



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, April 29, 2024
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for Carnegie 1H
47-049-02520-00-00

Extended Lateral Length

EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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: Carnegie 1H
Farm Name: Jeanne A Musgrave Akers & Joseph Forte
U.S. WELL NUMBER: 47-049-02520-00-00
Horizontal 6A New Drill
Date Modification Issued: 4/29/2024

Promoting a healthy environment.

05/03/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: EQT Production Company 306686 Marion Mannington Glover Gap
Operator ID County District Quadrangle

2) Operator's Well Number: 1H Well Pad Name: Carnegie

3) Farm Name/Surface Owner: Jeanne Ann Musgrave Akers & Joseph Forte Public Road Access: CR 7/3

4) Elevation, current ground: 1,318' (built) Elevation, proposed post-construction: 1,318' (built)

5) Well Type (a) Gas Oil _____ Underground Storage _____

Other _____

(b) If Gas Shallow Deep _____

Horizontal _____

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7,712', 79', 2,593 psi

8) Proposed Total Vertical Depth: 7,712'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 27,566'

11) Proposed Horizontal Leg Length: 18,121'

12) Approximate Fresh Water Strata Depths: 309', 335', 341', 371', 709'

13) Method to Determine Fresh Water Depths: Offset Wells - 049-30050, 049-00200, 049-30239

14) Approximate Saltwater Depths: 1,852'

15) Approximate Coal Seam Depths: 515'-517', 669'-671', 937'-941', 1,034'-1,041'

16) Approximate Depth to Possible Void (coal mine, karst, other): _____

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No APR 10 2024

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(a) If Yes, provide Mine Info: Name: Harrison County Mine WV Department of Environmental Protection

Depth: 1,034'-1,041'

Seam: Pittsburgh

Owner: Harrison County Coal Resources

18) **CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252 GR 3 Bare	85.6	40	40	45 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1091	1091	1040 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2673	2673	1050 ft^3 / CTS
Production	6	New	P-110	24	27566	27566	500' above intermediate casing
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.312	1000	18	Class A/L	1.04 - 1.20
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A/L	1.04 - 1.20
Coal							
Intermediate	9 5/8	12 3/8	0.352	3520	2816	Class A/H/L	1.04 - 1.20
Production	6	8 1/2	0.400	14580	11664	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

Ky Willitt
2/21/24

PACKERS

Kind:				
Sizes:				
Depths Set:				

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19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 60.28 acres (built)

22) Area to be disturbed for well pad only, less access road (acres): 8.96 acres (built)

23) Describe centralizer placement for each casing string:

- Surface: Bow spring centralizers – One centralizer at the shoe and one spaced every 500’.
- Intermediate: Bow spring centralizers– One centralizer at the shoe and one spaced every 500’.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

24) Describe all cement additives associated with each cement type:

Conductor: Class A no additives
Surface: Calcium Chloride. Used to speed the setting of cement slurries
Intermediate: Calcium Chloride. Used to speed the setting of cement slurries. Gas Migration Control Additive, Cement Retarder
Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti-Settling/Suspension Agent

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25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.
Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.
Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

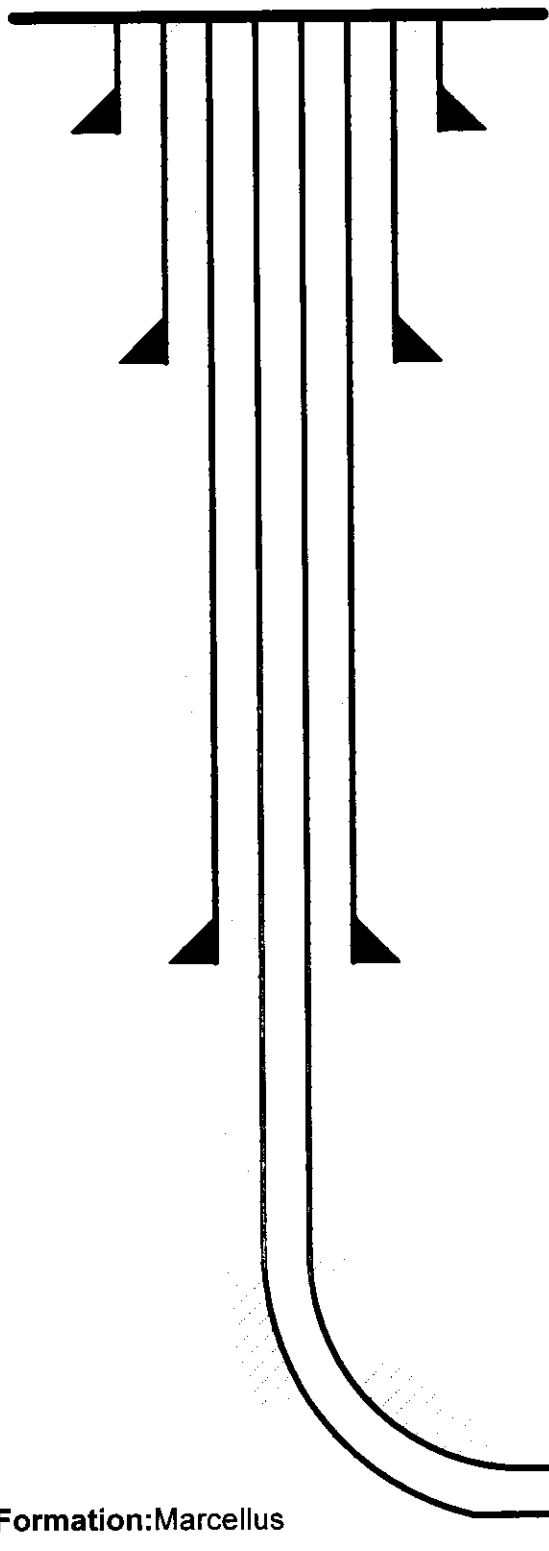
*Note: Attach additional sheets as needed.

EQT Production

Wellbore Diagram

Well: Carnegie 1H
Pad: Carnegie
Elevation: 1318' GL 1331' KB

County: Marion
State: West Virginia



Conductor @ 40'

26", 85.6#, A252 GR3 Bare, cement to surface w/ Class A/L

Surface @ 1,091'

13-3/8", 54.5#, J-55, cement to surface w/ Class A/L

Intermediate @ 2,673'

9-5/8", 36#, J-55, cement to surface w/ Class A/H/L

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Production @ 27,566' MD / 7,712' TVD

6", 24#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

Formation: Marcellus

05/03/2024 NOT TO SCALE

EQT Production
Hydraulic Fracturing Monitoring Plan
Pad ID: Carnegie
County: Marion

April 9, 2024

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Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Marion County, WV prior to hydraulic fracturing at the following EQT wells on the Carnegie pad: 1H, 3H, 5H, 7H, 9H, 11H, 13H, 15H, 17H and 19H.

Due to the requirements under 35CSR8 5.11, the permittee is required to review the area surrounding the proposed well pad so as to identify and evaluate potential conduits for unintended fracture propagation.

A report is required to be submitted along with a well work permit application.

The plan is being implemented as an additional safety measure to be utilized in conjunction with existing best management practices and emergency action plans for the site. These additional measures include coordination with well operators of the timing and location of the hydraulic fracturing, establishment of measures well operators should implement, and assurance that the OOG is notified of the timeline, as well as any issues that may arise during fracturing.

1. Communications with Well Operators

EQT, using available data (WV Geological Survey, WVDEP website, and IHS data service), has identified all known wells and well operators within 500 feet of this pad and the lateral sections that are known or could reasonably be expected to be within range of the fracture propagation. A map showing these wells along with a list of the wells and operators is included in **Attachment A**.

EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
3. Inspect or install master valves or other necessary equipment for wellhead integrity capable of a pressure recommended by EQT
4. Notify the OOG and EQT if any changes in water, gas production, pressure, or other anomalies are identified

2. Reporting

EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

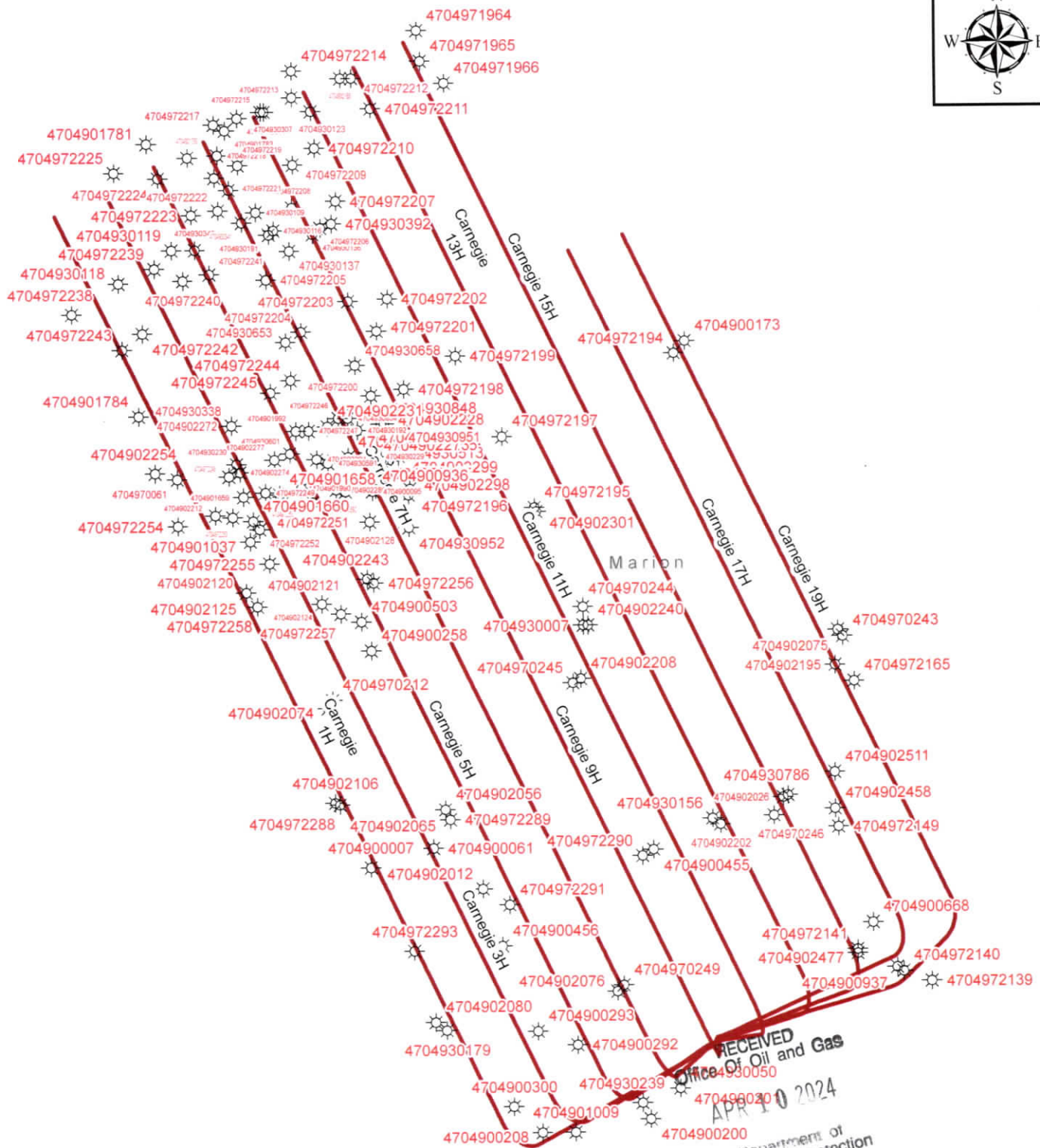
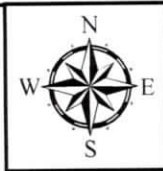
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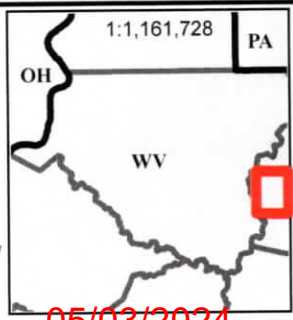
Wetzel
EQT Corporation
625 Liberty Avenue
Pittsburgh, PA 15222

- Legend**
- Well Lateral_FM Formation
 - Geneseo
 - Marcellus
 - Utica
 - Carnegie_Offset_Wells



Disclaimer:

This map is confidential and is to be used only for the express informational purposes for which it was created. Unauthorized use, copying, or dissemination is strictly prohibited. EQT does not warrant the accuracy of the location of any items shown on this map, including, but not limited to, any structures, well or pipeline facilities, property boundaries, topography, roadways, or waterways. The items shown on the map may not have been placed on the map using survey lines or GPS coordinates. The specific location of any of the map items should be determined by a field survey performed by a licensed surveyor upon consultation with EQT.



05/03/2024

APL UWI_12	ENVOperato	ENVWellSta	ENVWellTyp	InitialOpe	Latitude	Longitude	Elevat IonG	Elevatio nK	MD_FT	TVD_FT	WellName	WellSymbol
47-049-00063-00	(N/A)	P & A	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	KUHN, Z. J. 1	OTHER-P & A
47-049-00249-00	NEELY, D	UNREPORTED	OTHER	NEELY, D	39.551064	-80.457728	1063	1073	0	0	TALKINGTON/TOOTHMAN HEIRS 1	OTHER-UNREPORTED
47-049-00289-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	PRUNTY, FLOYD O. 2	OTHER-UNREPORTED
47-049-30136-00	SOUTH PENN OIL (S. PENN NAT. GAS)	COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.563841	-80.461327	1067	0	0	2260	J A HAWKENBERRY	OIL-COMPLETED
47-049-72217-00	SOUTH PENN OIL (S. PENN NAT. GAS)	UNREPORTED	UNREPORTE D	SOUTH PENN OIL (S PENN NAT GAS)	39.569193	-80.467508	1325	0	0	0	JOHN HESS	UNREPORTED-UNREPORTED
47-049-72220-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.566581	-80.467509	1218	0	0	0	JOHN A HESS	UNREPORTED-UNREPORTED
47-049-00718-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	FREELAND, E. J. 1	OTHER-P & A
47-049-30952-00	BISSETT, A. & M.	UNREPORTED	UNREPORTE D	BISSETT, A. & M.	39.54934	-80.455435	1029	0	0	0	JOSEPH HAYHURST	UNREPORTED-UNREPORTED
47-049-71965-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.572242	-80.454317	1094	0	0	0	JAMES CAMPBELL	UNREPORTED-UNREPORTED
47-049-00037-00	(N/A)	P & A	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	METZ, RUTH/THOMAS, J. O. 2	OTHER-P & A
47-049-02240-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.544431	-80.444117	1018	1027	0	0	GLOVER, CHARLES P. 5335	OTHER-P & A
47-049-02254-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552127	-80.471501	1184	1193	0	0	SNODGRASS, THOMAS LEE 5461	OTHER-P & A
47-049-02106-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.53576	-80.4603	1285	1294	0	0	GRIMM, ROBERT D. 5446	OTHER-P & A
47-049-00723-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	HUEY, M. W. 4	OTHER-P & A
47-049-72256-00	BP	UNREPORTED	UNREPORTE D	BP	39.546552	-80.45769	1305	0	0	0	JOSEPH T HAYHURST	UNREPORTED-UNREPORTED
47-049-72149-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.534349	-80.428278	1318	0	0	0	S C THORNE	UNREPORTED-UNREPORTED
47-049-02212-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.550011	-80.467734	1190	1199	0	0	ALLEGHENY FORESTLAND, LLC 5459	OTHER-P & A
47-049-01009-00	EQUITRANS MIDSTREAM	P & A	GAS	CONSOLIDATION COAL COMPANY	39.519544	-80.445327	1203	1212	3220	3220	CONSOLIDATION COAL CO. R-330	GAS-P & A
47-049-00503-00	NATIONAL FUEL GAS	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.544665	-80.458518	1407	1416	0	0	GRIM, SHARON A. OR ROBER D. 5452	OTHER-P & A
47-049-00697-00	MID-EASTERN OIL & GAS CO.	PRODUCING	GAS	MID-EASTERN OIL & GAS CO.	39.551064	-80.457728	1063	1073	0	0	KEON, O. N. & F. V. 1	GAS-PRODUCING
47-049-00304-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	CAMPBELL, ROBERT 1	OTHER-P & A
47-049-00815-00	INVITATION ENERGY INC	P & A	OTHER	BUCKEYE OIL PRODUCING	39.551064	-80.457728	1063	1073	0	0	HUEY 8	OTHER-P & A
47-049-00973-00	HOWARD, LORNA AGENT	PRODUCING	GAS	HOWARD LORNA AGENT	39.551064	-80.457728	1063	1073	0	0	FINCH, RUSSELL R. 3	GAS-PRODUCING
47-049-72195-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.55018	-80.447387	1096	0	0	0	ALYCE DEVORE	UNREPORTED-UNREPORTED
47-049-00751-00	GREYLOCK ENERGY	UNREPORTED	OTHER	ENERGY CORP	39.551064	-80.457728	1063	1073	0	0	TATTERSON, R. MICHAEL B-544	OTHER-UNREPORTED
47-049-01992-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.55412	-80.462538	1258	1267	0	0	SNODGRASS, THOMAS LEE 5358	OTHER-P & A
47-049-02286-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551173	-80.459985	1188	1197	0	0	LUCAS, WILLIAM C. & VICKIE E. 5346	OTHER-P & A
47-049-00831-00	ARIES PETROLEUM CORP.	P & A	GAS	CRESTON OIL	39.551064	-80.457728	1063	1073	0	0	SATTERFIELD, J. T. 1	GAS-P & A
47-049-00438-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1072	2569	2569	RIGGS 2396	GAS-PRODUCING
47-049-00208-00	EQUITRANS MIDSTREAM	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.519451	-80.447393	1239	1248	0	0	CONSOLIDATION COAL CO. R-436	OTHER-P & A
47-049-02056-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.535366	-80.453345	1412	1422	0	0	SPONAUGLE, EARNEST 5333	OTHER-P & A
47-049-00722-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	HUEY, M. W. 2	OTHER-P & A
47-049-00773-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DOMINION ENERGY TRANSMISSION, INC.	39.551064	-80.457728	1063	1073	0	0	HAMILTON & HARDESTY 2038	GAS-PRODUCING
47-049-00813-00	PILLAR ENERGY	P & A	OTHER	BUCKEYE OIL PRODUCING	39.551064	-80.457728	1063	1073	0	0	RICE, EUGENE 1	OTHER-P & A
47-049-00629-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	CUNNINGHAM, A. 71	GAS-PRODUCING
47-049-72165-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.54146	-80.427154	1065	0	0	0	PETER METZ	UNREPORTED-UNREPORTED
47-049-30653-00	INTERSTATE PIPE & SUPPLY	COMPLETED	OIL & GAS	INTERSTATE PIPE & SUPPLY	39.558475	-80.463121	1101	0	0	2262	G M ICE 1	OIL & GAS-INACTIVE COMPLETED

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47-049-00060-00	CARNEGIE PROD CO	UNREPORTED	OTHER	CARNEGIE PRODUCTION	39.551064	-80.457728	1063	1073	0	0	KEENAN, MARTHA E. 3-1496	OTHER-UNREPORTED
47-049-00612-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	YOST, SUSAN 15	GAS-PRODUCING
47-049-00679-00	PILLAR ENERGY	P & A	GAS	BUCKEYE OIL PRODUCING	39.551064	-80.457728	1063	1073	3415	3415	ASH 1	GAS-P & A
47-049-00910-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1072	0	0	RICE 2	OTHER-P & A
47-049-30513-00	(N/A)	INACTIVE COMPLETED	OIL	(N/A)	39.55224	-80.456748	1198	0	0	0	2193 2	OIL-INACTIVE COMPLETED
47-049-30601-00	RAAD SUPPLY COMPANY	COMPLETED	OIL	RAAD SUPPLY COMPANY	39.552965	-80.46293	1108	0	0	0	2131 E S EVANS 6	OIL-COMPLETED
47-049-70246-00	BEATY ET AL	UNREPORTED	UNREPORTE D	BEATY ET AL	39.534935	-80.432394	1108	0	0	0	FRED BEATY	UNREPORTED-UNREPORTED
47-049-00716-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	FLUHARTY, CONRAD 3	OTHER-P & A
47-049-72246-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.55468	-80.459829	1246	0	0	0	ENOCH EVANS	UNREPORTED-UNREPORTED
47-049-71964-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.573692	-80.454505	1166	0	0	0	JAMES CAMPBELL	UNREPORTED-UNREPORTED
47-049-02080-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.524988	-80.454135	1100	1109	3049	3049	BARRON, MARK A 5326	OTHER-P & A
47-049-30118-00	HOPE CONSTRUCTION & REFINING	UNREPORTED	OIL	HOPE CONSTRUCTION & REFINING	39.561521	-80.473692	1144	0	2331	0	J W KENDALL	OIL-UNREPORTED
47-049-30592-00	TRI-STATE PIPE COMPANY, THE	COMPLETED	GAS	TRI-STATE PIPE COMPANY, THE	39.55108	-80.45937	1187	0	0	0	3215 JOSEPH HAYHURST 12	GAS-COMPLETED
47-049-72214-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.571806	-80.462451	1199	0	0	0	BENJAMIN PARRISH	UNREPORTED-UNREPORTED
47-049-00688-00	OCCIDENTAL	UNREPORTED	OTHER	OCCIDENTAL PETR	39.551064	-80.457728	1063	1073	0	0	JOLLIFF 1	OTHER-UNREPORTED
47-049-00939-00	ARIES PETROLEUM CORP.	P & A	GAS	CRESTON OIL	39.551064	-80.457728	1063	1073	0	0	GLOVER 2	GAS-P & A
47-049-30239-00	BP	INACTIVE COMPLETED	GAS	BP	39.520918	-80.441004	1156	0	0	0	3074 JOHN S MUSGRAVE	GAS-INACTIVE COMPLETED
47-049-00426-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	MOORE, SARAH E. 415	OTHER-P & A
47-049-00550-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	LUCAS, J. E. 2	OTHER-P & A
47-049-72141-00	BP	UNREPORTED	UNREPORTE D	BP	39.528337	-80.427152	998	0	0	0	P G WEST	UNREPORTED-UNREPORTED
47-049-00702-00	FOX DRLG CO	UNREPORTED	OTHER	FOX DRLG	39.551064	-80.457728	1063	1073	0	0	THORNE, JAMES P., ETUX 1	OTHER-UNREPORTED
47-049-72208-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.56513	-80.462639	1089	0	0	0	CAMPBELL & FLEMING	UNREPORTED-UNREPORTED
47-049-72210-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.568032	-80.461139	1378	0	0	0	JAMES CAMPBELL	UNREPORTED-UNREPORTED
47-049-00536-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	HUEY, GEORGE A. 2	OTHER-P & A
47-049-30156-00	CARNEGIE NATURAL GAS CO	INACTIVE COMPLETED	GAS	CARNEGIE NATURAL GAS	39.53479	-80.436326	1095	0	0	0	2949 H F BLACKSHERE 1	GAS-INACTIVE COMPLETED
47-049-00423-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	KEENAN, M. E. 1437	OTHER-P & A
47-049-02294-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552738	-80.461207	1066	1075	0	0	LUCAS, WILLIAM C. & VICKIE E. 5355	OTHER-P & A
47-049-72225-00	(N/A)	UNREPORTED	UNREPORTE D	BP	39.566872	-80.473878	1396	0	0	0	JOHN W KENDALL	UNREPORTED-UNREPORTED
47-049-72290-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.533042	-80.44083	1110	0	0	0	JOB ARNETT	UNREPORTED-UNREPORTED
47-049-72140-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.527236	-80.424345	1257	0	0	0	P G WEST	UNREPORTED-UNREPORTED
47-049-72258-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.545536	-80.465074	1311	0	0	0	S R ARNETT	UNREPORTED-UNREPORTED
47-049-00701-00	FOX DRLG CO	UNREPORTED	OTHER	FOX DRLG	39.551064	-80.457728	1063	1073	0	0	SMITH, BRENT 1	OTHER-UNREPORTED
47-049-00774-00	DIVERSIFIED ENERGY	P & A	GAS	DOMINION ENERGY TRANSMISSION, INC.	39.551064	-80.457728	1063	1072	2939	2939	FETTY, V. 3170	GAS-P & A
47-049-71966-00	BP	UNREPORTED	UNREPORTE D	BP	39.57108	-80.452819	1104	0	0	0	JAMES CAMPBELL	UNREPORTED-UNREPORTED
47-049-00668-00	EQUITRANS MIDSTREAM	P & A	GAS	CONSOLIDATION COAL COMPANY	39.529603	-80.426223	998	1007	2826	2826	MICHEALS, JEFFREY . ET AL R-273 (1)	GAS-P & A
47-049-01659-00	CONSOL	P & A	OTHER	MOUNTAIN ENERGY	39.550939	-80.4659	1145	1154	0	0	ALLEGHENY FORESTLAND, LLC 5458	OTHER-P & A
47-049-00938-00	ARIES PETROLEUM CORP.	P & A	GAS	CRESTON OIL	39.551064	-80.457728	1063	1073	0	0	GLOVER 1	GAS-P & A
47-049-00285-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	C. W. BRANNON HEIRS A-288	OTHER-UNREPORTED

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47-049-30786-00	RAAD SUPPLY COMPANY	UNREPORTED	OIL & GAS	RAAD SUPPLY COMPANY	39.535945	-80.431463	1123	0	2813	0	J F BEATTY 1	OIL & GAS-UNREPORTED
47-049-00270-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	HARBERT, R. A. A-270	OTHER-UNREPORTED
47-049-00651-00	DORAN & ASSOC INC	UNREPORTED	OTHER	DORAN&ASSOCIATES	39.551064	-80.457728	1063	1073	0	0	NEWBROUGH, LOWELL & LINDA 1-K-L-124	OTHER-UNREPORTED
47-049-00391-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	FLEMING, W. C. 1	OTHER-P & A
47-049-00515-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	EVANS, E. S. 5	OTHER-P & A
47-049-00900-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1072	0	0	HUEY, JOHN - HEIRS 3	OTHER-P & A
47-049-30338-00	HOPE CONSTRUCTION & REFINING	INACTIVE COMPLETED	OIL	HOPE CONSTRUCTION & REFINING	39.554415	-80.466572	1243	0	0	2268	3	OIL-INACTIVE COMPLETED
47-049-30658-00	BP	INACTIVE COMPLETED	GAS	BP	39.557315	-80.458704	1036	0	0	3081	E S EVANS	GAS-INACTIVE COMPLETED
47-049-00507-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	CUNNINGHAM, J. 6	OTHER-P & A
47-049-72197-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.553663	-80.449447	1239	0	0	0	ALYCE DEVORE	UNREPORTED-UNREPORTED
47-049-00660-00	ANTCO	UNREPORTED	OTHER	ANTCO	39.551064	-80.457728	1063	1073	0	0	ANTULOV, JOHN & PETE 1	OTHER-UNREPORTED
47-049-00279-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	CONSOLIDATION COAL CO A-277	OTHER-UNREPORTED
47-049-02202-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.534497	-80.435771	1082	1091	0	0	CONSOLIDATION COAL COMPANY 5234	OTHER-P & A
47-049-02272-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.554387	-80.46663	1250	1259	0	0	SNOOGRASS, THOMAS LEE 5462	OTHER-P & A
47-049-00907-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1073	0	0	SUTTON, ESTHER 1	OTHER-P & A
47-049-72205-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.561646	-80.464325	1116	0	0	0	GEORGE M ICE	UNREPORTED-UNREPORTED
47-049-72251-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.550616	-80.461515	1276	0	0	0	JOSEPH T HAYHURST	UNREPORTED-UNREPORTED
47-049-00106-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	CARTRIGHT, BESSIE, ET AL 1	OTHER-UNREPORTED
47-049-00065-00	(N/A)	UNREPORTED	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	RICHARDSON, W. P., ET AL 1	OTHER-P & A
47-049-02511-00	(N/A)	UNREPORTED	GAS	(N/A)	39.536966	-80.42849	1272	1282	0	0	J.T. SATTERFIELD 70210 # 2	GAS-P & A
47-049-72257-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.545101	-80.459829	1293	0	0	0	S R ARNETT	UNREPORTED-UNREPORTED
47-049-02263-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.553234	-80.457548	1027	1036	0	0	LUCAS, WILLIAM C. & VICKIE E. 5348	OTHER-P & A
47-049-00292-00	EQUITRANS MIDSTREAM	P & A	OIL	CONSOLIDATION COAL COMPANY	39.523753	-80.44514	1066	1075	2228	2228	DUNCAN, ERIC O. 5324	OIL-P & A
47-049-00436-00	EQUITRANS MIDSTREAM	INACTIVE COMPLETED	GAS	EQUITRANS MIDSTREAM	39.551064	-80.457728	1063	1072	2514	2514	RICHARDSON, E. F. 2379	GAS-INACTIVE COMPLETED
47-049-72198-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.556131	-80.455629	1279	0	0	0	G W TOOTHMAN	UNREPORTED-UNREPORTED
47-049-00286-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	TOOTHMAN, AMOS E. A-289	OTHER-UNREPORTED
47-049-02228-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.554358	-80.456911	1046	1055	0	0	MINGER, HAROLD G. & ALMA A. 5349	OTHER-P & A
47-049-70245-00	KOEN & BEATY	UNREPORTED	UNREPORTE D	KOEN & BEATY	39.541606	-80.445131	1027	0	0	0	A F HAMILTON	UNREPORTED-UNREPORTED
47-049-72218-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.567742	-80.467322	1135	0	0	0	JOHN HESS	UNREPORTED-UNREPORTED
47-049-01758-00	PERKINS OIL & GAS INC	PRODUCING	GAS	PERKINS OIL & GAS	39.567598	-80.469195	1172	1181	3449	3449	HIBBS 1	GAS-PRODUCING
47-049-72240-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.561647	-80.46957	1359	0	0	0	FRANK SNIDER	UNREPORTED-UNREPORTED
47-049-72209-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.567162	-80.462451	1251	0	0	0	BENJAMIN PARRISH	UNREPORTED-UNREPORTED
47-049-00255-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	MILLER, WILLIAM J. 1	OTHER-UNREPORTED
47-049-00812-00	INVITATION ENERGY INC	P & A	OTHER	BUCKEYE OIL PRODUCING	39.551064	-80.457728	1063	1073	0	0	HUEY 4	OTHER-P & A
47-049-00428-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	HIBBS, ELMER 1403	GAS-PRODUCING
47-049-00621-00	DIVERSIFIED ENERGY	P & A	OIL	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1148	1157	3072	3072	BROOKOVER, M. E. 1	OIL-P & A
47-049-72254-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.549455	-80.470133	1214	0	0	0	EMERSON HAUGHT	UNREPORTED-UNREPORTED
47-049-02299-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552785	-80.45598	1188	1197	0	0	PARRISH, WILLIAM H. 5339	OTHER-P & A

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47-049-02128-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.549617	-80.457943	1060	1069	0	0	HAMILTON, PRISCILLA 2886	OTHER-P & A
47-049-00516-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	EVANS, E. S. 6	OTHER-P & A
47-049-01990-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551283	-80.462219	1156	1165	0	0	LUCAS, WILLIAM C. & VICKIE E. 5347	OTHER-P & A
47-049-30340-00	SOUTH PENN OIL (S. PENN NAT. GAS)	INACTIVE COMPLETED	OIL & GAS	SOUTH PENN OIL (S PENN NAT GAS)	39.563116	-80.468821	1468	0	0	2647	GEO M ICE 6	OIL & GAS-INACTIVE COMPLETED
47-049-72238-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.56005	-80.476689	1177	0	0	0	GEORGE W STARKEY	UNREPORTED-UNREPORTED
47-049-00510-00	CONSOLIDATION COAL COMPANY	P & A	WATER UNREPORTE D	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	3368	3368	CUNNINGHAM, W. N. 8	WATER-P & A
47-049-72249-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.551052	-80.464513	1156	0	0	0	EMERSON HAUGHT	UNREPORTED-UNREPORTED
47-049-70244-00	WHEELING NATURAL GAS CO., THE	UNREPORTED	UNREPORTE D	WHEELING NATURAL GAS CO., THE	39.54528	-80.444383	1020	0	0	0	JOSEPH MCGILL	UNREPORTED-UNREPORTED
47-049-00041-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	KIMBALL, S. E. 1	OTHER-UNREPORTED
47-049-00114-00	(N/A)	P & A	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	MOORE, EMMA 1	OTHER-P & A
47-049-00906-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1073	0	0	BURNS, MARY 2	OTHER-P & A
47-049-02277-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552705	-80.463896	1117	1126	0	0	SNODGRASS, THOMAS LEE 5357	OTHER-P & A
47-049-02243-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.546804	-80.458122	1264	1273	0	0	HAMILTON, RONALD A. & PRISCILLA A. 5344	OTHER-P & A
47-049-00726-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	STURMS, N. W. 3	OTHER-P & A
47-049-02274-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552121	-80.466123	1127	1136	0	0	SNODGRASS, THOMAS LEE 5460	OTHER-P & A
47-049-00545-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	KENNEDY, M. 6	GAS-PRODUCING
47-049-00383-00	DIVERSIFIED ENERGY	P & A	OTHER UNREPORTE D	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1072	0	0	LUCAS, J. 1000 3362	OTHER-P & A
47-049-70061-00	HARTMAN OIL	UNREPORTED	UNREPORTE D	HARTMAN	39.551805	-80.470131	1136	0	0	0	RACHEL EVANS	UNREPORTED-UNREPORTED
47-049-00738-00	SCOTT, JAMES F.	P & A	OTHER UNREPORTE D	SCOTT JAMES R	39.551064	-80.457728	1063	1073	0	0	CANFIELD, CECIL V. S-415	OTHER-P & A
47-049-72215-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.569774	-80.464511	1091	0	0	0	CAMPBELL & FLEMING	UNREPORTED-UNREPORTED
47-049-72199-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.557728	-80.452257	1481	0	0	0	JUDSON METZ	UNREPORTED-UNREPORTED
47-049-00467-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	AMOS, P. B. 3	OTHER-P & A
47-049-00937-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.527378	-80.424659	1217	1227	0	0	THORNE 2	OTHER-P & A
47-049-30654-00	INTERSTATE PIPE & SUPPLY	INACTIVE COMPLETED	OIL	INTERSTATE PIPE & SUPPLY	39.554705	-80.459185	1213	0	0	2222	JOSEPH HAYHURST 8	OIL-INACTIVE COMPLETED
47-049-00703-00	FOX DRLG CO	UNREPORTED	OTHER	FOX DRLG	39.551064	-80.457728	1063	1073	0	0	GOOCH, MELVIN 2	OTHER-UNREPORTED
47-049-00908-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1073	0	0	YOST, L. N. 1	OTHER-P & A
47-049-00266-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	PARRISH, J. F. A-261	OTHER-UNREPORTED
47-049-00278-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	CONSOLIDATION COAL CO. A-264	OTHER-UNREPORTED
47-049-00478-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	BLACKSHERE, B. F. 10	OTHER-P & A
47-049-00832-00	CRESTON OIL CORP.	P & A	GAS	CRESTON OIL	39.551064	-80.457728	1063	1073	0	0	SATTERFIELD, J. T. 2	GAS-P & A
47-049-30191-00	SOUTH PENN OIL (S. PENN NAT. GAS)	INACTIVE COMPLETED	OIL & GAS	SOUTH PENN OIL (S PENN NAT GAS)	39.563841	-80.464061	1250	0	0	2440	GEORGE M ICE 2	OIL & GAS-INACTIVE COMPLETED
47-049-02208-00	CONSOLIDATION COAL COMPANY	P & A	OTHER UNREPORTE D	CONSOLIDATION COAL COMPANY	39.541847	-80.444579	1009	1018	0	0	CONSOLIDATION COAL COMPANY 5334	OTHER-P & A
47-049-72245-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.555986	-80.464138	1270	0	0	0	RACHAEL EVANS	UNREPORTED-UNREPORTED
47-049-00456-00	EQUITRANS MIDSTREAM	P & A	GAS	CONSOLIDATION COAL COMPANY	39.528688	-80.449824	1289	1298	0	0	BERDINE, DORIS THORNE 5328	GAS-P & A
47-049-00912-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1073	0	0	TOOTHMAN 2	OTHER-P & A
47-049-00443-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1072	2935	2935	MARTIN 5017	GAS-PRODUCING
47-049-30137-00	SOUTH PENN OIL (S. PENN NAT. GAS)	COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.562971	-80.462826	1265	0	0	2462	J A HAWKENBERRY	OIL-COMPLETED
47-049-00814-00	INVITATION ENERGY INC	P & A	OTHER	BUCKEYE OIL PRODUCING	39.551064	-80.457728	1063	1073	0	0	HUEY 5	OTHER-P & A

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47-049-00913-00	NATIONAL FUEL GAS	UNREPORTED	OTHER	EAST RESOURCES	39.551064	-80.457728	1063	1073	0	0	TENNANT, R. D. 5	OTHER-UNREPORTED
47-049-30179-00	CARNEGIE NATURAL GAS CO	UNREPORTED	UNREPORTE D	CARNEGIE NATURAL GAS	39.524624	-80.453383	1109	0	3049	0	PERRY ARNETT 1	UNREPORTED-UNREPORTED
47-049-72252-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.54931	-80.464887	1394	0	0	0	EMERSON HAUGHT	UNREPORTED-UNREPORTED
47-049-72255-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.547568	-80.464325	1334	0	0	0	JOSEPH T HAYHURST	UNREPORTED-UNREPORTED
47-049-01037-00	CONSOL	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.548658	-80.465487	1393	1402	0	0	LUCAS, WILLIAM C. & VICKIE E. 5090	OTHER-P & A
47-049-00940-00	ARIES PETROLEUM CORP.	P & A	GAS	CRESTON OIL	39.551064	-80.457728	1063	1073	0	0	GLOVER 3	GAS-P & A
47-049-30848-00	SOUTH PENN OIL (S. PENN NAT. GAS)	UNREPORTED	UNREPORTE D	SOUTH PENN OIL (S PENN NAT GAS)	39.554415	-80.457124	1051	0	0	0	E S EVANS	UNREPORTED-UNREPORTED
47-049-00872-00	COBHAM GAS INDUSTRIES, INC.	P & A	OTHER	COBHAM GAS INDUSTRIES	39.551064	-80.457728	1063	1073	0	0	AMMONS, B. A. 1	OTHER-P & A
47-049-02195-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.542321	-80.428381	1139	1148	0	0	MICHAEL, JEFFREY & RONALD C. 5240	OTHER-P & A
47-049-00601-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	YOST, JAMES 5	GAS-PRODUCING
47-049-00474-00	DIVERSIFIED ENERGY	P & A	OIL	DIVERSIFIED ENERGY	39.551064	-80.457728	986	996	1865	1865	WATSON HEIRS 4	OIL-P & A
47-049-00501-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	CONWAY, B. F. 5	GAS-PRODUCING
47-049-00714-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	CUNNINGHAM, M. 3	OTHER-P & A
47-049-30230-00	MILLIKEN, H. E., & SNIDER, A. M.	INACTIVE COMPLETED	OIL	MILLIKEN, H. E., & SNIDER, A. M.	39.55253	-80.466302	1145	0	0	2165	RACHEL EVANS	OIL-INACTIVE COMPLETED
47-049-72194-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.557727	-80.438394	1030	0	0	0	B F HUEY	UNREPORTED-UNREPORTED
47-049-00300-00	EQUITABLE GAS COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.520783	-80.449154	1249	1258	3604	3604	CONSOLIDATION COAL R-435	OTHER-P & A
47-049-00557-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	MORGAN, NIMROD 2	OTHER-P & A
47-049-00909-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1072	0	0	RICE 1	OTHER-P & A
47-049-30116-00	HOPE CONSTRUCTION & REFINING	UNREPORTED	OIL & GAS	HOPE CONSTRUCTION & REFINING	39.563986	-80.463762	1214	0	3215	2404	O J CUNNINGHAM	OIL & GAS-UNREPORTED
47-049-72206-00	BP	UNREPORTED	UNREPORTE D	BP	39.564114	-80.460765	1090	0	0	0	A HOCKINBERRY	UNREPORTED-UNREPORTED
47-049-72212-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.57137	-80.458704	1336	0	0	0	JAMES CAMPBELL	UNREPORTED-UNREPORTED
47-049-00453-00	EQUITRANS MIDSTREAM	UNREPORTED	OTHER	EQUITRANS	39.551064	-80.457728	1063	1073	0	0	NO SUCH NUMBER	OTHER-UNREPORTED
47-049-72203-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.560486	-80.459079	1141	0	0	0	JACOB OTT	UNREPORTED-UNREPORTED
47-049-72293-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.528543	-80.455444	1301	0	0	0	FAY MORAN	UNREPORTED-UNREPORTED
47-049-72291-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.53072	-80.449261	1127	0	0	0	P M HIBBS	UNREPORTED-UNREPORTED
47-049-00000-00	O-I GLASS	P & A	OTHER	O-I GLASS	39.551064	-80.457728	1063	1073	0	0	HARTLEY, M. E. 144	OTHER-P & A
47-049-30000-00	MANUFACTURERS LIGHT & HEAT	UNREPORTED	GAS	MANUFACTURERS LIGHT&HEAT	39.544409	-80.444382	1037	0	0	0	JOHN CONAWAY HEIRS	GAS-UNREPORTED
47-049-02200-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552819	-80.459216	1079	1088	0	0	LUCAS, WILLIAM C. 5354	OTHER-P & A
47-049-00700-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	HOSTETTER, M. A. 2	OTHER-P & A
47-049-30000-00	HOPE CONSTRUCTION & REFINING	UNREPORTED	WATER	HOPE CONSTRUCTION & REFINING	39.521594	-80.438657	1113	0	2759	2754	L G MUSGRAVE	WATER-UNREPORTED
47-049-72244-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.566581	-80.471069	1269	0	0	0	JOHN A HESS	UNREPORTED-UNREPORTED
47-049-00004-00	CARNEGIE PROD CO	UNREPORTED	OTHER	CARNEGIE PRODUCTION	39.551064	-80.457728	1063	1073	0	0	YOST, ELIHU 1478	OTHER-UNREPORTED
47-049-00397-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	TENNANT, R. 6843	OTHER-P & A
47-049-01781-00	PERKINS OIL & GAS, INC.	PRODUCING	GAS	PERKINS OIL & GAS	39.568336	-80.471812	2118	2127	3610	3610	HIBBS 3	GAS-PRODUCING
47-049-00387-00	ROSS AND WHARTON GAS COMPANY, INC.	P & A	OTHER	ROSS&WHARTON GAS CO	39.551064	-80.457728	1063	1072	0	0	MORRIS, A. 3865	OTHER-P & A
47-049-01782-00	PERKINS OIL & GAS, INC.	PRODUCING	GAS	PERKINS OIL & GAS	39.568916	-80.466676	1825	1834	3491	3491	HIBBS 4	GAS-PRODUCING
47-049-00430-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1072	2890	2890	MERRYFIELD, L. 2146	GAS-PRODUCING
47-049-00935-00	MUTSHELKNAUS, CLARENCE W	PRODUCING	GAS	MUTSHELKNAUS CLARENCE W	39.551064	-80.457728	1063	1073	0	0	MCGRAW 1	GAS-PRODUCING

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47-049-72222-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.564985	-80.467322	1326	0	0	0	GEORGE M ICE	UNREPORTED-UNREPORTED
47-049-72243-00	BP	UNREPORTED	UNREPORTED	BP	39.558163	-80.473504	1239	0	0	0	G CAMPBELL	UNREPORTED-UNREPORTED
47-049-00258-00	WOLF'S HEAD OIL REFINING CO., INC.	P & A	WATER	CONSOLIDATION COAL COMPANY	39.543308	-80.457942	1309	1318	2570	2570	GRIM, ROBERT D. 2905	WATER-P & A
47-049-00488-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	BLACKSHERE, B. F. 33	OTHER-P & A
47-049-00410-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	ROBINSON, DUDLEY 151	GAS-PRODUCING
47-049-72216-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.569484	-80.46601	1229	0	0	0	CAMPBELL & FLEMING	UNREPORTED-UNREPORTED
47-049-02120-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.546157	-80.465774	1364	1374	0	0	WALTERS, JAY T. 5454	OTHER-P & A
47-049-72250-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.550907	-80.463388	1169	0	0	0	EMERSON HAUGHT	UNREPORTED-UNREPORTED
47-049-72213-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.5705	-80.46245	1256	0	0	0	CAMPBELL & FLEMING	UNREPORTED-UNREPORTED
47-049-72247-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.554099	-80.461702	1248	0	0	0	RACHAEL EVANS	UNREPORTED-UNREPORTED
47-049-00679-00	PILLAR ENERGY	P & A	GAS	BUCKEYE OIL PRODUCING	39.551064	-80.457728	1063	1073	3415	3415	ASH 1	GAS-P & A
47-049-02065-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.535366	-80.453345	1412	1421	0	0	DUNCAN, ERIC O. 5329	OTHER-P & A
47-049-00866-00	NOUMENON CORPORATION	PRODUCING	GAS	WV MINERAL GROUP LLC	39.551064	-80.457728	1063	1073	3008	3008	SNODERLY, J. C. 98	GAS-PRODUCING
47-049-30392-00	SOUTH PENN OIL (S. PENN NAT. GAS)	INACTIVE COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.564276	-80.460127	1066	0	0	2057	J A HAWKINBERRY 1	OIL-INACTIVE COMPLETED
47-049-02076-00	CONSOLIDATION COAL COMPANY	P & A	GAS	CONSOLIDATION COAL COMPANY	39.52643	-80.442457	1163	1172	3130	3130	STEELE, ROBERT II 5327	GAS-P & A
47-049-00455-00	EQUITRANS MIDSTREAM	P & A	OTHER	LEATHERWOOD, INC.	39.533271	-80.440096	1086	1095	0	0	ARNETT 5332	OTHER-P & A
47-049-02125-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.546157	-80.465774	1364	1373	0	0	GRAY, JEFFREY B. 5454	OTHER-P & A
47-049-00048-00	(N/A)	P & A	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	HARRIS, M. W. 1	OTHER-P & A
47-049-70107-00	SOUTH PENN OIL (S. PENN NAT. GAS)	COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.551164	-80.457493	1039	0	2071	0	JOSEPH HAYHURST	OIL-COMPLETED
47-049-30119-00	HOPE CONSTRUCTION & REFINING	UNREPORTED	WATER	HOPE CONSTRUCTION & REFINING	39.563116	-80.47032	1388	0	2505	2045	J W KENDALL	WATER-UNREPORTED
47-049-72221-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.566	-80.466573	1267	0	0	0	CAMPBELL & FLEMING	UNREPORTED-UNREPORTED
47-049-00288-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	HARDMAN, FRENCH 4	OTHER-UNREPORTED
47-049-00542-00	DIVERSIFIED ENERGY	P & A	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	JONES, DAVID 1	GAS-P & A
47-049-00911-00	INVITATION ENERGY INC	P & A	OTHER	INVITATION ENERGY	39.551064	-80.457728	1063	1072	0	0	TOOTHMAN 1	OTHER-P & A
47-049-00422-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	HAMILTON, GEORGE 997	OTHER-P & A
47-049-72139-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.526656	-80.422472	1224	0	0	0	G W BEATTY	UNREPORTED-UNREPORTED
47-049-00271-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	MASON, LUTHER A-265	OTHER-UNREPORTED
47-049-02074-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.540499	-80.460707	1054	1063	0	0	POWELL TRACY R 5451	OTHER-P & A
47-049-00057-00	DIVERSIFIED ENERGY	UNREPORTED	OTHER	HOPE GAS	39.551064	-80.457728	1063	1073	0	0	RICE, JACOB 7737	OTHER-UNREPORTED
47-049-00526-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	HAMILTON, D. F. 8	OTHER-P & A
47-049-00582-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	TALKINGTON, A. O. 6	OTHER-P & A
47-049-02231-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.554257	-80.460543	1229	1238	0	0	LUCAS, WILLIAM C. & VICKIE E. 5356	OTHER-P & A
47-049-00061-00	CARNEGIE NATURAL GAS CO	P & A	GAS	CONSOLIDATION COAL COMPANY	39.533477	-80.454132	1315	1324	3437	3437	CONSOLIDATION COAL COMPANY 5331	GAS-P & A
47-049-00508-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	CUNNINGHAM, J. 8	OTHER-P & A
47-049-70243-00	FREEHOLD OIL & GAS	UNREPORTED	UNREPORTED	FREEHOLD OIL & GAS	39.543684	-80.4279	1019	0	0	0	B B BOARD	UNREPORTED-UNREPORTED
47-049-72219-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.567162	-80.466011	1094	0	0	0	CAMPBELL & FLEMING	UNREPORTED-UNREPORTED
47-049-00540-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	STURMS, HUEY 1	OTHER-P & A
47-049-00740-00	EMAX OIL COMPANY	UNREPORTED	OTHER	EMAX	39.551064	-80.457728	1063	1073	0	0	CANFIELD, CECIL B. S-415	OTHER-UNREPORTED

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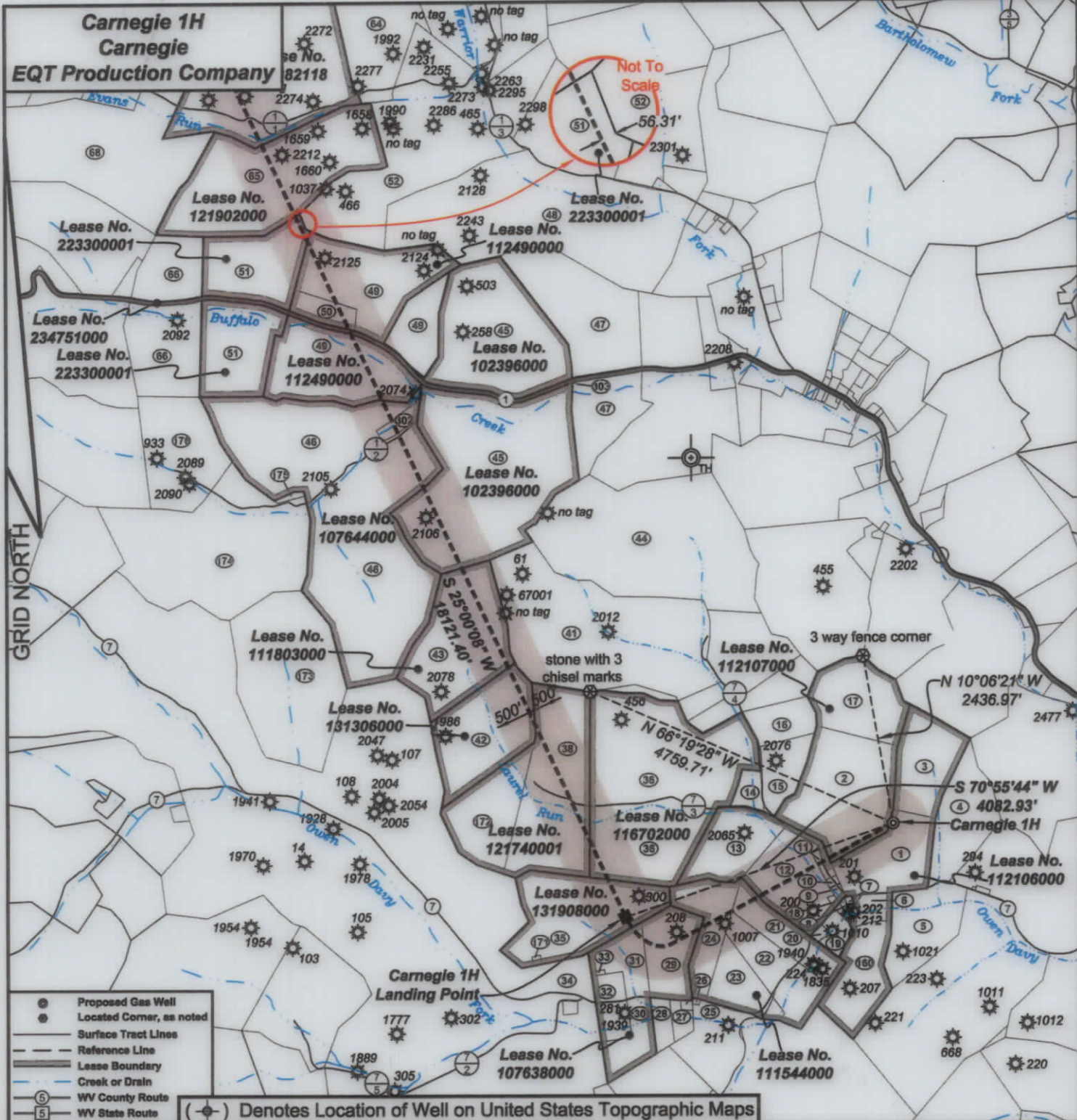
47-049-00747-00	EMAX OIL COMPANY	UNREPORTED	OTHER	EMAX	39.551064	-80.457728	1063	1073	0	0	FRANKLIN REAL ESTATE S-462	OTHER-UNREPORTED
47-049-00461-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	FLOYD, E. 1	OTHER-P & A
47-049-00247-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	TETRICK, LLOYD 1	OTHER-UNREPORTED
47-049-02295-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552574	-80.457088	1075	1084	0	0	PARRISH, WILLIAM H. 2885	OTHER-P & A
47-049-02012-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.531469	-80.451017	1150	1159	0	0	CONSOLIDATION COAL CO. 5330	OTHER-P & A
47-049-72289-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.534929	-80.453008	1337	0	0	0	KENNEDY BROS 1	UNREPORTED-UNREPORTED
47-049-00462-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	FLOYD, R. P. 5	OTHER-P & A
47-049-00378-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1072	0	0	BAYNE, L. 2941	OTHER-P & A
47-049-72223-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.564839	-80.469008	1388	0	0	0	GEORGE M ICE	UNREPORTED-UNREPORTED
47-049-00625-00	UNION GAS CORPORATION	UNREPORTED	OTHER	UNION GAS CORP (UNION GAS CO)	39.551064	-80.457728	1063	1073	0	0	JONES, JEANETTE 1	OTHER-UNREPORTED
47-049-02121-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.545585	-80.460954	1313	1323	0	0	WALTERS, JAY T. 5453	OTHER-P & A
47-049-02273-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.552604	-80.457611	1028	1037	0	0	LUCAS, WILLIAM C. 5341	OTHER-P & A
47-049-00720-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	HALL, N. E. 6	OTHER-P & A
47-049-00728-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	WELLS, C. E. 2	OTHER-P & A
47-049-02298-00	CONSOLIDATION COAL COMPANY	P & A	GAS	CONSOLIDATION COAL COMPANY	39.551215	-80.455329	1149	1158	0	0	HAMILTON, PRISCILLA 5338	GAS-P & A
47-049-00007-00	EQUITRANS MIDSTREAM	PERMIT EXPIRED	OIL & GAS	EQUITRANS	39.532607	-80.458144	1335	1345	2356	2356	HAYES, LANA 6198	OIL & GAS-PERMIT EXPIRED
47-049-30307-00	SOUTH PENN OIL (S. PENN NAT. GAS)	INACTIVE COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.569786	-80.464252	1088	0	0	2437	1	OIL-INACTIVE COMPLETED
47-049-00472-00	HOSTUTLER, D. DIANE	PRODUCING	OIL	HOSTUTLER D DIANE	39.551064	-80.457728	1063	1073	0	0	ASH, DORCAS 2	OIL-PRODUCING
47-049-70106-00	SOUTH PENN OIL (S. PENN NAT. GAS)	UNREPORTED	GAS	SOUTH PENN OIL (S PENN NAT GAS)	39.552965	-80.457872	1037	0	3088	0	JOSEPH HAYHURST	GAS-UNREPORTED
47-049-00719-00	(N/A)	P & A	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	FREELAND, T. F. 4	OTHER-P & A
47-049-00698-00	CONSOL	UNREPORTED	OTHER	CONSOL GAS COMPANY	39.551064	-80.457728	1063	1073	0	0	AMOS, JOHN 1-83-SH	OTHER-UNREPORTED
47-049-01658-00	CONSOL	P & A	OTHER	MOUNTAIN ENERGY	39.551028	-80.463641	1181	1190	0	0	ALLEGHENY FORESTLANDS, LLC 5457 (1)	OTHER-P & A
47-049-00465-00	COBHAM GAS INDUSTRIES, INC.	P & A	OIL	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	2071	2071	HAYHURST, J. 5342	OIL-P & A
47-049-00050-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	ASH HEIRS 1	OTHER-P & A
47-049-00201-00	EQUITRANS MIDSTREAM	DRILLED	OTHER	EQUITRANS	39.521601	-80.438596	1112	1121	0	0	MUSGRAVE, GUY F. 6169	OTHER-DRILLED
47-049-00448-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1072	1926	1926	GRIM 5169	GAS-PRODUCING
47-049-00452-00	EQUITABLE GAS COMPANY	INACTIVE PRODUCER	OTHER	EQUITABLE	39.551064	-80.457728	1063	1073	0	0	BRAND 5257	OTHER-INACTIVE PRODUCER
47-049-72201-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.559034	-80.457315	1181	0	0	0	MARY ICE	UNREPORTED-UNREPORTED
47-049-00269-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	FULAYTER, STEVE 1	OTHER-UNREPORTED
47-049-00717-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	FLUHARTY, HAMAN 2	OTHER-P & A
47-049-72242-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.559034	-80.472193	1078	0	0	0	FRANK SNIDER	UNREPORTED-UNREPORTED
47-049-72196-00	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.550907	-80.455442	1128	0	0	0	JOSEPH HAYHURST	UNREPORTED-UNREPORTED
47-049-00964-00	OIL & GAS IN	P & A	OTHER	C & J O&G	39.551064	-80.457728	1063	1073	0	0	ASH, DORCAS 1	OTHER-P & A
47-049-00743-00	FOX DRLG CO	UNREPORTED	OTHER	FOX DRLG	39.551064	-80.457728	1063	1073	0	0	SATTERFIELD, ORVAL R. 2	OTHER-UNREPORTED
47-049-00553-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	MORGAN, C. B. 3	GAS-PRODUCING
47-049-00715-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	EFAW, M. C. 1	OTHER-P & A
47-049-02301-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.55005	-80.447273	1094	1103	0	0	CONSOLIDATION COAL COMPANY 5336 S.C. & JENNIE THORNE (C/O PATTY STURM) ET	OTHER-P & A
47-049-02477-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.528112	-80.427201	1001	1010	0	0	AL R-275	OTHER-P & A

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47-049-30341-00	SOUTH PENN OIL (S. PENN NAT. GAS)	INACTIVE COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39 564421	-80.465823	1289	0	0	2472	GEO M ICE 4	OIL-INACTIVE COMPLETED
47-049-02028-00	CONSOLIDATION COAL COMPANY	P & A	GAS	CONSOLIDATION COAL COMPANY	39.535784	-80.431759	1080	1089	2813	2813	BAKER, LARRY E. 5235	GAS-P & A
47-049-00500-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	CONAWAY, BELLE 2	GAS-PRODUCING
47-049-00609-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	YOST, SUSAN 9	GAS-PRODUCING
47-049-30229-00	MILLIKEN, H. E., & SNIDER, A. M.	DRILLED	WATER	MILLIKEN, H. E., & SNIDER, A. M.	39.55282	-80.457498	1037	0	2045	2019	J D CHARLTON	WATER-DRILLED
47-049-72241-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.561936	-80.467885	1383	0	0	0	GEORGE M ICE	UNREPORTED-UNREPORTED
47-049-00592-00	ERP FEDERAL MINING COMPLEX, LLC	P & A	OTHER	ERP FEDERAL MINING COMPLEX, LLC	39.551064	-80.457728	1063	1073	0	0	TUCKER, D. D. 3	OTHER-P & A
47-049-00173-00	B F HUEY	P & A	WATER	OPERATOR UNKNOWN	39.55835	-80.437673	1095	1104	3317	3317	HUEY, B G 1	WATER-P & A
47-049-72207-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.56542	-80.459828	1176	0	0	0	A HOCKINBERRY	UNREPORTED-UNREPORTED
47-049-02124-00	CONSOLIDATION COAL COMPANY WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL&GAS	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.545585	-80.460954	1313	1322	0	0	GRAY, JEFFREY B. 5453	OTHER-P & A
47-049-00817-00	COMMONWEALTH ENERGY, INC.	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	BAKER 2	OTHER-P & A
47-049-00523-00	COMMONWEALTH ENERGY, INC.	P & A	OTHER	COMMONWEALTH ENERGY	39.551064	-80.457728	1063	1073	0	0	GLOVER, A. M. 1	OTHER-P & A
47-049-00575-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	SNODERLY, M. S. 5	GAS-PRODUCING
47-049-30192-00	SOUTH PENN OIL (S. PENN NAT. GAS)	INACTIVE COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.554125	-80.458622	1080	0	0	2101	JOSEPH HAYHURST 3	OIL-INACTIVE COMPLETED
47-049-72204-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.559034	-80.462076	1064	0	0	0	MARY ICE	UNREPORTED-UNREPORTED
47-049-72244-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.556566	-80.462826	1346	0	0	0	ENOCH EVANS	UNREPORTED-UNREPORTED
47-049-00934-00	MUTSCHELKNAUS, CLARENCE W	PRODUCING	OIL	MUTSCHELKNAUS CLARENCE W	39.551064	-80.457728	1063	1073	0	0	HAMILTON 1	OIL-PRODUCING
47-049-72200-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.555841	-80.457691	1046	0	0	0	ENOCH EVANS	UNREPORTED-UNREPORTED
47-049-70249-00	BP	UNREPORTED	UNREPORTE D	BP	39.526656	-80.442142	1196	0	0	0	JAS HAYES 1	UNREPORTED-UNREPORTED
47-049-72248-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.551922	-80.46676	1146	0	0	0	RACHAEL EVANS	UNREPORTED-UNREPORTED
47-049-72288-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.535655	-80.460017	1245	0	0	0	D L CUNNINGHAM	UNREPORTED-UNREPORTED
47-049-30109-00	HOPE CONSTRUCTION & REFINING	UNREPORTED	WATER	HOPE CONSTRUCTION & REFINING	39.564856	-80.464887	1281	0	2471	2464	O J CUNNINGHAM	WATER-UNREPORTED
47-049-00618-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	BEATY, M. A. 20	GAS-PRODUCING
47-049-00727-00	(N/A)	P & A	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1072	0	0	MICHAEL, E. I. 1	OTHER-P & A
47-049-30951-00	BISSETT, A & M.	UNREPORTED	UNREPORTE D	BISSETT, A. & M.	39.552965	-80.455999	1199	0	0	0	JOSEPH HAYHURST	UNREPORTED-UNREPORTED
47-049-00616-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	BEATY, M. A. 15	GAS-PRODUCING
47-049-72239-00	BP	UNREPORTED	UNREPORTE D	BP	39.562227	-80.471443	1232	0	0	0	JOHN W KENDALL	UNREPORTED-UNREPORTED
47-049-02458-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.535155	-80.428505	1341	1350	0	0	BAKER, LARRY E. 5239	OTHER-P & A
47-049-00559-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	MORGAN, N. 5	GAS-PRODUCING
47-049-00774-00	DIVERSIFIED ENERGY	P & A	GAS	DOMINION ENERGY TRANSMISSION, INC.	39.551064	-80.457728	1063	1072	2939	2939	FETTY, V. 3170	GAS-P & A
47-049-00576-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	SNODERLY, M. S. 7	OTHER-P & A
47-049-72253-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.549891	-80.466574	1244	0	0	0	EMERSON HAUGHT	UNREPORTED-UNREPORTED
47-049-01660-00	CONSOL	P & A	OTHER	MOUNTAIN ENERGY	39.54972	-80.465292	1324	1333	0	0	ALLEGHENY FORESTLAND, LLC 5456	OTHER-P & A
47-049-02075-00	CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.544037	-80.42819	1041	1050	0	0	SNODGRASS, TOM LEE 5250	OTHER-P & A
47-049-72211-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.569919	-80.457502	1350	0	0	0	JAMES CAMPBELL	UNREPORTED-UNREPORTED
47-049-72202-00	(N/A)	UNREPORTED	UNREPORTE D	(N/A)	39.560631	-80.456566	1127	0	0	0	JACOB OTT	UNREPORTED-UNREPORTED
47-049-00136-00	(N/A)	P & A	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	BUCKLEW, N. E. 2	OTHER-P & A
47-049-00200-00	EQUITRANS MIDSTREAM	DRILLED	OTHER	EQUITRANS	39.520126	-80.440456	1149	1158	0	0	ELSHELMAN, ROGER 6168	OTHER-DRILLED

47-049-00483-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	BLACKSHERE, B. F. 22	OTHER-P & A
47-049-00571-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	PRICHARD, M. A. 9	OTHER-P & A
47-049-01784-00	PERKINS OIL & GAS, INC.	PRODUCING	OIL & GAS	PERKINS OIL & GAS	39.554893	-80.472483	1358	1367	3630	3630	RIGGS 2	OIL & GAS-PRODUCING
47-049-00549-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1073	0	0	KOEN-MCGRAW 7	OTHER-P & A
47-049-00741-00	FOX DRLG CO	UNREPORTED	OTHER	FOX DRLG	39.551064	-80.457728	1063	1073	0	0	MICHAEL, J. R., ETUX 1	OTHER-UNREPORTED
47-049-30591-00	TRI-STATE PIPE COMPANY, THE	COMPLETED	OIL	TRI-STATE PIPE COMPANY, THE	39.55253	-80.460495	1051	0	0	2079	JOSEPH HAYHURST 9	OIL-COMPLETED
47-049-30188-00	HOPE CONSTRUCTION & REFINING	UNREPORTED	OIL	HOPE CONSTRUCTION & REFINING	39.571381	-80.459381	1410	0	2522	2516	JAMES CAMPBELL	OIL-UNREPORTED
47-049-70212-00	SOUTH PENN OIL (S. PENN NAT GAS)	UNREPORTED	UNREPORTE D	SOUTH PENN OIL (S PENN NAT GAS)	39.540881	-80.460391	1074	0	0	0	RILEY ARNETT	UNREPORTED-UNREPORTED
47-049-00140-00	(N/A)	UNREPORTED	OTHER	OPERATOR UNKNOWN	39.551064	-80.457728	1063	1073	0	0	MOORE, W. B. 1	OTHER-UNREPORTED
47-049-00005-00	O-I GLASS	P & A	OTHER	O-I GLASS	39.551064	-80.457728	1063	1073	0	0	KEEFOVER, O. A. 140	OTHER-P & A
47-049-00372-00	DIVERSIFIED ENERGY	PRODUCING	GAS	DIVERSIFIED PRODUCTION	39.551064	-80.457728	1063	1072	0	0	AMOS, D. 2589	GAS-PRODUCING
47-049-00520-00	DIVERSIFIED ENERGY	P & A	OTHER	DIVERSIFIED ENERGY	39.551064	-80.457728	1063	1073	0	0	FURBEE, J. H. 4	OTHER-P & A
47-049-00936-00	CONSOL	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.551064	-80.457728	1063	1073	0	0	THORNE 1	OTHER-P & A
47-049-30123-00	HOPE CONSTRUCTION & REFINING	UNREPORTED	WATER	HOPE CONSTRUCTION & REFINING	39.569786	-80.461327	1272	0	2468	0	JAMES CAMPBELL	WATER-UNREPORTED
47-049-00095-00	(N/A)	P & A	OTHER	(N/A)	39.551064	-80.457728	1063	1073	0	0	CARPENTER, DENZEL E. 1	OTHER-P & A
47-049-00293-00	CONSOLIDATION COAL COMPANY	P & A	DRY HOLE	CONSOLIDATION COAL COMPANY	39.524479	-80.447575	1058	1067	2931	2931	MORGAN, NANCY J. 5325	DRY HOLE-P & A
47-049-00292-00	EQUITRANS MIDSTREAM	P & A	OIL	CONSOLIDATION COAL COMPANY	39.523753	-80.44514	1066	1075	2228	2228	DUNCAN, ERIC O. 5324	OIL-P & A

RECEIVED
Office Of Oil and Gas
APR 10 2024
WV Department of
Environmental Protection



- ⊙ Proposed Gas Well
 - ⊙ Located Corner, as noted
 - Surface Tract Lines
 - - - Reference Line
 - ▬ Lease Boundary
 - Creek or Drain
 - ⑦ WV County Route
 - ⑤ WV State Routes
- (⊙) Denotes Location of Well on United States Topographic Maps



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 1H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: April 04 20 24
OPERATOR'S WELL NO.: Carnegie 1H
API WELL NO
47 - 049 - 02520
STATE COUNTY PERMIT

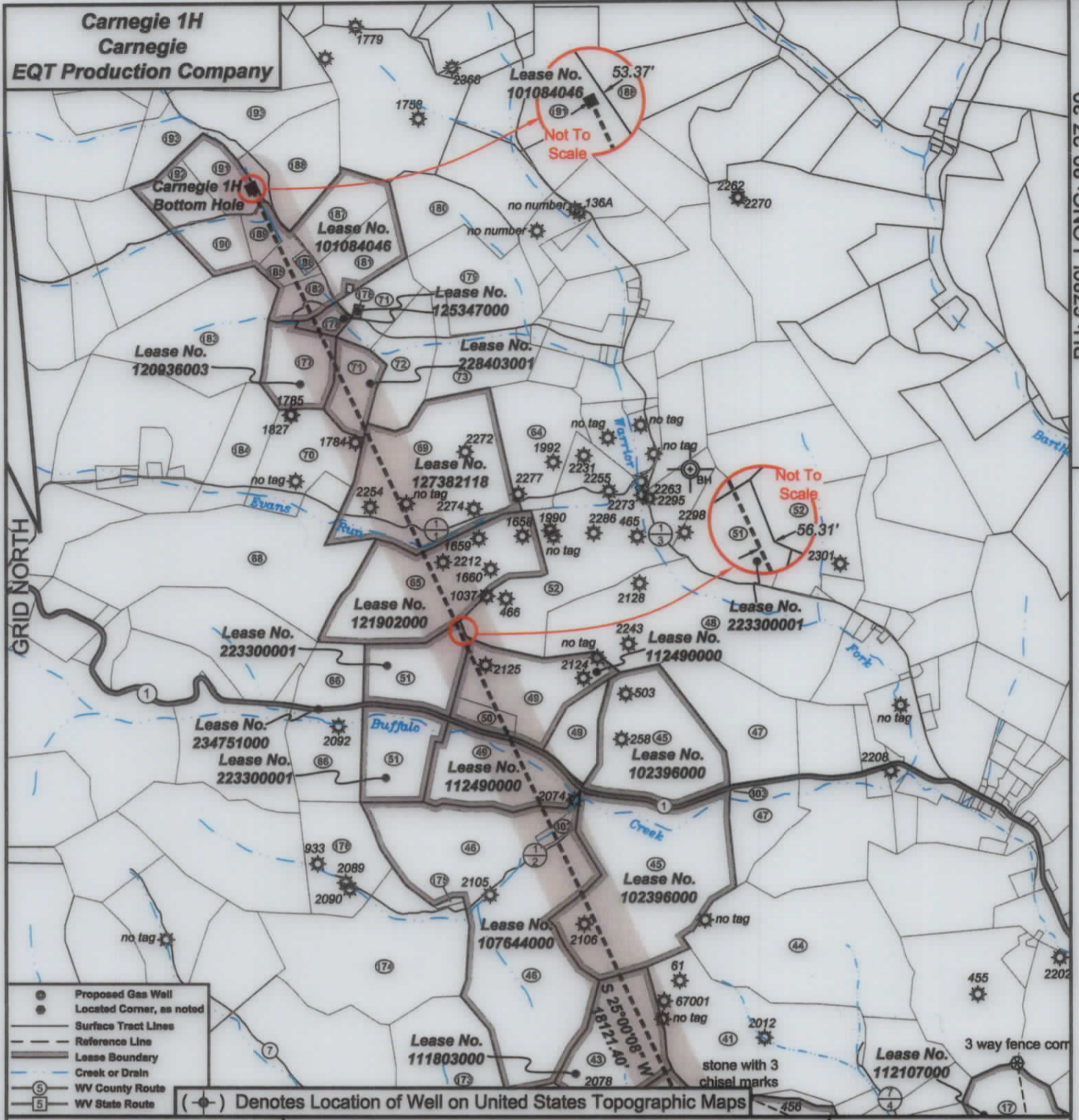
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built: 1318' WATERSHED: Laurel Run of Owen Davy Fork QUADRANGLE: Glover Gap
DISTRICT: Mannington COUNTY: Marion
SURFACE OWNER: Jeanne A. Musgrave Akers & Joseph Forte ACREAGE: 26.96
ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO: 112106000 ACREAGE: 135
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,712'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 25301

05/03/2024

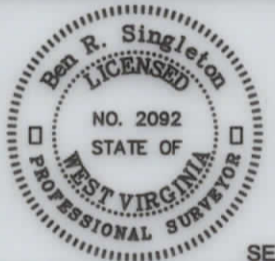
BH: 5521' LAT: 39-35-00

BH: 6780' LONG: 80-27-30



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 1H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: April 04 20 24
OPERATOR'S WELL NO.: Carnegie 1H
API WELL NO
47 - 049 - 02520
STATE COUNTY PERMIT

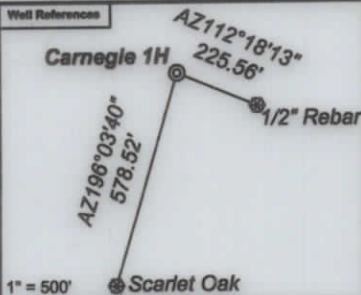
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built: 1318' WATERSHED Laurel Run of Owen Davy Fork QUADRANGLE: Glover Gap
DISTRICT: Mannington COUNTY: Marion
SURFACE OWNER: Jeanne A. Musgrave Akers & Joseph Forte ACREAGE: 28.96
ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO.: 112106000 ACREAGE: 135
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 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,712'

WELL OPERATOR: EQT Production Company DESIGNED AGENT: Joseph C. Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 25301

05/03/2024

**Carnegie 1H
Carnegie
EQT Production Company**

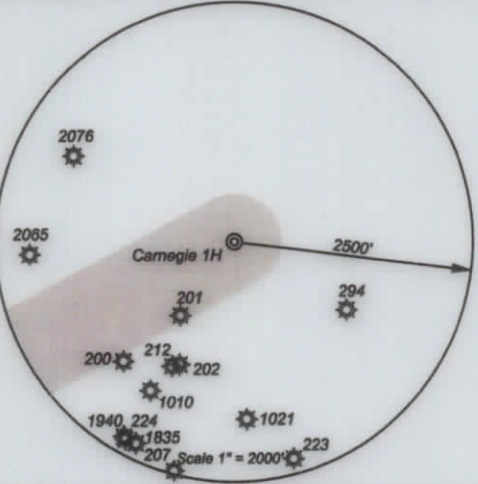
Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	46	39	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	28.86
2	49	87	Marion	Mannington	Jeannette I.P.	51.5
3	49	91.1	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	78.4
4	49	40	Marion	Mannington	Marshall & Dick Carnegie	36
5	40	14	Marion	Mannington	Malvin I. Houch Sr.	76
6	40	15	Marion	Mannington	Perry R. & Janice M. Ihorne	5.61
7	50	16	Marion	Mannington	Richard H. & Lucy M. Lambert	0.66
8	50	17	Marion	Mannington	Jason H. & Brandy L. Batson	0.32
9	48	13	Marion	Mannington	Harlen O. & Diana S. Batson	1.1
10	48	13.2	Marion	Mannington	Dustin Earl	0.73
11	48	13.1	Marion	Mannington	Gary A. & Sheila D. Earl	2.02
12	48	14	Marion	Mannington	Roger L. & Pauline A. Culhman	25.09
13	48	15	Marion	Mannington	Dimer O. & Alta G. Duncan	23.5
14	48	16	Marion	Mannington	William C. Cripier	5.5
15	49	36	Marion	Mannington	Frederic R. & Kimberly P. Steele	15.25
16	49	35	Marion	Mannington	Trustees Mannington Church of Christ	13
17	49	38	Marion	Mannington	Thomas B. Wright	30
18	48	12	Marion	Mannington	Harlen O. & Diana S. Batson	0.45
19	50	19	Marion	Mannington	Brenda D. Stull	4.586
20	50	19.1	Marion	Mannington	Brenda D. Stull	0.873
21	48	11	Marion	Mannington	Consolidation Coal Company	17.5
22	48	10	Marion	Mannington	Marion County Coal Resources Inc	22
23	48	9	Marion	Mannington	Consolidation Coal Company	15.62
24	48	8	Marion	Mannington	Timothy & Tonya Hought	18.18
25	51	6	Marion	Mannington	Marion County Coal Resources Inc	20.17
26	51	7	Marion	Mannington	Marion County Coal Resources Inc	0.075
27	51	8	Marion	Mannington	Marion County Coal Resources Inc	4.17
28	51	9	Marion	Mannington	Marion County Coal Resources Inc	4.17
29	48	7	Marion	Mannington	Marion County Coal Resources Inc	76.61
30	51	10	Marion	Mannington	Marion County Coal Resources Inc	14
31	48	6	Marion	Mannington	Marion County Coal Resources Inc	19.44
32	48	6.1	Marion	Mannington	County Commission of Marion County	9.81
33	48	6.2	Marion	Mannington	Marion County Commission	0.26
34	48	2	Marion	Mannington	Marion County Commission	84.34
35	48	5	Marion	Mannington	Marion County Coal Resources Inc	46.89
36	48	17	Marion	Mannington	George A. & Ada D. Stahl	117.5
38	48	4	Marion	Mannington	Mark A. Barron	57
41	48	18	Marion	Mannington	Jason D. Beuty, et al.	101.25
42	48	2	Marion	Mannington	EQT Production Company	40
43	48	1	Marion	Mannington	David L. & Karla A. James	56.5
44	48	19	Marion	Mannington	Dennis L. & Denise D. Spomaugle	105.45
45	45	8	Marion	Mannington	Sharon A. Grim	185.959
46	46	5	Marion	Mannington	Ruby L. Herndon	182.04
47	44	34	Marion	Mannington	Billy E. & Cheryl A. Garrison	74.93
48	44	37	Marion	Mannington	Priscilla A. Hamilton	157.3
49	45	9	Marion	Mannington	Jeffrey B. & Pamela J. Gray	107.277
50	45	6.1	Marion	Mannington	Burton R. & Mary A. Powell	8
51	45	10	Marion	Mannington	Lisa A. & Ronn H. Powell	68
52	45	21	Marion	Mannington	Yvonne K. Sizis	104.194
54	45	22	Marion	Mannington	Thomas J. Snodgrass	44.44
55	45	20	Marion	Mannington	EQT Production Company	78.5
56	45	5	Marion	Mannington	Harry R. & Suzanne M. Morris	57
58	45	17	Marion	Mannington	EQT Production Company	175.73
59	45	24	Marion	Mannington	Thomas J. Snodgrass	116.5
61	45	24	Marion	Mannington	Barbara Henderson, et al	88.5
71	44	7	Marion	Mannington	Gary T. & Alice T. Young	47.7
72	44	1	Marion	Mannington	Wilbert & Alberta Higgins	42.5
74	47	7	Marion	Mannington	Sharon A. Grim	93
160	50	15.1	Marion	Mannington	Harrison County Coal Resources Inc	18.42
171	48	5.1	Marion	Mannington	County Commission of Marion County	0.36
172	48	3	Marion	Mannington	Mark A. Barron	27.5
173	48	4	Marion	Mannington	Mike Ross Inc.	67.87
174	48	6	Marion	Mannington	Patricia A. Culheman	100
175	48	6.2	Marion	Mannington	Patricia A. Culheman	0.94
176	48	6.1	Marion	Mannington	Patricia A. Culheman	40
177	43	4	Marion	Mannington	Gary W. Snider	27
178	43	3	Marion	Mannington	Gary W. Snider	5.4
179	42	6	Marion	Mannington	Monica J. & Randall W. Valentine	46.184
180	43	5	Marion	Mannington	Louis J. Chausagnat	38.4
181	43	4	Marion	Mannington	Randy & Joann Mayhew	21.31
182	43	0	Marion	Mannington	Robert K. & Yvonne J. Lane	6.71
183	43	5	Marion	Mannington	Randy D. Starkey	07.25
184	45	25	Marion	Mannington	Kenneth L. & Jennifer M. Jones	20.7
195	44	6.7	Marion	Mannington	Thomas A. & Betty I. Heldreth	14.74
196	44	6.1	Marion	Mannington	Thomas A. & Betty I. Heldreth	1.446
197	47	7	Marion	Mannington	Isale & Velma L. Watson	71.47
198	47	7	Marion	Mannington	Isale & Velma L. Watson	78
199	44	7	Marion	Mannington	Thomas A. & Betty I. Heldreth	16.7
198	44	X	Marion	Mannington	James J. & Lucie Gail	16.7
201	43	13	Marion	Mannington	Thomas A. & Betty L. Heldreth	15.72
202	43	12	Marion	Mannington	Thomas A. & Betty L. Heldreth	16.75
203	43	15	Marion	Mannington	Thomas W. Neer	16.75
302	46	5.1	Marion	Mannington	Nancy A. & Tracy R. Powell	2.36
303	45	8.1	Marion	Mannington	Mannington Public Service District	0.04



Notes:
 Carnegie 1H coordinates are
 NAD 27 N: 374,205.81 E: 1,735,825.08
 NAD 27 Lat: 39.523633 Long: -80.436505
 NAD 83 UTM N: 4,375,048.39 E: 548,448.76
 Carnegie 1H Landing Point coordinates are
 NAD 27 N: 372,871.54 E: 1,731,966.26
 NAD 27 Lat: 39.519880 Long: -80.450133
 NAD 83 UTM N: 4,374,622.33 E: 547,279.88
 Carnegie 1H Bottom Hole coordinates are
 NAD 27 N: 389,294.80 E: 1,724,307.18
 NAD 27 Lat: 39.564722 Long: -80.477915
 NAD 83 UTM N: 4,379,586.99 E: 544,863.14
 West Virginia Coordinate system of 1927 (North Zone)
 based upon Differential GPS Measurements.
 Plat orientation, corner and well ties are based upon
 the grid north meridian.
 Well location references are based upon the grid north
 meridian.
 UTM coordinates are NAD83, Zone 17, Meters.

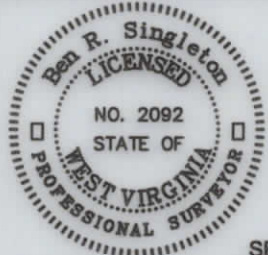
- Carnegie**
- ⊙ Carnegie 19H
 - ⊙ Carnegie 17H
 - ⊙ Carnegie 15H
 - ⊙ Carnegie 13H
 - ⊙ Carnegie 11H
 - ⊙ Carnegie 9H
 - ⊙ Carnegie 7H
 - ⊙ Carnegie 5H
 - ⊙ Carnegie 3H
 - ⊙ Carnegie 1H

Lease No.	Owner	Acres
112106000	Bounty Minerals, LLC, et al.	135
112107000	EQT Production Company, et al.	81
111544000	Bounty Minerals, LLC, et al.	80
107638000	Bounty Minerals, LLC, et al.	87
116702000	CNX Gas Company LLC, et al.	123
131908000	Bounty Minerals, LLC	48
121740001	EQT Production Company, et al.	84
131308000	EQT Production Company	40
111803000	Country Roads Minerals LLC, et al.	56
102298000	Bounty Minerals LLC	186
107644000	XTO Energy Inc.	185
112490000	Ridgetop Appalachia LLC, et al.	108
234751000	West Virginia Department of Transportation, Division of Highways	46.86
223300001	Lae and Hall Royalties, et al.	68
121802000	Timothy D. Gooch	78.5
127382118	Regina C. Evans, et al.	105.5
228403001	Mike Ross Inc., et al.	20
126938003	Country Roads Minerals LLC, et al.	27
125347000	Gary Wayne Snider	6.4
101084048	Thomas L. Cook, et al.	119.784



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Ben R. Singleton
 P.S. 2092



FILE NO: 92-21
 DRAWING NO: Carnegie 1H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: April 04 20 24
 OPERATOR'S WELL NO.: Carnegie 1H
 API WELL NO: 47 - 049 - 02520
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: As-Built: 1318' WATERSHED: Laurel Run of Owen Davy Fork QUADRANGLE: Glover Gap
 DISTRICT: Mannington COUNTY: Marion
 SURFACE OWNER: Jeanne A. Musgrave Akers & Joseph Forte ACREAGE: 28.96
 ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO: 112106000 ACREAGE: 135
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,712'
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
 Canonsburg, PA 15317 Clarksville, WV 25301

05/03/2024

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
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See Attached

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company
 By: John Zavatchan
 Its: Project Specialist - Permitting

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>112106000</u>	<u>Bounty Minerals, LLC, et al.</u> Guy F. Musgrave, single, et al. Pittsburgh and West Virginia Gas Company Pittsburgh and West Virginia Gas Company Equitable Gas Company Equitrans, Inc. Equitable Gas Company, LLC Equitrans, LP	135 ac	Pittsburgh and West Virginia Gas Company Equitable Gas Company Equitable Gas Company Equitrans, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 465/312 DB 510/487 DB 511/539 AB 12/279 DB 1148/296 AB 46/660 DB 1114/130
<u>112107000</u>	<u>EQT Production Company, et al.</u> Howard Wright and Helen Wright, his wife, et al. Equitable Gas Company Equitrans, Inc. Equitable Gas Company, LLC Equitrans, LP	81 ac	Equitable Gas Company Equitrans, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 667/33 AB 12/279 DB 1148/296 AB 46/660 DB 1114/130
<u>111544000</u>	<u>Bounty Minerals, LLC, et al.</u> John Lawlis and Arsula Lawlis, his wife South Penn Oil Company South Penn Natural Gas Company Pittsburgh and West Virginia Gas Company Equitable Gas Company Equitrans, Inc. Equitable Gas Company, LLC Equitrans, LP	80 ac	South Penn Oil Company South Penn Natural Gas Company Pittsburgh and West Virginia Gas Company Equitable Gas Company Equitrans, Inc. Equitable Gas Company, LLC Equitrans, LP EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 156/218 DB 353/201 DB 480/383 DB 714/159 AB 12/279 DB 1148/296 AB 46/660 DB 1114/130

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107638000

Bounty Minerals, LLC, et al.

"at least 1/8th per WV
Code 22-6-8"

C.H. Cunningham and Sadie F. Cunningham, his wife, et al.	67 ac	Pittsburgh and West Virginia Gas Company	DB 465/309
Pittsburgh and West Virginia Gas Company		Equitable Gas Company	DB 510/487
Pittsburgh and West Virginia Gas Company		Equitable Gas Company	DB 511/539
Equitable Gas Company		Equitrans, Inc.	AB 12/279
Equitrans, Inc.		Equitable Gas Company, LLC	DB 1148/296
Equitable Gas Company, LLC		Equitrans, LP	AB 46/660
Equitrans, LP		EQT Production Company	DB 1114/130

116702000

CNX Gas Company LLC, et al.

"at least 1/8th per WV
Code 22-6-8"

Nanci Jean Morgan a/k/a Nanci Jean Morgan-Schmidt, a single woman	123 ac	Equitable Production Company	DB 1051/506
Equitable Production Company		EQT Production Company	Corp Book 13/14

131908000

Bounty Minerals, LLC

"at least 1/8th per WV
Code 22-6-8"

John D. Cunningham and Florence Cunningham, his wife	48 ac	Equitable Gas Company	DB 730/264
Equitable Gas Company		Equitrans, Inc.	AB 12/279
Equitrans, Inc.		Equitable Gas Company, LLC	DB 1148/296
Equitable Gas Company, LLC		Equitrans, LP	AB 46/660
Equitrans, LP		EQT Production Company	DB 1114/130

121740001

EQT Production Company, et al.

"at least 1/8th per WV
Code 22-6-8"

Carl V. Burdine and Doris N. Burdine, his wife	84 ac	Equitable Gas Company	DB 729/370
Equitable Gas Company		Equitrans, Inc.	AB 12/279
Equitrans, Inc.		Equitable Gas Company, LLC	DB 1148/296
Equitable Gas Company, LLC		Equitrans, LP	AB 46/660
Equitrans, LP		EQT Production Company	DB 1114/127

131306000

EQT Production Company

"at least 1/8th per WV
Code 22-6-8"

Edward R. Barron, Jr., and Vicky Sue Barron, husband and wife	40 ac	EQT Production Company	DB 1135/113
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Country Roads Minerals LLC, et al.

Lana Hays and J. H. Hays, her husband
Carnegie Natural Gas Company
Equitable Gas Company
Equitrans, Inc.
Equitable Gas Company, LLC
Equitrans, LP

56 ac

Carnegie Natural Gas Company
Equitable Gas Company
Equitrans, Inc.
Equitable Gas Company, LLC
Equitrans, LP
EQT Production Company

*at least 1/8th per WV
Code 22-6-8*

DB 286/161
DB 568/353
AB 12/279
DB 1148/296
AB 46/660
DB 1114/127

102396000

Bounty Minerals LLC

Bounty Minerals LLC

186 ac

EQT Production Company

*at least 1/8th per WV
Code 22-6-8*

DB 1223/164

107644000

XTO Energy Inc.

Howard Digman and Pearl Digman, his wife
Katharine Bundy and Walter R. Bundy, her husband
Equitable Gas Company
Equitrans, Inc.
Equitable Gas Company, LLC
Equitrans, LP

185 ac

Equitable Gas Company
Equitrans, Inc.
Equitable Gas Company, LLC
Equitrans, LP
EQT Production Company

*at least 1/8th per WV
Code 22-6-8*

DB 724/651
AB 12/279
DB 1148/296
AB 46/660
DB 1114/127

112498000

Ridge Top Appalachia LLC, et al.

Gordon M. Ice and A. R. Ice, her husband, et al.
Equitable Gas Company
Equitrans, Inc.
Equitable Gas Company, LLC
Equitrans, LP

108 ac

Equitable Gas Company
Equitrans, Inc.
Equitable Gas Company, LLC
Equitrans, LP
EQT Production Company

*at least 1/8th per WV
Code 22-6-8*

DB 663/383
AB 12/279
DB 1148/296
AB 46/660
DB 1114/127

234751000

**West Virginia Department of Transportation, Division of
Highways**

West Virginia Department of Transportation, Division of
Highways

46.86 ac

EQT Production Company

*at least 1/8th per WV
Code 22-6-8*

DB 1336/524

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<u>223300001</u>	<u>Lee and Hall Royalties, et al.</u> Lee and Hall Royalties, a Partnership	68 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1310/1091
<u>121902000</u>	<u>Timothy D. Gooch</u> Timothy D. Gooch Antero Resources Corporation	78.5 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1199/256 AB 56/332
<u>127382118</u>	<u>Regina C. Evans, et al.</u> Regina C. Evans	105.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1297/517
<u>228403001</u>	<u>Mike Ross Inc., et al.</u> Mike Ross Inc.	20 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1321/729
<u>120936003</u>	<u>Country Roads Minerals LLC, et al.</u> James Melville May and Carol Hart May, husband and wife	27 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1194/573
<u>125347000</u>	<u>Gary Wayne Snider</u> Gary Wayne Snider and Alice Nell Snider, husband and wife	6.4 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1196/114
<u>101084046</u>	<u>Thomas L. Cook, et al.</u> Thomas L. Cook	119.784 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1318/638

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