

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-095-02774 County TYLER District CENTERVILLE
Quad WEST UNION Pad Name SHR37 Field/Pool Name _____
Farm name CNX GAS COMPANY LLC Well Number SHR37QHSM
Operator (as registered with the OOG) CNX GAS COMPANY LLC 494458046
Address 1000 HORIZON VUE DRIVE City CANONSBURG State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4356018.250 Easting 513292.589
Landing Point of Curve Northing 4355953.034 Easting 513688.359
Bottom Hole Northing 4353802.561 Easting 514471.130

Elevation (ft) 828' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
SYNTHETIC BASED FLUID

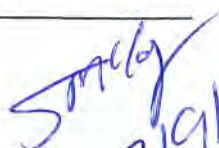
ADDITIVES: ABS MUL (EMULSIFIER), CALCIUM CHLORIDE, FLR PLUS (GILSONITE), CLAYTONE EM (SUSPENSION AGENT), AES WA II (WETTING AGENT), LIME

Date permit issued 12.16.2021 Date drilling commenced 06.04.2022 Date drilling ceased 06.14.2022
Date completion activities began 07.31.2022 Date completion activities ceased 09.17.2022
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 92', 126', 144', 148', 150', 176', 220' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,748' 2,458' Void(s) encountered (Y/N) depths N
Coal depth(s) ft No mineable seams, trace @ 154', 526', 618', 955', 992, 1044, Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:


03/17/2023

WR-35
Rev. 8/23/13

API 47-095 - 02774 Farm name CNX GAS COMPANY LLC Well number SHR37QHSM

| CASING STRINGS | Hole Size | Casing Size | Depth | New or Used | Grade w/ft | Basket Depth(s) | Did cement circulate (Y/N) * Provide details below* |
|---------------------------|-----------|---------------------|---------|-------------|-----------------|-----------------|--|
| Conductor | 30" | 20" | 100' | NEW | 94 lb/ft | N/A | GROUT TO SURFACE |
| Surface | 17.5" | 13.375" | 357' | NEW | J-55 54.5 lb/ft | N/A | Y - CEMENT TO SURFACE |
| Coal | | | | | | | |
| Intermediate 1 | 12.25" | 9.625" | 5,295' | NEW | J-55 36 lb/ft | N/A | Y - CEMENT TO SURFACE |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8.5" | 5.5" | 14,411' | NEW | P-110 20 lb/ft | N/A | Y - TOC @ 1,057 |
| Tubing | | | | | | | |
| Packer type and depth set | | Mechanical @ 2,618' | | | | | |

Comment Details ALL DEPTHS ARE REFERENCE TO GROUND LEVEL (-28' KB)

| CEMENT DATA | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft ³ /sks) | Volume (ft ³) | Cement Top (MD) | WOC (hrs) |
|----------------|----------------------|-----------------------|-----------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor | READY MIX | 10 YARDS | | | | | |
| Surface | HALCEM | 295 | 15.8 | 1.17 | 345 | SURFACE | 8 |
| Coal | | | | | | | |
| Intermediate 1 | HALCEM / HALCEM | 710 (1st) / 850 (2nd) | 15.8 / 15.8 | 1.20 / 1.15 | 852 / 978 | SURFACE | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | NEOCEM / NEOCEM | 985 (L) / 1,995 (T) | 14.8 / 14.8 | 1.16 / 1.16 | 1,143 / 2,314 | 1,057' | 8 |
| Tubing | | | | | | | |

Drillers TD (ft) 14,434' (MD @GL) Loggers TD (ft) 14,434' (MD @GL)
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5,582' (MD @GL)

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
SURFACE = 4: Centralize every other joint from shoe to surface
INTERMEDIATE = 61: Centralize every other joint from shoe to surface
PRODUCTION = 245: Centralize every joint from shoe to TOC

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS Plug and perforation _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

Smiley
2/17/23
03/17/2023

API 47- 095 - 02774 Farm name CNX GAS COMPANY LLC Well number SHR37QHSM

| PRODUCING FORMATION(S) | DEPTHS | | |
|---------------------------|--------------|-----|-----------------|
| MARCELLUS (landing point) | 6,304' (@GL) | TVD | 6,898' (@GL) MD |
| | | | |
| | | | |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1500 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 7927.20 mcfpd Oil 85 bpd NGL _____ bpd Water 617 bpd GAS MEASURED BY Estimated Orifice Pilot

| LITHOLOGY/ FORMATION | TOP DEPTH IN FT NAME TVD | BOTTOM DEPTH IN FT TVD | TOP DEPTH IN FT MD | BOTTOM DEPTH IN FT MD | DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC) |
|-------------------------|--------------------------------|------------------------------|--------------------------|-----------------------------|--|
| | 0 | | 0 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | FORMATION LOG ATTACHED |
| | | | | | |
| | | | | | |
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Please insert additional pages as applicable.

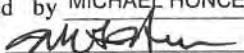
Drilling Contractor PATTERSON UTI DRILLING
Address 100 GALLAWAY DRIVE City EIGHTY FOUR State PA Zip 15330

Logging Company SCHLUMBERGER
Address 3600 BRIARPARK DRIVE City HOUSTON State TX Zip 77042

Cementing Company HALLIBURTON
Address 1000 NOBLE ENERGY DRIVE, SUITE 400 City CANONSBURG State PA Zip 15317

Stimulating Company EVOLUTION WELL SERVICES
Address 1780 HUGHES LANDING BLVD., SUITE 125 City THE WOODLANDS State TX Zip 77380

Please insert additional pages as applicable.

Completed by MICHAEL HONCE Telephone 304-406-3909
Signature  Title Superintendent Completions Operations Date _____

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

SMiley
3/17/23
03/17/2023

SHR37QHSM - PERFORATION RECORD - ATTACHMENT 1

| Stage No. | Perforation Date | Perforated From MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|-----------------|
| 1 | 7/23/2022 | 14,275.32 | 14,380.10 | 24 | Marcellus Shale |
| 2 | 8/2/2022 | 14,030.92 | 14,213.70 | 40 | Marcellus Shale |
| 3 | 8/4/2022 | 13,804.92 | 13,987.70 | 40 | Marcellus Shale |
| 4 | 8/4/2022 | 13,578.92 | 13,761.70 | 40 | Marcellus Shale |
| 5 | 8/4/2022 | 13,352.92 | 13,535.70 | 40 | Marcellus Shale |
| 6 | 8/4/2022 | 13,126.92 | 13,309.70 | 40 | Marcellus Shale |
| 7 | 8/5/2022 | 12,900.92 | 13,083.70 | 40 | Marcellus Shale |
| 8 | 8/6/2022 | 12,674.92 | 12,857.70 | 40 | Marcellus Shale |
| 9 | 8/6/2022 | 12,448.92 | 12,631.70 | 40 | Marcellus Shale |
| 10 | 8/6/2022 | 12,222.92 | 12,405.70 | 40 | Marcellus Shale |
| 11 | 8/7/2022 | 11,996.92 | 12,179.70 | 40 | Marcellus Shale |
| 12 | 8/7/2022 | 11,770.92 | 11,953.70 | 40 | Marcellus Shale |
| 13 | 8/7/2022 | 11,544.92 | 11,727.70 | 40 | Marcellus Shale |
| 14 | 8/8/2022 | 11,318.92 | 11,501.70 | 40 | Marcellus Shale |
| 15 | 8/8/2022 | 11,092.92 | 11,275.70 | 40 | Marcellus Shale |
| 16 | 8/8/2022 | 10,866.92 | 11,049.70 | 40 | Marcellus Shale |
| 17 | 8/9/2022 | 10,640.92 | 10,823.70 | 40 | Marcellus Shale |
| 18 | 8/9/2022 | 10,414.92 | 10,597.70 | 40 | Marcellus Shale |
| 19 | 8/9/2022 | 10,188.92 | 10,371.70 | 40 | Marcellus Shale |
| 20 | 8/10/2022 | 9,962.92 | 10,145.70 | 40 | Marcellus Shale |
| 21 | 8/10/2022 | 9,736.92 | 9,919.72 | 40 | Marcellus Shale |
| 22 | 8/21/2022 | 9,510.02 | 9,679.60 | 40 | Marcellus Shale |
| 23 | 9/14/2022 | 9,283.02 | 9,466.62 | 40 | Marcellus Shale |
| 24 | 9/14/2022 | 9,056.02 | 9,239.62 | 40 | Marcellus Shale |
| 25 | 9/15/2022 | 8,829.02 | 9,012.62 | 40 | Marcellus Shale |
| 26 | 9/15/2022 | 8,602.02 | 8,785.62 | 40 | Marcellus Shale |
| 27 | 9/15/2022 | 8,375.02 | 8,558.62 | 40 | Marcellus Shale |
| 28 | 9/16/2022 | 8,148.02 | 8,331.62 | 40 | Marcellus Shale |
| 29 | 9/16/2022 | 7,921.02 | 8,104.62 | 40 | Marcellus Shale |
| 30 | 9/16/2022 | 7,694.02 | 7,877.62 | 40 | Marcellus Shale |
| 31 | 9/16/2022 | 7,467.02 | 7,650.62 | 40 | Marcellus Shale |
| 32 | 9/16/2022 | 7,240.02 | 7,423.62 | 40 | Marcellus Shale |
| 33 | 9/17/2022 | 7,013.02 | 7,196.62 | 40 | Marcellus Shale |
| 34 | 9/17/2022 | 6,786.02 | 6,969.62 | 40 | Marcellus Shale |

SHR37QHSM - STIMULATION INFORMATION PER STAGE - ATTACHMENT 2

| Stage No. | Stimulations Date | Ave Pump Rates (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/Other (units) |
|-----------|-------------------|----------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| 1 | 7/31/2022 | 89 | 8,271.00 | 6,256.00 | | 355,687.30 | 6,477.02 | N/A |
| 2 | 8/2/2022 | 75 | 9,345.00 | 6,926.00 | | 246,333.10 | 6,415.50 | N/A |
| 3 | 8/4/2022 | 96 | 8,776.00 | 5,637.00 | 3,764.00 | 305,065.10 | 5,958.26 | N/A |
| 4 | 8/4/2022 | 98 | 8,211.00 | 6,728.00 | 3,711.00 | 388,028.10 | 6,709.52 | N/A |
| 5 | 8/4/2022 | 96 | 8,472.00 | 7,049.00 | 4,625.00 | 293,083.30 | 5,770.48 | N/A |
| 6 | 8/4/2022 | 100 | 8,259.00 | 6,488.00 | 4,182.00 | 403,997.40 | 6,690.52 | N/A |
| 7 | 8/6/2022 | 98 | 8,430.00 | 7,230.00 | 4,466.00 | 340,153.00 | 6,334.90 | N/A |
| 8 | 8/6/2022 | 97 | 8,463.00 | 7,302.00 | 3,601.00 | 392,046.90 | 6,636.07 | N/A |
| 9 | 8/6/2022 | 104 | 8,107.00 | 6,494.00 | 4,012.00 | 394,936.50 | 6,293.69 | N/A |
| 10 | 8/7/2022 | 101 | 8,083.00 | 6,542.00 | 4,080.00 | 406,495.10 | 7,624.79 | N/A |
| 11 | 8/7/2022 | 92 | 8,304.00 | 7,100.00 | 4,295.00 | 352,326.80 | 6,402.36 | N/A |
| 12 | 8/7/2022 | 90 | 8,273.00 | 6,616.00 | 4,136.00 | 358,179.00 | 6,201.98 | N/A |
| 13 | 8/8/2022 | 93 | 8,127.00 | 7,381.00 | 4,744.00 | 393,975.80 | 6,663.19 | N/A |
| 14 | 8/8/2022 | 102 | 8,182.00 | 6,602.00 | 3,692.00 | 399,881.80 | 6,877.40 | N/A |
| 15 | 8/8/2022 | 100 | 7,982.00 | 6,874.00 | 3,826.00 | 399,476.50 | 6,663.05 | N/A |
| 16 | 8/9/2022 | 101 | 7,863.00 | 6,582.00 | 3,889.00 | 443,428.30 | 7,009.74 | N/A |
| 17 | 8/9/2022 | 99 | 8,349.00 | 7,074.00 | 3,886.00 | 425,230.30 | 6,776.21 | N/A |
| 18 | 8/9/2022 | 101 | 7,738.00 | 6,969.00 | 4,130.00 | 446,138.30 | 7,029.21 | N/A |
| 19 | 8/10/2022 | 101 | 7,921.00 | 6,642.00 | 4,658.00 | 416,130.80 | 6,736.95 | N/A |
| 20 | 8/10/2022 | 100 | 8,043.00 | 6,667.00 | 3,801.00 | 428,641.60 | 6,213.64 | N/A |
| 21 | 8/10/2022 | 99 | 7,958.00 | 7,000.00 | | 397,885.90 | 5,519.26 | N/A |
| 22 | 9/14/2022 | 96 | 7,841.00 | 6,761.00 | 3,928.00 | 404,903.20 | 6,167.05 | N/A |
| 23 | 9/14/2022 | 99 | 8,000.00 | 7,214.00 | 4,140.00 | 399,237.00 | 6,925.93 | N/A |
| 24 | 9/15/2022 | 95 | 7,992.00 | 7,145.00 | 3,894.00 | 403,570.90 | 6,393.00 | N/A |
| 25 | 9/15/2022 | 99 | 7,822.00 | 6,659.00 | 3,966.00 | 399,977.80 | 6,954.98 | N/A |
| 26 | 9/15/2022 | 98 | 7,439.00 | 6,619.00 | 4,039.00 | 385,881.20 | 6,756.00 | N/A |
| 27 | 9/15/2022 | 100 | 7,711.00 | 6,850.00 | 3,872.00 | 397,787.40 | 7,015.00 | N/A |
| 28 | 9/16/2022 | 100 | 7,556.00 | 6,638.00 | 4,424.00 | 396,510.60 | 6,259.98 | N/A |
| 29 | 9/16/2022 | 100 | 7,548.00 | 6,861.00 | 3,822.00 | 402,339.90 | 6,121.00 | N/A |
| 30 | 9/16/2022 | 100 | 7,431.00 | 6,762.00 | 3,700.00 | 409,557.30 | 6,130.98 | N/A |
| 31 | 9/16/2022 | 99 | 7,675.00 | 6,653.00 | 3,912.00 | 366,516.80 | 6,457.00 | N/A |
| 32 | 9/17/2022 | 100 | 7,092.00 | 6,379.00 | 4,012.00 | 386,520.50 | 5,940.02 | N/A |
| 33 | 9/17/2022 | 100 | 7,206.00 | 6,616.00 | 4,190.00 | 401,900.20 | 6,106.00 | N/A |
| 34 | 9/17/2022 | 102 | 7,269.00 | 6,172.00 | 4,282.00 | 398,849.70 | 6,069.98 | N/A |

03/17/2023

API:4709502774

CNX RESOURCES LLC

WELL NAME: SHR37QHSM

All depths are referenced to GLE

LITHOLOGIES

| LITHOLOGY / FORMATION NAME | TOP DEPTH IN FT TVD | BOTTOM DEPTH IN FT TVD | TOP DEPTH IN FT MD | BOTTOM DEPTH IN FT MD | DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC) |
|-----------------------------------|---------------------|------------------------|--------------------|-----------------------|--|
| UNDIFFERENTIATED SAND | 0 | 446 | 0 | 446 | SANDSTONE / TRACES OF SILTSTONE & LIMESTONE & COAL |
| HARLEM COAL | 446 | 449 | 446 | 449 | COAL |
| UNDIFFERENTIATED SAND & SILTSTONE | 449 | 1,611 | 449 | 1,611 | SANDSTONE / TRACES OF GRAY SHALE, COAL, QUARTZ & SILTSTONE |
| BIG LIME | 1,611 | 1,731 | 1,611 | 1,731 | LIMESTONE / TRACES OF SILTSTONE |
| KEENER SHALE | 1,731 | 1,921 | 1,731 | 1,921 | SANDSTONE & SHALE |
| UNDIFFERENTIATED SAND & SILTSTONE | 1,921 | 2,121 | 1,921 | 2,121 | SANDSTONE & LIMESTONE / TRACES OF SILTSTONE |
| BEREA SAND | 2,121 | 2,211 | 2,121 | 2,211 | SANDSTONE / TRACES OF SILTSTONE & PYRITE |
| GORDON SAND | 2,211 | 3,118 | 2,211 | 3,120 | SANDSTONE / TRACES OF SILTSTONE & PYRITE |
| WARREN SAND | 3,118 | 3,188 | 3,120 | 3,191 | SANDSTONE AND SILTSTONE |
| UNDIFFERENTIATED SHALE | 3,188 | 4,711 | 3,191 | 4,988 | GRAY SHALE |
| BENSON | 4,711 | 4,899 | 4,988 | 5,246 | SANDSTONE |
| ALEXANDER | 4,899 | 5,014 | 5,246 | 5,361 | SANDSTONE AND SILTSTONE |
| UNDIFFERENTIATED SHALE | 5,014 | 5,675 | 5,361 | 6,231 | GRAY SHALE |
| CASHQUA | 5,675 | 6,097 | 6,231 | 6,288 | GRAY SHALE |
| MIDDLESEX | 6,097 | 6,141 | 6,288 | 6,358 | GRAY SHALE / TRACES OF SILTSTONE |
| WEST RIVER | 6,141 | 6,208 | 6,358 | 6,485 | GRAY SHALE |
| BURKET SHALE | 6,208 | 6,245 | 6,485 | 6,579 | BLACK SHALE, GAS SHOW |
| TULLY LIMESTONE | 6,245 | 6,267 | 6,579 | 6,652 | GRAY SHALE |
| HAMILTON SHALE | 6,267 | 6,281 | 6,652 | 6,713 | GRAY SHALE & LIMESTONE |
| UPPER MARCELLUS SHALE | 6,281 | 6,288 | 6,713 | 6,753 | BLACK SHALE |
| MIDDLE MARCELLUS SHALE | 6,288 | TD | 6,753 | TD | BLACK SHALE, GAS SHOW |
| TD - MARCELLUS | | 6307 | | 14,433 | |

Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|---------------------|
| Job Start Date: | 7/31/2022 |
| Job End Date: | 9/17/2022 |
| State: | West Virginia |
| County: | Tyler |
| API Number: | 47-095-02774-00-00 |
| Operator Name: | CNX Gas Company LLC |
| Well Name and Number: | SHR37QHSM |
| Latitude: | 39.35350800 |
| Longitude: | -80.84572100 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 6,304 |
| Total Base Water Volume (gal): | 9,451,974 |
| Total Base Non Water Volume: | 0 |



Hydraulic Fracturing Fluid Composition:

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|-------------------|------------|--------------------|--|--|--|--|----------|
| Water | CNX | Carrier/Base Fluid | Water | 7732-18-5 | 100.00000 | 85.11042 | None |
| Sand | US Silica | Proppant | Crystalline Silica in the form of Quartz | 14808-60-7 | 99.90000 | 14.55555 | None |
| HCL Acid (28%) | CHEMSTREAM | Acidizing | Hydrochloric Acid | 7647-01-0 | 28.00000 | 0.06253 | None |
| StimSTREAM 9800 | CHEMSTREAM | Friction Reducer | Butene, homopolymer | 9003-29-6 | 25.00000 | 0.01565 | None |
| | | | Alkanes, C16-20-iso- | 90622-59-6 | 25.00000 | 0.01565 | None |
| | | | Ethoxylated alcohols | 68213-23-0 | 3.00000 | 0.00188 | None |
| CoilSTREAM VB 625 | CHEMSTREAM | Gelling Agent | Heavy Aliphatic Naphtha | 64742-96-7 | 60.00000 | 0.00384 | None |
| | | | Guar Gum | 9000-30-0 | 50.00000 | 0.00320 | None |
| | | | Trade Secret | 9043-30-5 | 5.00000 | 0.00032 | None |
| | | | Trade Secret | 14808-60-7 | 3.00000 | 0.00019 | None |
| | | | Trade Secret | 1338-43-8 | 3.00000 | 0.00019 | None |
| Clearal 268 | CHEMSTREAM | Biocide | | | | | |

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| | | | | | | | |
|--|--------------|--------------------------|--|------------|-----------|---------|------|
| | | | Glutaraldehyde | 111-30-8 | 20.00000 | 0.00215 | None |
| | | | Didecyl dimethyl ammonium chloride | 7173-51-5 | 3.00000 | 0.00032 | None |
| | | | Alkyl dimethyl benzyl ammonium chloride | 68391-01-5 | 3.00000 | 0.00032 | None |
| StimStream SC 398 | CHEMSTREAM | Scale Inhibitor | | | | | |
| | | | Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid) (BHMT) | 34690-00-1 | 10.00000 | 0.00133 | None |
| ACI-250 | CHEMSTREAM | Acid corrosion inhibitor | | | | | |
| | | | Methanol | 67-56-1 | 45.00000 | 0.00050 | None |
| | | | Ethylene glycol | 107-21-1 | 20.00000 | 0.00022 | None |
| | | | Trade Secret | 72480-70-7 | 15.00000 | 0.00017 | None |
| | | | N,N-Dimethylformamide | 68-12-2 | 10.00000 | 0.00011 | None |
| | | | 2-Butoxyethanol | 111-76-2 | 5.00000 | 0.00006 | None |
| Citric Acid 50% | CHEMSTREAM | Iron Control Agent | | | | | |
| | | | citric acid | 77-92-9 | 50.50000 | 0.00076 | None |
| Ammonium Persulfate | CHEMSTREAM | Breaker | | | | | |
| | | | Ammonium Persulfate | 7727-54-0 | 100.00000 | 0.00051 | None |
| Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS. | | | | | | | |
| Other Chemical(s) | Listed Above | See Trade Name(s) List | | | | | |
| | | | Butene, homopolymer | 9003-29-6 | 25.00000 | 0.01565 | |
| | | | Guar Gum | 9000-30-0 | 50.00000 | 0.00320 | |
| | | | Ethoxylated alcohols | 68213-23-0 | 3.00000 | 0.00188 | |
| | | | Alkyl dimethyl benzyl ammonium chloride | 68391-01-5 | 3.00000 | 0.00032 | |
| | | | Didecyl dimethyl ammonium chloride | 7173-51-5 | 3.00000 | 0.00032 | |
| | | | Trade Secret | 9043-30-5 | 5.00000 | 0.00032 | |
| | | | Ethylene glycol | 107-21-1 | 20.00000 | 0.00022 | |
| | | | Trade Secret | 14808-60-7 | 3.00000 | 0.00019 | |
| | | | Trade Secret | 1338-43-8 | 3.00000 | 0.00019 | |
| | | | Trade Secret | 72480-70-7 | 15.00000 | 0.00017 | |
| | | | N,N-Dimethylformamide | 68-12-2 | 10.00000 | 0.00011 | |
| | | | 2-Butoxyethanol | 111-76-2 | 5.00000 | 0.00006 | |

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

DM

LATITUDE 39° 22' 30"

TH: 3,505'

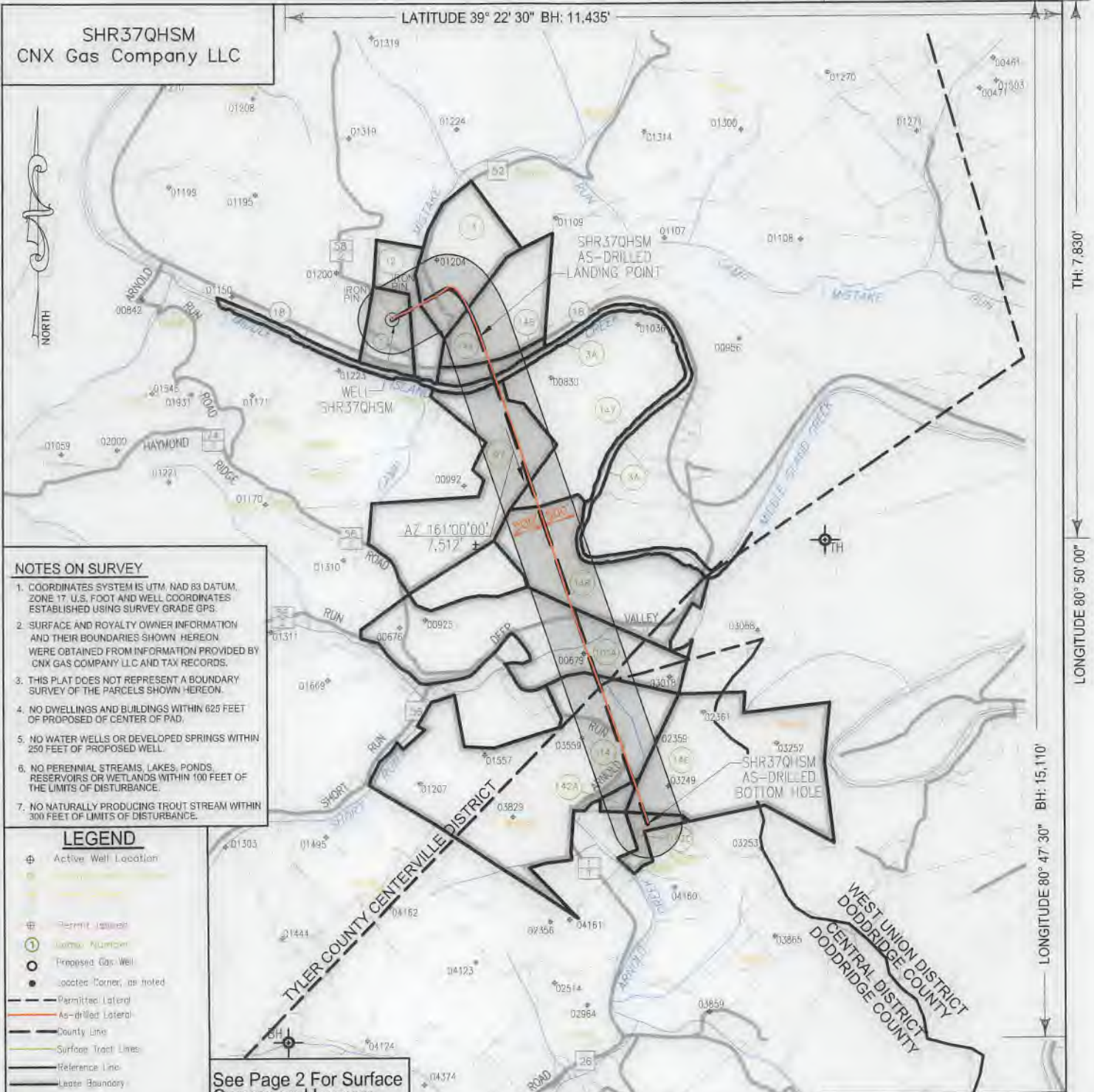
LATITUDE 39° 22' 30" BH: 11,435'

TH: 7,830'

LONGITUDE 80° 50' 00"

BH: 15, 110' LONGITUDE 80° 47' 30"

SHR37QHSM
CNX Gas Company LLC



NOTES ON SURVEY

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17 U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- Active Well Location
- Permit Location
- Well Number
- Proposed Gas Well
- Locate Corner, as noted
- Permitted Lateral
- As-Drilled Lateral
- County Line
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route

See Page 2 For Surface Owners and Lessors

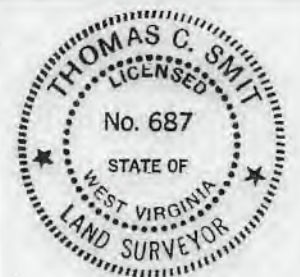
(Symbol) Denotes Location of Well on United States Topographic Maps



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.

Thomas C. Smit

L. L. S. 687



SEAL

FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: SG-GPS (OPUS)



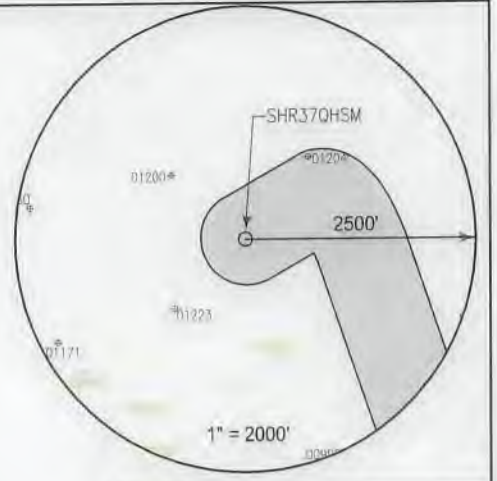
DATE: AUGUST 09 20 22
OPERATORS WELL NO: SHR37QHSM
API WELL NO
47 - 095 - 02774
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION ELEVATION: 828' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union, WV 7.5'
DISTRICT: Centerville COUNTY: Tyler
SURFACE OWNER: CNX Gas Company LLC ACREAGE: 18+
ROYALTY OWNER: Eleanor V. & Dean A. Earnheart, et al. LEASE NO: 269278000 ACREAGE: 720.525 ±
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: TVD: 6,302'

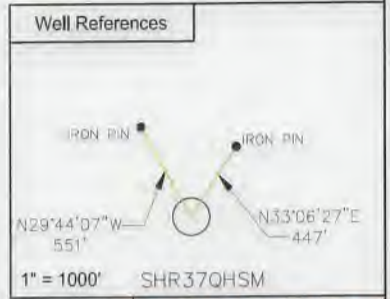
WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
Canonsburg, PA 15317 Canonsburg, PA 15317

03/17/2023

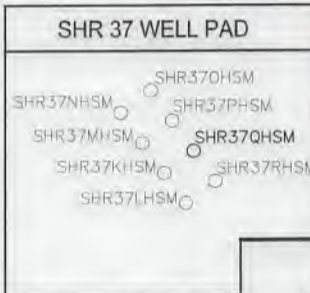
AS-DRILLED



| SURFACE OWNER | LESSOR | PIN |
|---|--|--------------------------------|
| 1 CNX Gas Company LLC | Nancy P. McLain and Ralph E. McLain Pursie E. Pipes and Norma J. Pipes Bradie Pipes and Goldie Pipes Georgia P. Snyder Agnes Godwin aka Georgia Agnes Godwin Luella I. McConnell Celia Boice Eleanor V. Earnheart and Dean A. Earnhart Dorothy Belle Wells and Byron Wells Myrna Morgan and David Morgan | 1-17-5 |
| 3A West Virginia Division of Natural Resources | West Virginia Division of Natural Resources | Middle Island Creek |
| 12 Gail Williamson | Nancy P. McLain and Ralph E. McLain Pursie E. Pipes and Norma J. Pipes Bradie Pipes and Goldie Pipes Georgia P. Snyder Agnes Godwin aka Georgia Agnes Godwin Luella I. McConnell Celia Boice Eleanor V. Earnheart and Dean A. Earnhart Dorothy Belle Wells and Byron Wells Myrna Morgan and David Morgan Reva D. Rowland aka Reva Rowland and Ronald Royce Rowland | 1-17-6 |
| 13 Danny Carl Harris & Patricia J Harris | Nancy P. McLain and Ralph E. McLain Pursie E. Pipes and Norma J. Pipes Bradie Pipes and Goldie Pipes Georgia P. Snyder Agnes Godwin aka Georgia Agnes Godwin Luella I. McConnell Celia Boice Eleanor V. Earnheart and Dean A. Earnhart Dorothy Belle Wells and Byron Wells Myrna Morgan and David Morgan | 1-18-5 |
| 14A Danny & Patricia Harris | Nancy P. McLain and Ralph E. McLain Pursie E. Pipes and Norma J. Pipes Bradie Pipes and Goldie Pipes Georgia P. Snyder Agnes Godwin aka Georgia Agnes Godwin Luella I. McConnell Celia Boice Eleanor V. Earnheart and Dean A. Earnhart Dorothy Belle Wells and Byron Wells Myrna Morgan and David Morgan | 1-18-6.1 |
| 14B William D Lantz & Paula T Jantz Riki Nicole Riley William R. Doli | Nancy P. McLain and Ralph E. McLain Pursie E. Pipes and Norma J. Pipes Bradie Pipes and Goldie Pipes Georgia P. Snyder Agnes Godwin aka Georgia Agnes Godwin Luella I. McConnell Celia Boice Eleanor V. Earnheart and Dean A. Earnhart Dorothy Belle Wells and Byron Wells Myrna Morgan and David Morgan | 1-18-6 1-18-6.2 1-18-6.3 |
| 97 Ryan Davis & Carrie L. Davis Ryan & Carrie L. Davis | Pearl J. Slack Norma Long | 1-17-15 1-18-7 |
| 101A Ralph Paul McCutchan (Life) | Margaret C. Nield Helen C. Dahle James P. Cullinan Mary C. Schilling Trust - 2010, by Keith Schilling, Trustee William Paul McCutchan and Virginia B. McCutchan Kathleen Bradford Upton William Warren Upton and Frances J. Upton, H/W Marie L. Bradford, widow and heir under the Last Will and Testament of James Perry Bradford | 1-18-11 |
| 114 Victor Goff Stinespring, Charter D. Stinespring, Victor Stinespring et ux | Sonya Rickel and Joe Rickel, Jr. W/H Charlotte Bryant and Ervin Bryant, W/H Garrett G. Pyles Janice Phelps and Harry Phelps, W/H Robert F. Pratt and Glenna Z. Pratt, H/W Kenneth E. Pratt and Laura L. Pratt, H/W Janet P. Tinkham and Elwin I. Tinkham, W/H | 1-2-1 1-2-1.2 |



| SURFACE HOLE LOCATION (SHL) | |
|-----------------------------|--|
| UTM 17 NAD 83 | N: 4356018.250 E: 513292.589 |
| NAD 83, WV NORTH | |
| | N: 313720.921 E: 1587979.980 |
| LAT/LON DATUM NAD 83 | |
| | LAT: 39° 21' 12.628" LON: 80° 50' 44.594" |
| LANDING POINT | |
| UTM 17 NAD 83 | N: 4355953.034 E: 513689.359 |
| NAD 83, WV NORTH | |
| | N: 313485.2386 E: 1589275.1375 |
| LAT/LON DATUM NAD 83 | |
| | LAT: 39° 21' 10.4899" LON: 80° 50' 28.0628" |
| BOTTOM HOLE LOCATION (BHL) | |
| UTM 17 NAD 83 | N: 4353802.561 E: 514471.130 |
| NAD 83, WV NORTH | |
| | N: 306385.5414 E: 1591726.0604 |
| LAT/LON DATUM NAD 83 | |
| | LAT: 39° 20' 00.6851" LON: 80° 49' 55.5235" |



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.

Thomas C. Smit
L. L. S. 687



SEAL

FILE NO:
DRAWING NO:
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: AUGUST 09 20 22
OPERATORS WELL NO: SHR37QHSM
API WELL NO: 47 - 095 - 02774
STATE COUNTY PERMIT

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

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DISTRICT: Centerville COUNTY: Tyler

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ROYALTY OWNER: Eleanor V. & Dean A. Earnheart, et al. LEASE NO: 269278000 ACREAGE: 720.525 ±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 6,302'

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
Canonsburg, PA 15317 Canonsburg, PA 15317

AS-DRILLED

| SURFACE OWNER | | LESSOR | PIN |
|---------------|--|---|----------------|
| | | Allen Pratt and Patricia Pratt, H/W | |
| | | Jean Cole and Robert L. Cole, W/H | |
| | | Dorothy A. Greenwood and Malcolm Greenwood, W/H | |
| | | Margaret R. Mead and Richard F. Mead, W/H | |
| | | Mary J. Borer and Donald E. Borer, W/H | |
| | | Kenneth M. Wagner and Mary A. Wagner, H/W | |
| | | John Paladino | |
| | | Patty Lou Fox and Harry R. Fox, W/H | |
| | | Robert D. L. Doak | |
| | | Ida Bower | |
| | | Jack Coffindaffer and Janice Lee Coffindaffer, H/W | |
| | | Esther Doak | |
| | | Virginia McBee and Robert McBee, W/H | |
| | | Karen Y. Meiter and Robert Lynn Meiter, W/H | |
| | | Paul Wagner and Joan Wagner, H/W | |
| | | Leona Smith and John Smith, W/H | |
| | | Sylvia Knowleton and Clee Knowleton, W/H | |
| | | Ruth M. Hubbard | |
| | | Ina M. Wagner | |
| | | Juliana M. Moore | |
| | | Gussie Devoll | |
| | | Martha Moore Hanson and Peter S. Hanson, W/H | |
| | | Vonda Wagner | |
| | | Wayne Kellar and Peggy Kellar, H/W, aka Wayne Kellar and Margaret H. Kellar, H/W | |
| | | Catherine Moore | |
| | | C. H. Wagner and Olive Irene Wagner, H/W | |
| | | Darryl Pratt | |
| | | Mary D. Southern | |
| | | Wilda Doak | |
| | | Beverly Delancey and Eleanor Knight and Stanford Knight, W/H and James W. Ash and Hazel Ash, H/W, Lelia Washburn, Charlene Smith and George Smith, W/H, and Barbara Thalrose and Harold Thalrose, W/H | |
| | | Theresa Pratt | |
| | | Sherry Lynn Quay | |
| 142A | Betty Jane Robinson Phyllis Marie Steele (Life) | Dorothy P. Hileman, aka Dorothy A. Pigott, individually and as AIF for Lucia C. Anderson nee Pigott, Carolyn Erambert nee Pigott, and Janet W. Coffmann nee | 1-2-2 8-3-7 |
| 142C | Betty Jane Robinson | Dorothy P. Hileman, aka Dorothy A. Pigott, individually and as AIF for Lucia C. Anderson nee Pigott, Carolyn Erambert nee Pigott, and Janet W. Coffmann nee | 1-2-2 |
| 146 | Phyllis Marie Steele (Life) | William Paul McCutchan and Virginia B. McCutchan, his wife Jacqueline L. Standafer and Warren G. Standafer, her husband Marylynn H. Roberts and John E. Roberts, her husband J.W. Morton Field | 8-3-7 |
| 147 | Edwin D Mulvay & Patricia L Mulvay | Edwin Delmer Mulvay and Patricia Vaughn Mulvay A. E. Pratt Heirs, executed by Jean Cole and Robert L. Cole A. E. Pratt Heirs, executed by Patricia P. Pratt and Allen T. Pratt A. E. Pratt Heirs, executed by Darryl A. Pratt A. E. Pratt Heirs, executed by Robert F. Pratt and Glenna Z. Pratt A. E. Pratt Heirs, executed by Richard F. Mead and Margaret Mead A. E. Pratt Heirs, executed by Janet Tinkham and Elvin I. Tinkham A. E. Pratt Heirs, executed by Kenneth E. Pratt and Laura L. Pratt A. E. Pratt Heirs, executed by Malcolm E. Greenwood and Dorothy Ann Greenwood A. E. Pratt Heirs, executed by Donald E. Borer and Mary Jane Borer A. E. Pratt Heirs, executed by Theresa C. Pratt Edwin Delmer Mulvay and Patricia Vaughn Mulvay | 1-18-14 |
| 148 | Edwin D Mulvay & Patricia L Mulvay | Martha C. Price | 1-18-13 |

03/17/2023