc.	2019	335	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
4705100747	Cameron Gas Co.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Cameron Gas Co.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Cameron Gas Co.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Cameron Gas Co.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	----- unknown -----	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Cameron Oil and Gas Co.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Cameron Gas Co.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Cameron Gas Co.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Coleman, C. R.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0

RECEIVED
 Office of Oil and Gas
 APR 22 2021
 WV Department of
 Environmental Protection

4705100747

4705100747	Mountaineer Gas Services, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, Inc.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, LLC	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, LLC	2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Mountaineer Gas Services, LLC	2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100747	Leatherwood, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100747	Leatherwood, Inc.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100747	Leatherwood, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Stratigraphy data for this well

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

INSTRUCTIONS

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 (+).

RECEIVED

Office of Environmental Protection

11 0 9 93

Oil & Gas

+

SEE ATTACHED PHOTO COPY

17587

6,400'S

39 50 30

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

SIGNED C. R. Coleman

TITLE Surveyor

W.A.
DOWLER WELL #3
Drilled 1930

DATE July 2, 1993

OPERATORS WELL NO. _____

API WELL NO. 051-747-N

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

RECEIVED
Office of Oil and Gas

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

APR 22 2021

LOCATION: ELEVATION 1335 WATER SHEED _____
DISTRICT LIAISON COUNTY MARSHALL
QUADRANGLE Campan 229

WV Department of Environmental Protection

SURFACE OWNER HAROLD RANDALL ACREAGE _____

OIL & GAS ROYALTY OWNER RANDALL LEE DOWLER LEASE ACREAGE 116.
LEASE NO. _____

PRODUCING FORMATION FOURTH SAND 3350 TOTAL DEPTH 3350

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

ADDRESS 8 ADALINE AVE ADDRESS Sp...

CAMPBELL W.V. 26033

INSTRUCTIONS

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 (+).

RECEIVED

Office of Environmental Protection

11 0 9 93

Permitting
Oil & Gas

+

SEE ATTACHED PHOTO COPY

17587

6 400 S

39° 52' 30"

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

SIGNED [Signature]

TITLE [Signature]

W.A.
DOWLER WELL # 3
Drilled 1930

DATE July 2, 19 93

OPERATORS WELL NO. _____

API WELL NO. 051-747-N

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(i.e. "GAS" PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____)

LOCATION: ELEVATION 1325 WATER SHED _____
DISTRICT LIBERTY COUNTY MARSHALL
QUADRANGLE Cameron 778

SURFACE OWNER HARMAW BROWN ACREAGE _____

OIL & GAS ROYALTY OWNER RANDALL LEE DOWLER LEASE ACREAGE 116
LEASE NO. _____

PRODUCING FORMATION FOURTH SAND 335° TOTAL DEPTH 335

WELL OPERATOR CAMERON GAS CO. DESIGNATED AGENT C. R. [Signature]

ADDRESS 8 ADALINE AVE ADDRESS [Signature]

CAMERON WV 26033

Office of Oil and Gas

APR 22 2021

Department of Environmental Protection

4705100747P

WW-4A
Revised 6-07

1) Date: NOVEMBER 1, 2020
2) Operator's Well Number M-1607
3) API Well No.: 47 - 051 - 00747

**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 <i>Barry Stollings</i></u>	(c) Coal Lessee with Declaration
Address <u>P.O. BOX 44 <i>2-22-21</i></u>	Name _____
<u>MOUNDSVILLE, WV 26041</u>	Address _____
Telephone <u>(304) 552-3874 <i>304-552-4194</i></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 WEST VIRGINIA LAND RESOURCES INC.
 By: JAY HORES
 Its: PROJECT ENGINEER
 Address 6126 ENERGY ROAD
MOUNDSVILLE, WV 26041
 Telephone (304) 843-3565



Subscribed and sworn before me this 16 day of November 2020
Christian K. Warfield Notary Public
 My Commission Expires June 10, 2024

RECEIVED
Office of Oil and Gas
APR 22 2021
WV Department of
Environmental Protection

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.

05/28/2021

4705100747 P

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

For delivery information, visit our website at www.usps.com®

Postmark Here

Return Receipt (hardcopy)

Return Receipt (electronic)

Certified Mail Restricted Delivery

Adult Signature Required

Adult Signature Restricted Delivery

Postage

Total Postage and Fees

Street **Ruth Riggle M-1607**

Street Address, Apt. No., Box No., PO Box No. **875 Dragon HWY M-1777**

City, State, ZIP+4® **Cameron, WV 26033 M-1779**

PS Form 3800, April 2015 PSN 7530-02-000-9053 See Reverse for Instructions

7019 1120 0000 9580 4405

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 Riggle
875 Dragon HWY
Cameron, WV 26033



2. Article Number (Transfer from service label)
7019 1120 0000 9580 4405

PS Form 3811, July 2015 PSN 7530-02-000-9053

M-1777 M-1779

M-1607

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) **LEA R3 C19** C. Date of Delivery **11/19/20**

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below: Yes No

3. Service Type

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Collect on Delivery Restricted Delivery

Insured Mail

Insured Mail Restricted Delivery (over \$500)

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

RECEIVED
Office of Oil and Gas
NOV 22 2021

05/28/2021

4705100747P

WW-9
(5/16)

API Number 47 - 051 - 00747
Operator's Well No. M-1607

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.

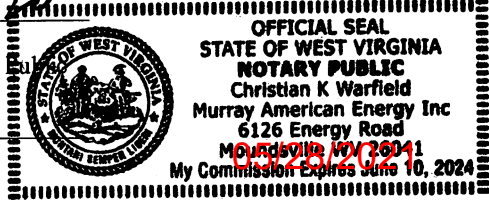
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 ~~severe~~ 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

APR 22 2021
WV Department of
Environmental Protection

Subscribed and sworn before me this 16 day of November, 2020
Christian K. Warfield Notary Public
My commission expires June 10, 2024



4705100747A

**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

JAY HORES

Project Engineer

November 16, 2020

Department of Environmental Protection
Office of Oil and Gas
601-57th 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

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of
Environmental Protection

05/28/2021

Operator's Well No. M-1607

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: Jim Nicholson B.S.

Comments: _____

Title: Oil & Gas Inspector Date: 11/17/2020 1-22-21

Field Reviewed? () Yes () No

RECEIVED
Office of Oil and Gas
APR 22 2021
WV Department of
Environmental Protection
05/28/2021

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.

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

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

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

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

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of Environmental Protection 05/28/2021

N/A

6. Provide a statement that 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.

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

Signature: _____

Date: _____

RECEIVED
Office of Oil and Gas

APR 22 2021

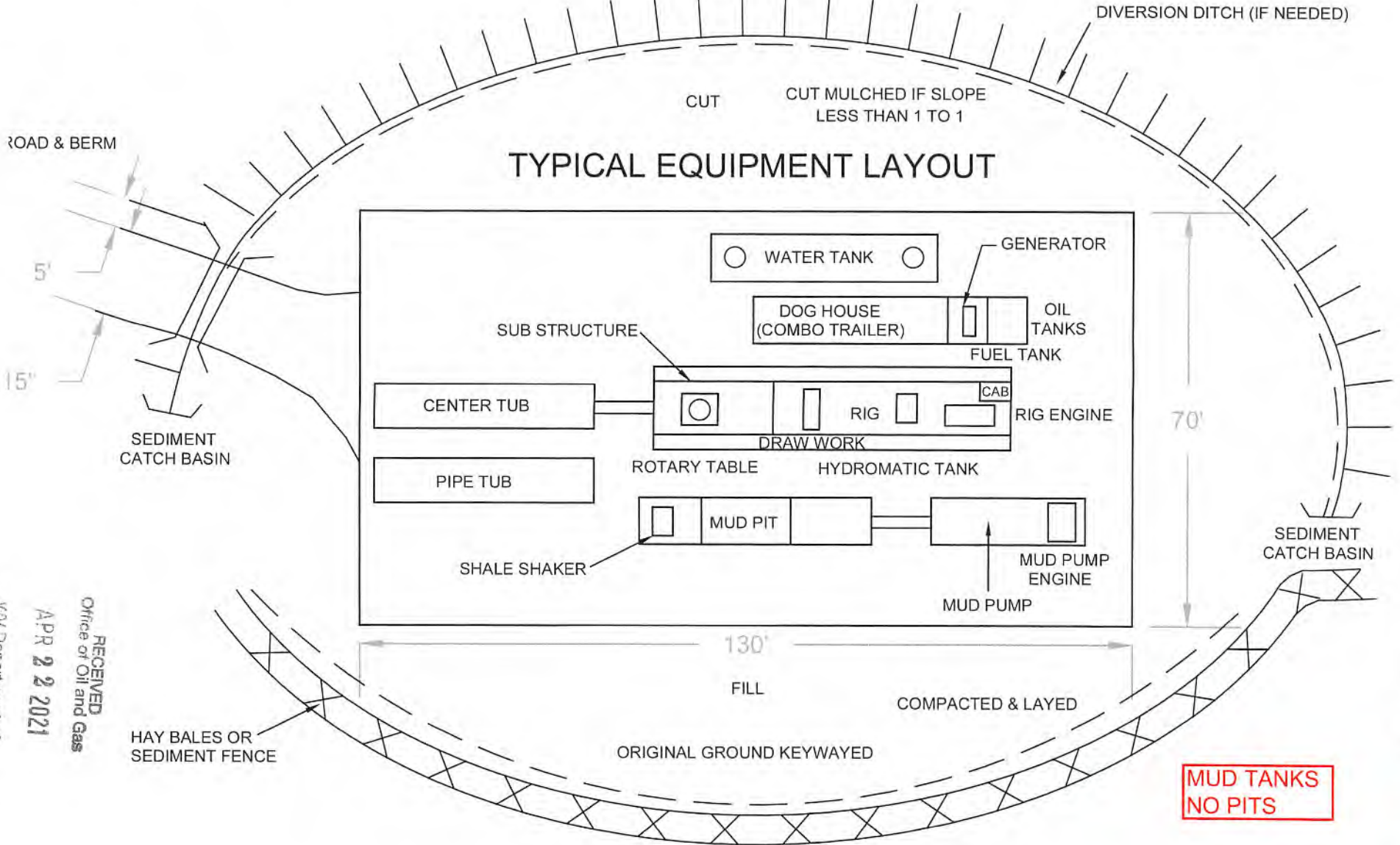
WV Department of
Environmental Protection

05/28/2021

CONSOLIDATION COAL COMPANY
NORTHERN WEST VIRGINIA
OPERATIONS

TYPICAL DRAWING OF WELL PLUGGING SITE PLAN

TYPICAL EQUIPMENT LAYOUT



RECEIVED
Office of Oil and Gas
APR 22 2021
WV Department of
Environmental Protection

4705100747P

Find address or place

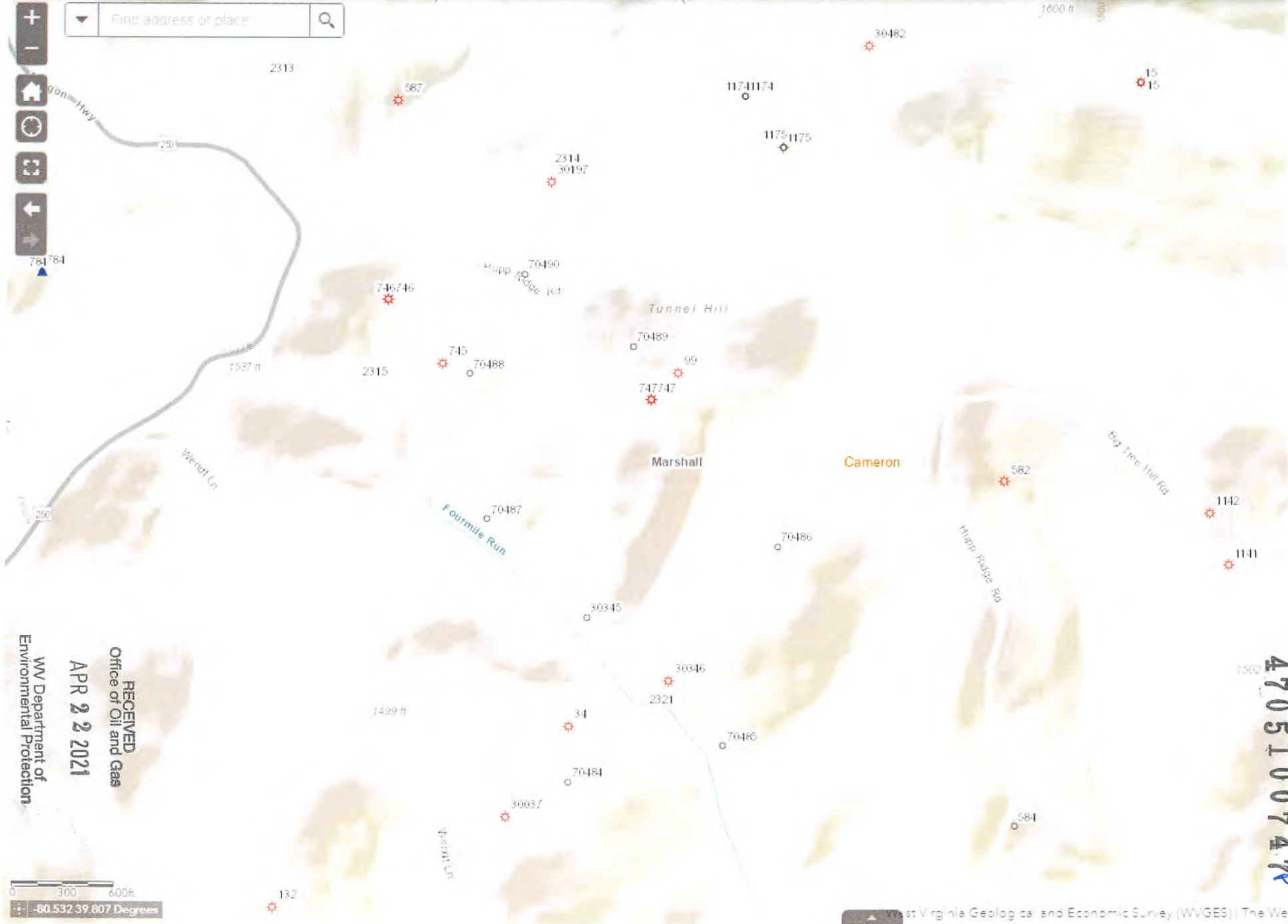


RECEIVED
Office of Oil and Gas
APR 22 2021
WV Department of
Environmental Protection

0 500 1000
80.545 39.808 Degrees

4205100747P

Find address or place



RECEIVED
Office of Oil and Gas
APR 22 2021
WV Department of
Environmental Protection

47051007478

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-051-00747 WELL NO.: M-1607

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: 4,407,111 m

UTM GPS EASTING: 539,838 m GPS ELEVATION: 398 m (1305')

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.

Signature

Professional Surveyor

Title

NOVEMBER 1, 2020

Date

RECEIVED
Office of Oil and Gas
APR 22 2021
WV Department of
Environmental Protection

05/28/2021

47051007 2107 P

Chamber's Run

Valley

Green Creek

Grate

A L E P P O

Shaker Run

Tunnel Hill

WELL #M-1607

Calley Hill

Run

Run

Run

PIPELINE

Run

LINE

(NEW FREEPORT)
4963 IV SW

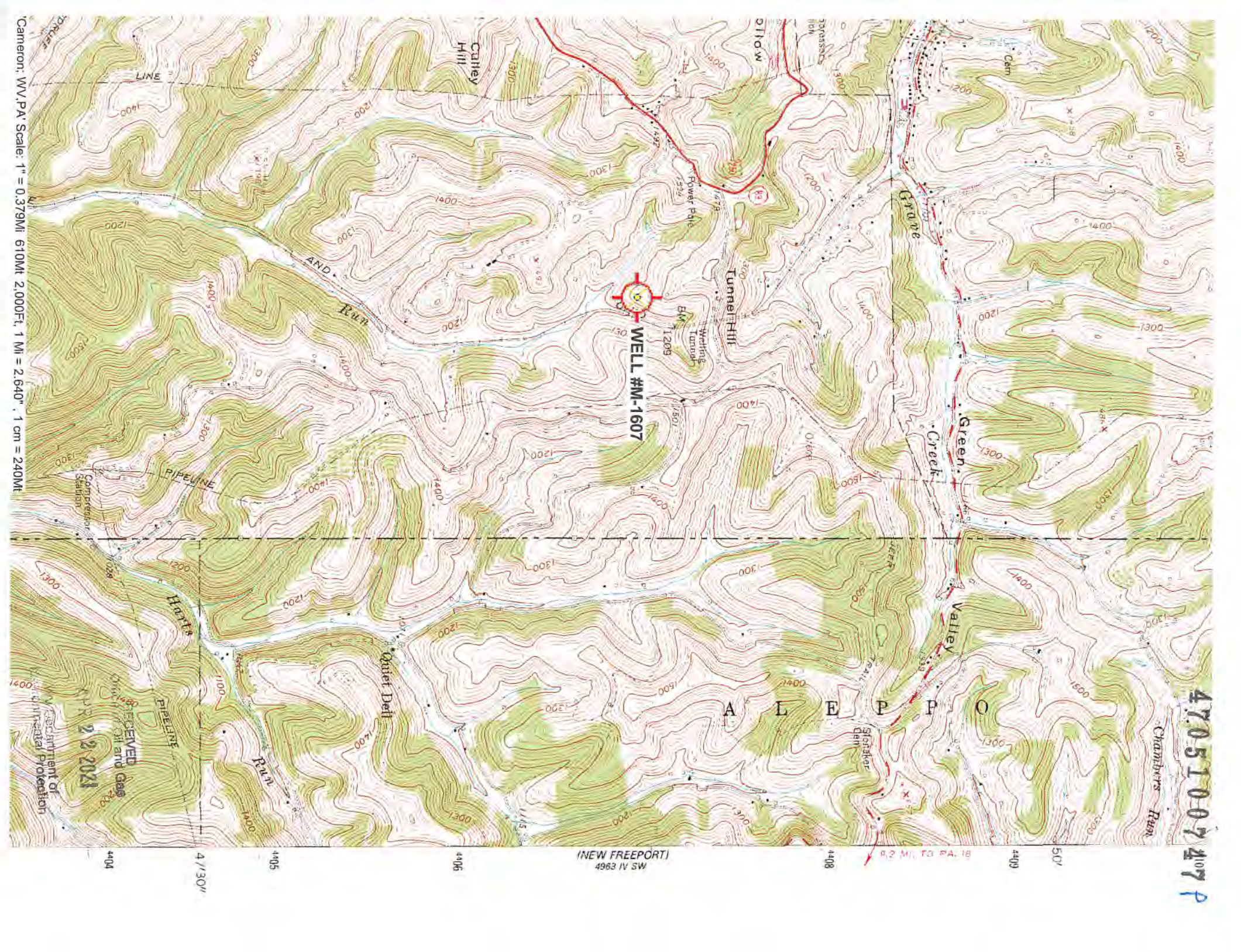
0.2 MI. TO PA. 18

4404 4/130' 4405 4406 4408 4409 507

RECEIVED
Department of
Oil and Gas
22 2021

Department of
Environmental Protection

Cameron, WV, PA. Scale: 1" = 0.379MI. 610M 2.000FT. 1 MI = 2,640' . 1 cm = 240M



47051007479

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. 47-051-00747
District Liberty
Well No M-1607 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

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

Securities Cash Surety bond Letter of credit

Identified by:

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

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 11/18/2024

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

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of
Environmental Protection



05/28/2021

RECEIVED
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. 4705100747

District _____

Well No DOWLER 3 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: Leatherwood, Inc. 1000 CONSOL Energy Drive, Canonsburg, PA 15317-6805

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

Securities Cash Surety bond Letter of credit

Identified by:

Amount:	Fifty Thousand and 00/100 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 August 4, 2019

RECEIVED
Office of Oil and Gas

APR 22 2021

WV Department of
Environmental Protection

Transferee:

By: Gerald W. Ransburg Gerald W. Ransburg
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 _____

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Jane M. Young, Notary Public
Cecil Twp., Washington County
My Commission Expires June 20, 2013
Member, Pennsylvania Association of Notaries

4705100747 (

OP-77 (9-97)

Record No. 42080

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

RECEIVED
DEC 11 1997
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OFFICE OF OIL AND GAS

This is to acknowledge that the well: API no. 47-051-747N

District Liberty District

Well No W.A. Dowler #3 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

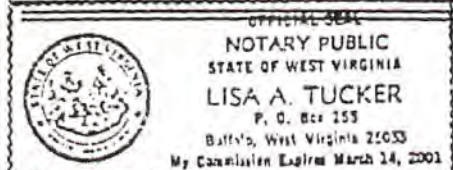
The transferee has bonded the said well by (check one):

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: B2377219



Transferee: Mountaineer Gas Services, Inc.

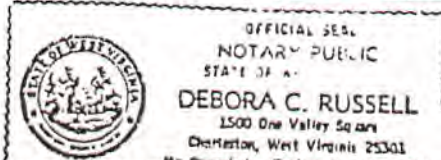
By: Danny Chandler

Its: Manager

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

Notary Public Lisa A. Tucker

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

RECEIVED
Office of Oil and Gas
APR 22 2021
WV Department of Environmental 05/28/2021