

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

APR 16 2024

WV Department of
Environmental Protection

API 47-103-03523 County Wetzel District Center
Quad Littleton Pad Name Cash Field/Pool Name N/A
Farm name John R. & Phyllis R. Bohrer Well Number Cash 5H (L002951)
Operator (as registered with the OOG) EQT Production Company
Address 400 Woodcliff 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 4,386,789.062 Easting 535,721.645
Landing Point of Curve Northing 4,387,145.397 Easting 536,083.472
Bottom Hole Northing 4,390,357.696 Easting 534,145.110

Elevation (ft) 1488' 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)

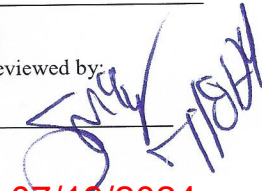
Synthetic Oil Based Mud 13.32 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 11/02/2022 Date drilling commenced 01/16/2023 Date drilling ceased 09/20/2023
Date completion activities began 11/27/2023 Date completion activities ceased 1/9/2024
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 142 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2094 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1149,1247 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED

Reviewed by: 
07/19/2024

WR-35
Rev. 8/23/13

API 47-103 - 03523

Farm name John R. & Phyllis R. Bohrer Well number Cash 5H (L002951)

| CASING STRINGS | Hole Size | Casing Size | Depth (GL) | New or Used | Grade wt/ft | Basket Depth(s) (GL) | Did cement circulate (Y/N) * Provide details below* |
|---------------------------|----------------|-------------|------------|-------------|-------------|----------------------|--------------------------------------------------------|
| Conductor | 30" | 26" | 40' | NEW | A-500 85.6# | N/A | Y |
| Surface | 17-1/2" | 13-3/8" | 1313' | NEW | J-55 54.5# | N/A | Y |
| Coal | | | | | | | |
| Intermediate 1 | 12-1/4" | 9-5/8" | 2765' | NEW | J-55 36# | N/A | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8-3/4", 8-1/2" | 6" | 20,468' | NEW | P-110 24# | N/A | N |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details Production Cement job has a calculated TOC of 1223' GL, which is greater than 500' TVD above the producing formation. No issues during cement job.

| CEMENT DATA | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft ³ /sks) | Volume (ft ³) | Cement Top (GL) | WOC (hrs) |
|----------------|----------------------|-----------------|-----------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor | CLASS A | 83 | 15.6 | 1.18 | 98 | 0 | 8+ |
| Surface | CLASS L | 1145 | 16.0 | 1.09 | 1248 | 0 | 8 |
| Coal | | | | | | | |
| Intermediate 1 | CLASS L | 960 | 15.6 | 1.14 | 1094 | 0 | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | CLASS A | 3335 | 15.0 | 1.18 | 3935 | 1223' | 8+ |
| Tubing | | | | | | | |

Drillers TD (ft) 20,493' Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure Plug: Mix and Pump 79 BBL / 446 sacks at 17.0# Class H with 3% Cacl2, 1.01 yield, 3.82 GPS, Slurry temp 81°. Mix water temp 63°. Plug set at 1343' at 18:30 hrs. on 3/6/2023.

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Kick off depth (ft) 1,356'

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

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
 CONDUCTOR- NONE _____
 SURFACE- ON SHOE TRACK AND EVERY 500' TO SURFACE _____
 INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE _____
 PRODUCTION: ON SHOE TRACK AND EVERY OTHER JOINT TO 8207' AND EVERY JOINT TO 2171' _____

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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API 47- 103 - 03523 Farm name John R. & Phyllis R. Bohrer Well number Cash 5H (L002951)

Drilling Contractor Falcon (Rig 25)
Address 1120 US-119 City Indiana State PA Zip 15701

Logging Company Scientific Drilling International
Address 124 Vista Drive City Charleroi State PA Zip 15022

Logging Company GyroData
Address 73 Noblestown Road City Carnegie State PA Zip 15106

Stimulation Contractor Evolution Well Services
Address 1780 Hughes Landing Blvd Suite 121 City The Woodlands State TX Zip 77380

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| Well # CASH 5H (L002951) Final Formations API# 47-103-03523 | | | | |
|-------------------------------------------------------------|----------------------|-------------------------|----------------------|-------------------------|
| Formation Name | Drill Top MD (ftGRD) | Drill Top (TVD) (ftGRD) | Drill Btm MD (ftGRD) | Drill Btm (TVD) (ftGRD) |
| Sand/Shale | 1 | 1 | 1,149 | 1,149 |
| Sewickley Coal | 1,149 | 1,149 | 1,156 | 1,156 |
| Sand/Shale | 1,156 | 1,156 | 1,247 | 1,247 |
| Pittsburgh Coal | 1,247 | 1,247 | 1,256 | 1,256 |
| Sand/Shale | 1,256 | 1,256 | 2,575 | 2,570 |
| Big Injun | 2,575 | 2,570 | 2,699 | 2,693 |
| Sand/Shale | 2,699 | 2,693 | 2,839 | 2,832 |
| Berea | 2,839 | 2,832 | 3,136 | 3,127 |
| Sand/Shale | 3,136 | 3,127 | 3,199 | 3,189 |
| Gantz | 3,199 | 3,189 | 3,343 | 3,329 |
| Sand/Shale | 3,343 | 3,329 | 3,365 | 3,351 |
| Fifty foot | 3,365 | 3,351 | 3,407 | 3,391 |
| Sand/Shale | 3,407 | 3,391 | 3,440 | 3,423 |
| Thirty foot | 3,440 | 3,423 | 3,466 | 3,447 |
| Sand/Shale | 3,466 | 3,447 | 3,508 | 3,487 |
| Bayard | 3,508 | 3,487 | 3,629 | 3,602 |
| Sand/Shale | 3,629 | 3,602 | 3,958 | 3,912 |
| Upper Speechley | 3,958 | 3,912 | 4,011 | 3,961 |
| Sand/Shale | 4,011 | 3,961 | 4,021 | 3,971 |
| Speechley | 4,021 | 3,971 | 4,102 | 4,046 |
| Balltown | 4,102 | 4,046 | 4,428 | 4,353 |
| Bradford | 4,428 | 4,353 | 5,073 | 4,964 |
| Sand/Shale | 5,073 | 4,964 | 5,561 | 5,426 |
| Benson | 5,561 | 5,426 | 5,947 | 5,791 |
| Alexander | 5,947 | 5,791 | 6,403 | 6,219 |
| Elk | 6,403 | 6,219 | 7,363 | 7,128 |
| Sonyea | 7,363 | 7,128 | 7,530 | 7,274 |
| Middlesex | 7,530 | 7,274 | 7,583 | 7,316 |
| Genesee | 7,583 | 7,316 | 7,693 | 7,394 |
| Geneseo | 7,693 | 7,394 | 7,741 | 7,423 |
| Tully | 7,741 | 7,423 | 7,779 | 7,445 |
| Hamilton | 7,779 | 7,445 | 8,043 | 7,549 |
| Marcellus | 8,043 | 7,549 | 20,493 | 7,624 |

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Perforation Data

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| Stage_Number | Perf_Date | Depth_Bottom | Depth_Top | Shot_Count | Formation |
|--------------|------------|--------------|-----------|------------|-----------|
| 2 | 12/02/2023 | 20381 | 20198 | 40 | Marcellus |
| 3 | 12/02/2023 | 20179 | 19996 | 40 | Marcellus |
| 4 | 12/02/2023 | 19977 | 19794 | 40 | Marcellus |
| 5 | 12/02/2023 | 19775 | 19592 | 40 | Marcellus |
| 6 | 12/02/2023 | 19573 | 19390 | 40 | Marcellus |
| 7 | 12/02/2023 | 19371 | 19188 | 40 | Marcellus |
| 8 | 12/03/2023 | 19169 | 18986 | 40 | Marcellus |
| 9 | 12/03/2023 | 18967 | 18784 | 40 | Marcellus |
| 10 | 12/03/2023 | 18765 | 18582 | 40 | Marcellus |
| 11 | 12/04/2023 | 18563 | 18380 | 40 | Marcellus |
| 12 | 12/04/2023 | 18361 | 18178 | 40 | Marcellus |
| 13 | 12/04/2023 | 18159 | 17976 | 40 | Marcellus |
| 14 | 12/04/2023 | 17957 | 17774 | 40 | Marcellus |
| 15 | 12/05/2023 | 17755 | 17572 | 40 | Marcellus |
| 16 | 12/05/2023 | 17553 | 17370 | 40 | Marcellus |
| 17 | 12/05/2023 | 17351 | 17168 | 40 | Marcellus |
| 18 | 12/06/2023 | 17149 | 16966 | 40 | Marcellus |
| 19 | 12/07/2023 | 16947 | 16764 | 40 | Marcellus |
| 20 | 12/07/2023 | 16745 | 16562 | 40 | Marcellus |
| 21 | 12/07/2023 | 16543 | 16360 | 40 | Marcellus |
| 22 | 12/08/2023 | 16341 | 16158 | 40 | Marcellus |
| 23 | 12/09/2023 | 16139 | 15956 | 40 | Marcellus |
| 24 | 12/09/2023 | 15937 | 15754 | 40 | Marcellus |
| 25 | 12/10/2023 | 15735 | 15552 | 40 | Marcellus |
| 26 | 12/10/2023 | 15533 | 15350 | 40 | Marcellus |
| 27 | 12/10/2023 | 15331 | 15148 | 40 | Marcellus |
| 28 | 12/11/2023 | 15129 | 14946 | 40 | Marcellus |
| 29 | 12/11/2023 | 14927 | 14744 | 40 | Marcellus |
| 30 | 12/12/2023 | 14725 | 14542 | 40 | Marcellus |
| 31 | 12/12/2023 | 14523 | 14340 | 40 | Marcellus |
| 32 | 12/12/2023 | 14321 | 14138 | 40 | Marcellus |
| 33 | 12/12/2023 | 14119 | 13936 | 40 | Marcellus |
| 34 | 12/13/2023 | 13917 | 13734 | 40 | Marcellus |
| 35 | 12/13/2023 | 13715 | 13532 | 40 | Marcellus |
| 36 | 12/13/2023 | 13513 | 13330 | 40 | Marcellus |
| 37 | 12/13/2023 | 13311 | 13128 | 40 | Marcellus |
| 38 | 12/14/2023 | 13109 | 12926 | 40 | Marcellus |
| 39 | 12/14/2023 | 12907 | 12724 | 40 | Marcellus |
| 40 | 12/14/2023 | 12705 | 12522 | 40 | Marcellus |
| 41 | 12/15/2023 | 12443 | 12320 | 40 | Marcellus |
| 42 | 12/15/2023 | 12301 | 12118 | 40 | Marcellus |
| 43 | 12/16/2023 | 12099 | 11916 | 40 | Marcellus |
| 44 | 12/16/2023 | 11897 | 11714 | 40 | Marcellus |
| 45 | 12/17/2023 | 11695 | 11512 | 40 | Marcellus |
| 46 | 12/17/2023 | 11493 | 11310 | 40 | Marcellus |
| 47 | 12/18/2023 | 11291 | 11108 | 40 | Marcellus |

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| | | | |
|---------------|-------|-------|--------------|
| 48 12/19/2023 | 11089 | 10906 | 40 Marcellus |
| 49 12/19/2023 | 10887 | 10704 | 40 Marcellus |
| 50 12/20/2023 | 10685 | 10502 | 40 Marcellus |
| 51 12/20/2023 | 10483 | 10300 | 40 Marcellus |
| 52 12/20/2023 | 10281 | 10098 | 40 Marcellus |
| 53 12/21/2023 | 10079 | 9896 | 40 Marcellus |
| 54 12/21/2023 | 9877 | 9694 | 40 Marcellus |
| 55 12/22/2023 | 9675 | 9492 | 40 Marcellus |
| 56 12/22/2023 | 9473 | 9290 | 40 Marcellus |
| 57 12/22/2023 | 9271 | 9088 | 40 Marcellus |
| 58 12/23/2023 | 9069 | 8886 | 40 Marcellus |
| 59 12/23/2023 | 8867 | 8684 | 40 Marcellus |
| 60 12/23/2023 | 8665 | 8482 | 40 Marcellus |
| 61 12/23/2023 | 8463 | 8280 | 40 Marcellus |
| 62 12/23/2023 | 8261 | 8078 | 40 Marcellus |

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Stimulation Data

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| Stimulation_Date | Stage_Number | Avg_Pump_Rate | Avg_Treatment_Pressure | Pressure_Breakdown | ISIP | Amount_of_Proppant_lbs | Amount_of_Water_bbls | Proppant_Type | Proppant_Mesh_Size |
|------------------|--------------|---------------|------------------------|--------------------|-----------|------------------------|----------------------|---------------|--------------------|
| 12/01/2023 | 1 | 94 | | 8611 | 6420 3594 | | 176396 | 4119 Sand | 100 MESH; |
| 12/02/2023 | 2 | 99 | | 8558 | 7287 4511 | | 440519 | 9655 Sand | 100 MESH; |
| 12/02/2023 | 3 | 100 | | 8619 | 6287 4866 | | 440426 | 9628 Sand | 100 MESH; |
| 12/02/2023 | 4 | 100 | | 9009 | 6122 4598 | | 440548 | 9629 Sand | 100 MESH; |
| 12/02/2023 | 5 | 100 | | 8634 | 6232 4826 | | 440512 | 9650 Sand | 100 MESH; |
| 12/03/2023 | 6 | 100 | | 8729 | 6089 4157 | | 440516 | 9625 Sand | 100 MESH; |
| 12/03/2023 | 7 | 100 | | 8609 | 5966 4119 | | 440455 | 9630 Sand | 100 MESH; |
| 12/03/2023 | 8 | 100 | | 9028 | 5964 4090 | | 440147 | 9628 Sand | 100 MESH; |
| 12/04/2023 | 9 | 99 | | 9023 | 6170 4289 | | 440575 | 9638 Sand | 100 MESH; |
| 12/04/2023 | 10 | 100 | | 8791 | 5804 3966 | | 440596 | 9630 Sand | 100 MESH; |
| 12/04/2023 | 11 | 100 | | 9025 | 5617 4211 | | 440365 | 9644 Sand | 100 MESH; |
| 12/04/2023 | 12 | 100 | | 8842 | 5748 4307 | | 440052 | 9618 Sand | 100 MESH; |
| 12/05/2023 | 13 | 100 | | 8451 | 6208 4750 | | 440521 | 9650 Sand | 100 MESH; |
| 12/05/2023 | 14 | 100 | | 8488 | 5724 4601 | | 440514 | 9627 Sand | 100 MESH; |
| 12/05/2023 | 15 | 100 | | 9070 | 6040 4570 | | 440056 | 9612 Sand | 100 MESH; |
| 12/06/2023 | 16 | 100 | | 8731 | 5752 4417 | | 440509 | 9620 Sand | 100 MESH; |
| 12/06/2023 | 17 | 100 | | 8978 | 5755 4295 | | 440094 | 9647 Sand | 100 MESH; |
| 12/07/2023 | 18 | 100 | | 8694 | 6678 4278 | | 440686 | 9630 Sand | 100 MESH; |
| 12/07/2023 | 19 | 95 | | 8519 | 6464 4439 | | 440040 | 9610 Sand | 100 MESH; |
| 12/08/2023 | 20 | 100 | | 8738 | 5810 4690 | | 440187 | 9628 Sand | 100 MESH; |
| 12/08/2023 | 21 | 100 | | 8939 | 5944 4495 | | 440378 | 9615 Sand | 100 MESH; |
| 12/09/2023 | 22 | 100 | | 9021 | 5925 4702 | | 440362 | 9625 Sand | 100 MESH; |
| 12/09/2023 | 23 | 100 | | 8879 | 6265 4327 | | 440309 | 9624 Sand | 100 MESH; |
| 12/10/2023 | 24 | 100 | | 8690 | 5961 4490 | | 440351 | 9615 Sand | 100 MESH; |
| 12/10/2023 | 25 | 101 | | 8652 | 5814 4366 | | 440068 | 9624 Sand | 100 MESH; |
| 12/11/2023 | 26 | 100 | | 8697 | 5891 4224 | | 441042 | 9625 Sand | 100 MESH; |
| 12/11/2023 | 27 | 100 | | 8722 | 5922 4145 | | 440044 | 9625 Sand | 100 MESH; |
| 12/12/2023 | 28 | 100 | | 8594 | 6139 4712 | | 440407 | 9629 Sand | 100 MESH; |
| 12/12/2023 | 29 | 100 | | 8517 | 5607 4649 | | 440351 | 9629 Sand | 100 MESH; |
| 12/12/2023 | 30 | 100 | | 8636 | 6106 4316 | | 440043 | 9676 Sand | 100 MESH; |
| 12/12/2023 | 31 | 100 | | 8860 | 5943 4243 | | 440137 | 9631 Sand | 100 MESH; |
| 12/13/2023 | 32 | 100 | | 8197 | 6009 4520 | | 440256 | 9626 Sand | 100 MESH; |
| 12/13/2023 | 33 | 100 | | 8537 | 6479 4420 | | 440328 | 9623 Sand | 100 MESH; |
| 12/13/2023 | 34 | 100 | | 8760 | 6341 4186 | | 440166 | 9640 Sand | 100 MESH; |
| 12/13/2023 | 35 | 100 | | 8563 | 6014 4469 | | 440173 | 9628 Sand | 100 MESH; |
| 12/14/2023 | 36 | 100 | | 8358 | 6671 4420 | | 440664 | 9623 Sand | 100 MESH; |
| 12/14/2023 | 37 | 100 | | 8470 | 5724 4749 | | 440373 | 9637 Sand | 100 MESH; |
| 12/14/2023 | 38 | 100 | | 8674 | 5727 4469 | | 440348 | 9623 Sand | 100 MESH; |
| 12/15/2023 | 39 | 100 | | 8484 | 5872 4370 | | 440362 | 9630 Sand | 100 MESH; |
| 12/15/2023 | 40 | 99 | | 8771 | 5813 4393 | | 440319 | 9622 Sand | 100 MESH; |
| 12/16/2023 | 41 | 99 | | 8554 | 6072 4580 | | 440323 | 9624 Sand | 100 MESH; |
| 12/16/2023 | 42 | 96 | | 8948 | 6302 4213 | | 440174 | 9635 Sand | 100 MESH; |
| 12/17/2023 | 43 | 99 | | 8385 | 5915 4500 | | 440365 | 9625 Sand | 100 MESH; |
| 12/17/2023 | 44 | 100 | | 8627 | 5799 4231 | | 439981 | 9624 Sand | 100 MESH; |
| 12/17/2023 | 45 | 68 | | 8873 | 6103 4625 | | 440155 | 15816 Sand | 100 MESH; |
| 12/18/2023 | 46 | 100 | | 8255 | 6657 4590 | | 440142 | 9621 Sand | 100 MESH; |
| 12/19/2023 | 47 | 100 | | 7845 | 5926 5085 | | 440140 | 9625 Sand | 100 MESH; |
| 12/20/2023 | 48 | 100 | | 8346 | 6116 4688 | | 440116 | 9633 Sand | 100 MESH; |
| 12/20/2023 | 49 | 100 | | 8245 | 5868 4641 | | 440237 | 9631 Sand | 100 MESH; |
| 12/20/2023 | 50 | 99 | | 8515 | 6092 4942 | | 440092 | 9628 Sand | 100 MESH; |
| 12/21/2023 | 51 | 98 | | 8235 | 6059 4814 | | 440344 | 9627 Sand | 100 MESH; |
| 12/21/2023 | 52 | 98 | | 8377 | 6027 4872 | | 440003 | 9638 Sand | 100 MESH; |
| 12/21/2023 | 53 | 99 | | 7984 | 6062 4869 | | 440059 | 9626 Sand | 100 MESH; |
| 12/22/2023 | 54 | 95 | | 7913 | 6314 5343 | | 440679 | 14239 Sand | 100 MESH; |
| 12/23/2023 | 55 | 100 | | 8058 | 5714 4717 | | 440528 | 9640 Sand | 100 MESH; |
| 12/23/2023 | 56 | 98 | | 8172 | 6199 4463 | | 440554 | 9620 Sand | 100 MESH; |
| 12/23/2023 | 57 | 99 | | 7971 | 5975 4691 | | 440449 | 9637 Sand | 100 MESH; |
| 12/23/2023 | 58 | 95 | | 8735 | 5982 4292 | | 440099 | 9625 Sand | 100 MESH; |
| 12/23/2023 | 59 | 100 | | 8042 | 6028 4232 | | 440235 | 9623 Sand | 100 MESH; |

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|------------|----|-----|------|------|------|--------|-----------|-----------|
| 12/24/2023 | 60 | 99 | 8029 | 5732 | 4573 | 440758 | 9650 Sand | 100 MESH; |
| 12/24/2023 | 61 | 99 | 7869 | 6156 | 4130 | 440578 | 9650 Sand | 100 MESH; |
| 12/24/2023 | 62 | 100 | 7985 | 5881 | 4448 | 440530 | 9627 Sand | 100 MESH; |

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Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|---------------------------------|--------------------|
| Job Start Date: | 11/27/2023 |
| Job End Date: | 12/25/2023 |
| State: | West Virginia |
| County: | Wetzel |
| API Number: | 47-103-03523-00-00 |
| Operator Name: | EQT Production |
| Well Name and Number: | Cash 5H |
| Latitude: | 39.630128 |
| Longitude: | -80.583754 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 7652 |
| Total Base Water Volume (gal)*: | 26254578 |
| Total Base Non Water Volume: | 0 |



| Water Source | Percent |
|--------------|---------|
|--------------|---------|

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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 | EQT | Carrier/Base Fluid | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 88.89535 | None |
| Sand (Proppant) | EQT | Proppant | | | | | |
| | | | Silica Substrate | 14808-60-7 | 100.00000 | 10.96988 | None |
| Clearal 268 | ChemStream | Biocide | | | | | |
| | | | Non-hazardous substances | Proprietary | 80.00000 | 0.00903 | None |
| StimSTREAM SC-398 | ChemStream | Scale Inhibitor | | | | | |
| | | | Non-hazardous substances | Proprietary | 90.00000 | 0.00766 | None |
| StimSTREAM FR 9800 | ChemStream | Friction Reducer | | | | | |
| | | | Copolymer of 2-propenamide | Proprietary | 30.00000 | 0.00738 | None |
| StimSTREAM | ChemStream | Friction | | | | | |

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| | | | | | | | |
|---------------------------|----------------------------|---------------------|--------------------------------------------------------------------------------|-------------|----------|---------|------|
| FR 9800 | | Reducer | | | | | |
| | | | Petroleum Distillate | 64742-47-8 | 20.00000 | 0.00328 | None |
| Enviro-Syn HCR-7000-WL | Fluid Energy Group Ltd. | Synthetic Acid | | | | | |
| | | | Proprietary | Proprietary | 20.00000 | 0.00117 | None |
| Clearal 268 | ChemStream | Biocide | | | | | |
| | | | Glutaraldehyde | 111-30-8 | 20.00000 | 0.00056 | None |
| Enviro-Syn HCR-7000-WL | Fluid Energy Group Ltd. | Synthetic Acid | | | | | |
| | | | Proprietary | Proprietary | 10.00000 | 0.00029 | None |
| StimSTREAM SC-398 | ChemStream | Scale Inhibitor | | | | | |
| | | | Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid) (BHMT) | 34690-00-1 | 10.00000 | 0.00010 | None |
| StimSTREAM FR 9800 | ChemStream | Friction Reducer | | | | | |
| | | | Oleic Acid Diethanolamide | 93-83-4 | 2.00000 | 0.00003 | None |
| StimSTREAM FR 9800 | ChemStream | Friction Reducer | | | | | |
| | | | Alcohols, C12-16, ethoxylated | 68551-12-2 | 2.00000 | 0.00003 | None |
| Clearal 268 | ChemStream | Biocide | | | | | |
| | | | Didecyl dimethyl ammonium chloride | 7173-51-5 | 3.00000 | 0.00001 | None |
| Clearal 268 | ChemStream | Biocide | | | | | |
| | | | Quaternary Ammonium Compounds | 68424-85-1 | 3.00000 | 0.00001 | None |
| StimSTREAM FR 9800 | ChemStream | Friction Reducer | | | | | |
| | | | Ammonium chloride (NH ₄ Cl) | 12125-02-9 | 1.00000 | 0.00001 | None |
| Clearal 268 | ChemStream | Biocide | | | | | |
| | | | Ethanol | 64-17-5 | 1.50000 | 0.00000 | 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

* Total Water Volume sources may include various types of water including fresh water, produced water, and 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.

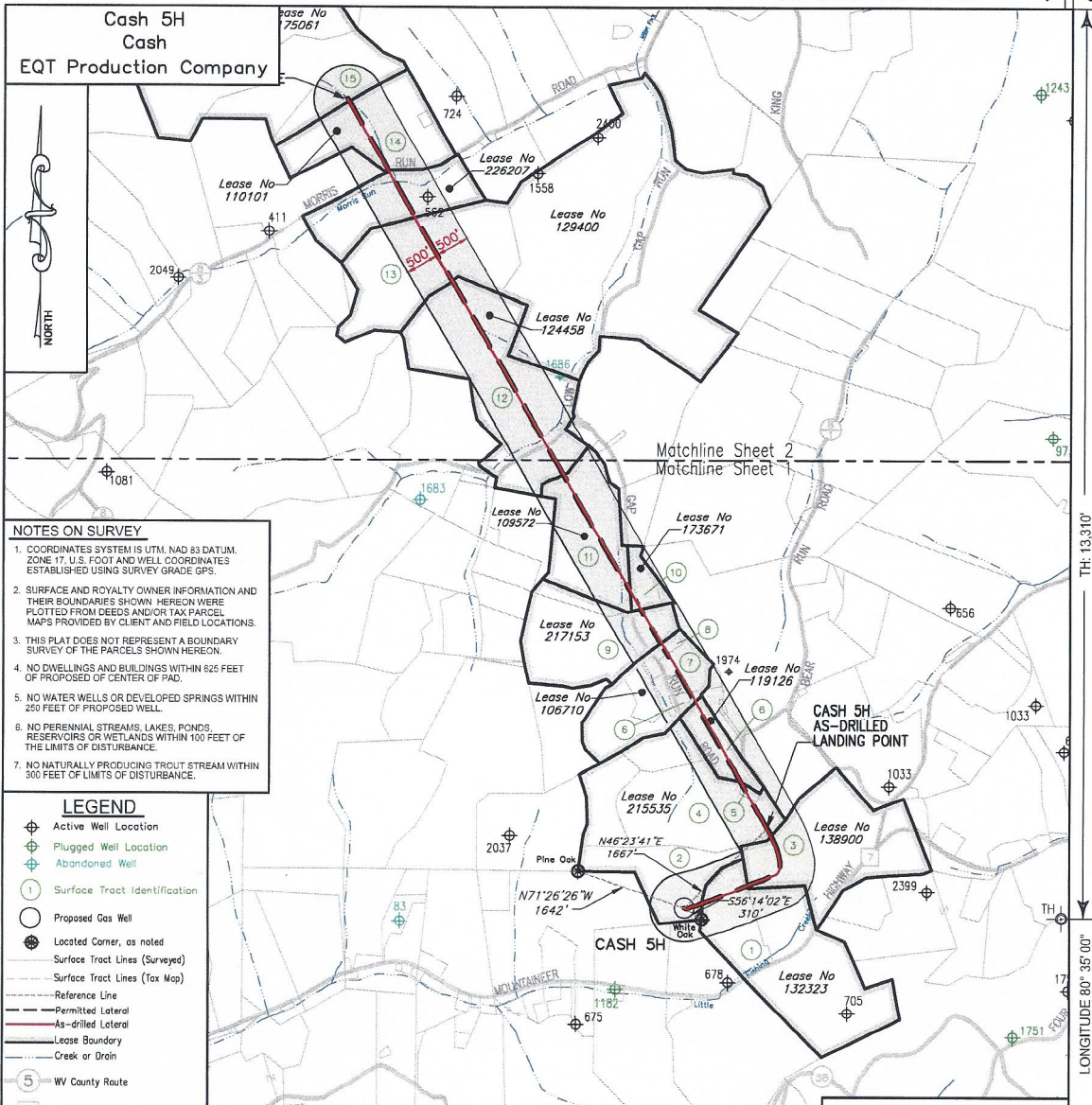
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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WV Department of
Environmental Protection

07/19/2024



NOTES ON SURVEY

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7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

- LEGEND**
- ⊕ Active Well Location
 - ⊕ Plugged Well Location
 - ⊕ Abandoned Well
 - ① Surface Tract Identification
 - Proposed Gas Well
 - ⊕ Located Corner, as noted
 - Surface Tract Lines (Surveyed)
 - Surface Tract Lines (Tax Map)
 - Reference Line
 - Permitted Lateral
 - As-Drilled Lateral
 - Lease Boundary
 - Creek or Drain
 - ⑤ WV County Route
 - ⑤ WV State Route

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

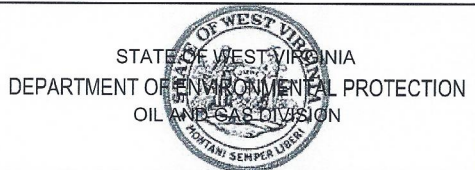


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Thomas C. Smit
L. L. S. 687



FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: SEPTEMBER 27, 20 23
OPERATORS WELL NO: Cash 5H
API WELL NO
47 - 103 - 03523
STATE COUNTY PERMIT

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

LOCATION ELEVATION: 1488' WATERSHED: Little Fishing Creek QUADRANGLE: Littleton
DISTRICT: Center COUNTY: Wetzel

SURFACE OWNER: John R. & Phyllis R. Bohrer ACREAGE: 52.95 ±
ROYALTY OWNER: Green Dot Farm, Inc., et al. LEASE NO: 215535 ACREAGE: 121.18±

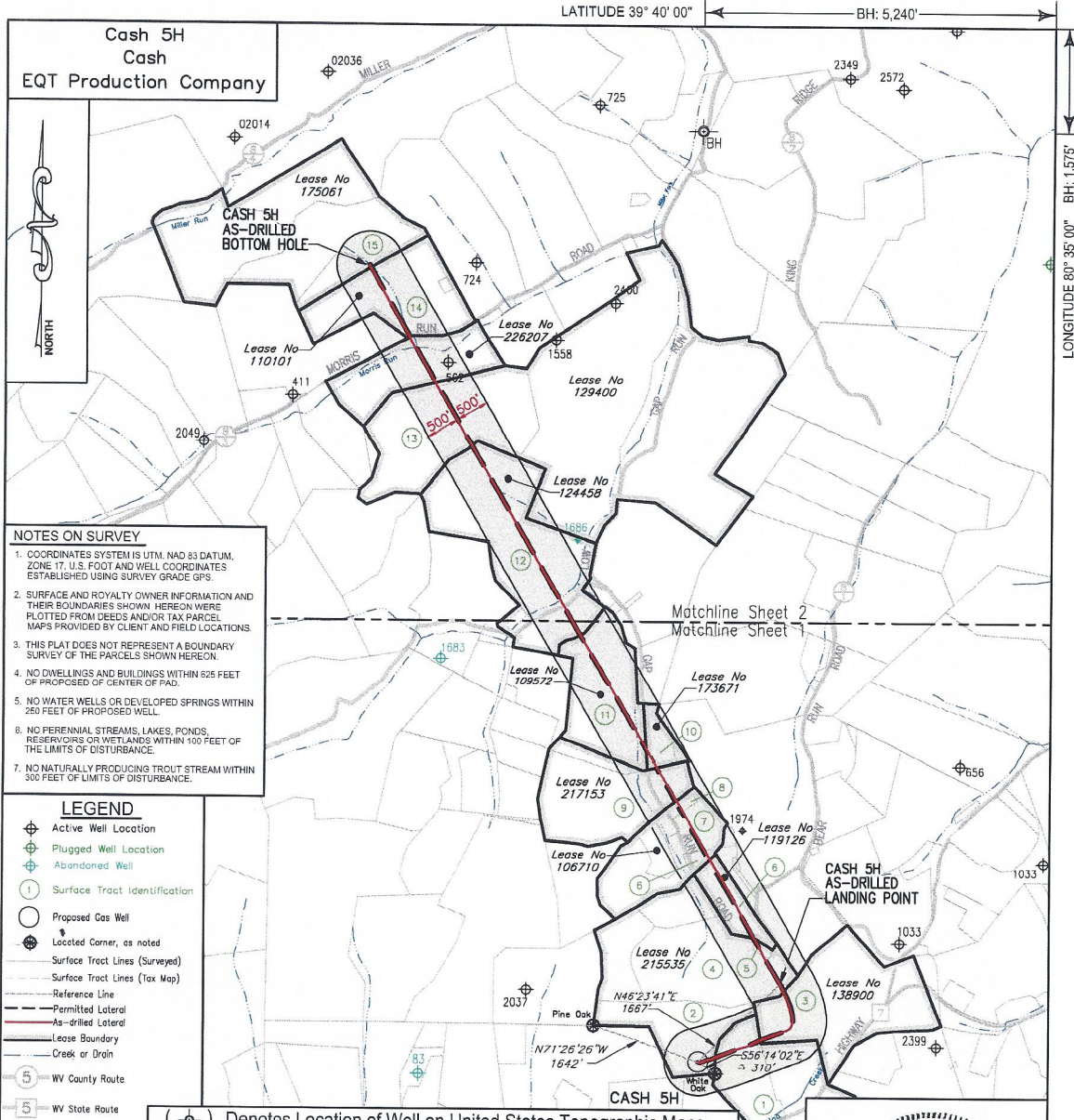
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,652'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

WV Department of Environmental Protection

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Office Of Oil and Gas
APR 16 2024

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7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

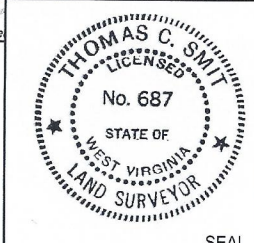
LEGEND

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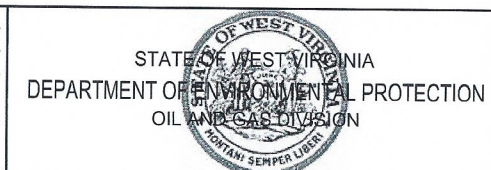
(⊕) Denotes Location of Well on United States Topographic Maps

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Thomas C. Smit
L. L. S. 687



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



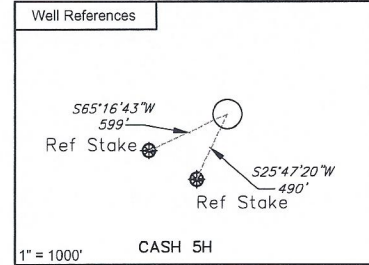
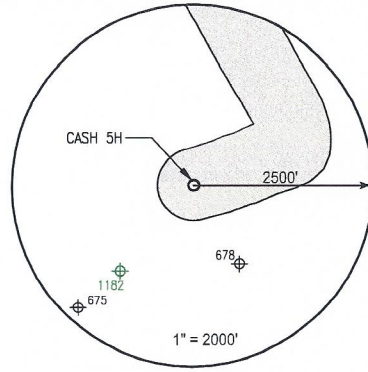
DATE: SEPTEMBER 27, 20 23
OPERATORS WELL NO: Cash 5H
API WELL NO
47 - 103 - 03523
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION ELEVATION: 1488' WATERSHED: Little Fishing Creek QUADRANGLE: Littleton
DISTRICT: Center COUNTY: Wetzel
SURFACE OWNER: John R. & Phyllis R. Bohrer ACREAGE: 52.95 ±
ROYALTY OWNER: Green Dot Farm, Inc., et al. LEASE NO: 215535 ACREAGE: 121.18±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

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APR 16 2024
WV Department of
Environmental Protection

| Cash 5H Cash EQT Production Company | | | | | | |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|----------|------------------------------------------------------------------------------|----------------------------|
| Tract ID. | Tax Map No. | Parcel No. | County | District | Surface Tract Owner | Acres |
| 1 | 15 | 59.1 | Wetzel | Center | Michael D & Amber N Amos | 24.74 |
| 2 | 15 | 58.0 | Wetzel | Center | John R. & Phyllis R. Bohrer | 52.95 |
| 3 | 15 | 47.0 | Wetzel | Center | Phillips C O EST & Goldie EST, Shuman & Anna Marie Haynes | 47.30 |
| 4 | 15 | 46.0 | Wetzel | Center | Robert E Sr & Brenda S Dorsey | 82.00 |
| 5 | 15 | 46.1 | Wetzel | Center | Robert E Dorsey Sr | 1.00 |
| 6 | 15 | 32.0 | Wetzel | Center | Ronald L Reed | 19.58 |
| 7 | 15 | 19.0 | Wetzel | Center | Linda Kay & Gary Wilson | 12.04 |
| 8 | 15 | 19.2 | Wetzel | Center | William Coffman | 2.03 |
| 9 | 15 | 17.0 | Wetzel | Center | Jonathan W White | 41.50 |
| 10 | 15 | 21.1 | Wetzel | Center | Daniel J Cancilla | 7.73 |
| 11 | 15 | 3.0 | Wetzel | Center | Connie S White | 47.50 |
| 12 | 11 | 30.0 | Wetzel | Center | Edward M, II & Judith Q. Kauffman, Jeffrey M. Kauffman and Jennifer M. Stake | 93.48 |
| 13 | 11 | 15.0 | Wetzel | Center | Green Dot Farm, Inc. | 133.00 |
| 14 | 11 | 12.0 | Wetzel | Center | Noel Anderson | 51.62 |
| 15 | 10 | 20.0 | Wetzel | Center | Noel Anderson | 47.50 |
| Lease | Owner | | | | | Acres |
| 215535 | Green Dot Farm, Inc., et al. | | | | | 121.18 ac |
| 132323 | AMP IV, LP, et al. | | | | | 100 ac |
| 138900 | Wiliam B. Franck and Pamela S. Franck, Trustees of the William B. and Pamela S. Franck Joint Revocable Living Trust dated 2/12/2018, et al. | | | | | 75 ac |
| 119126 | Thomas J. Iacoboni, Trustee of the Thomas J. Iacoboni Revocable Trust Agreement, dated 5/15/2018, et al. | | | | | 16.66 ac |
| 106710 | Adelaide Yvonne Emery Aulich, et al. | | | | | 39.5 ac |
| 217153 | Venable Royalty, LTD., and V14, LP | | | | | 47.144 ac |
| 173671 | Wiliam B. Franck and Pamela S. Franck, Trustees of the William B. and Pamela S. Franck Joint Revocable Living Trust dated 2/12/2018, et al. | | | | | 8.09375 ac |
| 109572 | AMP IV, LP, et al. | | | | | 47.5 ac of 369.34 ac lease |
| 124458 | AMP V, LP, et al. | | | | | 96 ac |
| 129400 | Timothy J. Ashcraft, et al. | | | | | 398 ac |
| 226207 | Timothy J. Ashcraft, et al. | | | | | 35 ac |
| 110101 | Jack Anderson, et ux., et al. | | | | | 51.625 ac |
| 175061 | OXY USA Inc. et al. | | | | | 135 ac of 11,075 ac lease |

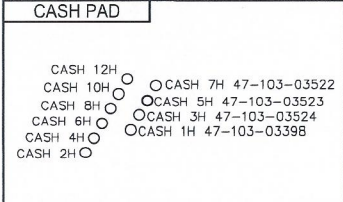


Notes:
CASH 5H coordinates are
 NAD 27 N: 413,429.025 E: 1,694,704.066
 NAD 27 Lat: 39.630045 Long: -80.583944
 NAD 83 UTM N: 4,386,789.062 E: 535,721.645

CASH 5H Landing Point coordinates are
 NAD 27 N: 414,578.450 E: 1,695,910.830
 NAD 27 Lat: 39.633241 Long: -80.579709
 NAD 83 UTM N: 4,387,145.397 E: 536,083.472

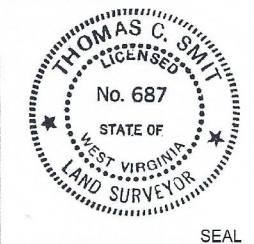
CASH 5H Bottom Hole coordinates are
 NAD 27 N: 425,225.730 E: 1,689,725.940
 NAD 27 Lat: 39.662264 Long: -80.602131
 NAD 83 UTM N: 4,390,357.696 E: 534,145.110

West Virginia Coordinates 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.



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. Smith
 L. L. S. 687



FILE NO: W2192 (BK 65-61)
 DRAWING NO:
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: SEPTEMBER 27, 20 23
 OPERATORS WELL NO: Cash 5H
 API WELL NO: 47 - 103 - 03523
 STATE COUNTY PERMIT

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

LOCATION ELEVATION: 1488' WATERSHED: Little Fishing Creek QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel

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 ROYALTY OWNER: Green Dot Farm, Inc., et al. LEASE NO: 215535 ACREAGE: 121.18 ±

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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,652'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
 Canonsburg, PA 15317 Clarksburg, WV 26301

WV Department of Environmental Protection
 Office of Oil and Gas
 APR 16 2024

07/19/2024
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Well Operator's Report of Well Work



Well Number: L-002951

API: 47 - 103 - 03523

Submission: Initial Amended

Notes: Original

RECEIVED
Office Of Oil and Gas

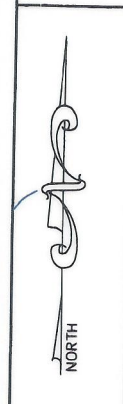
APR 16 2024

WV Department of
Environmental Protection

07/19/2024

Cash 5H
Cash
EQT Production Company

Base No
75061



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- LEGEND**
- Active Well Location
 - Plugged Well Location
 - Abandoned Well
 - Surface Tract Identification
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 - Surface Tract Lines (Tax Map)
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 - Permitted Lateral
 - As-drilled Lateral
 - Lease Boundary
 - Creek or Drain
 - WV County Route
 - WV State Route

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

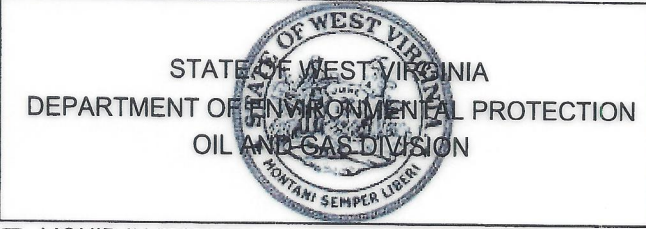
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Thomas C. Smith
L. L. S. 687



SEAL

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

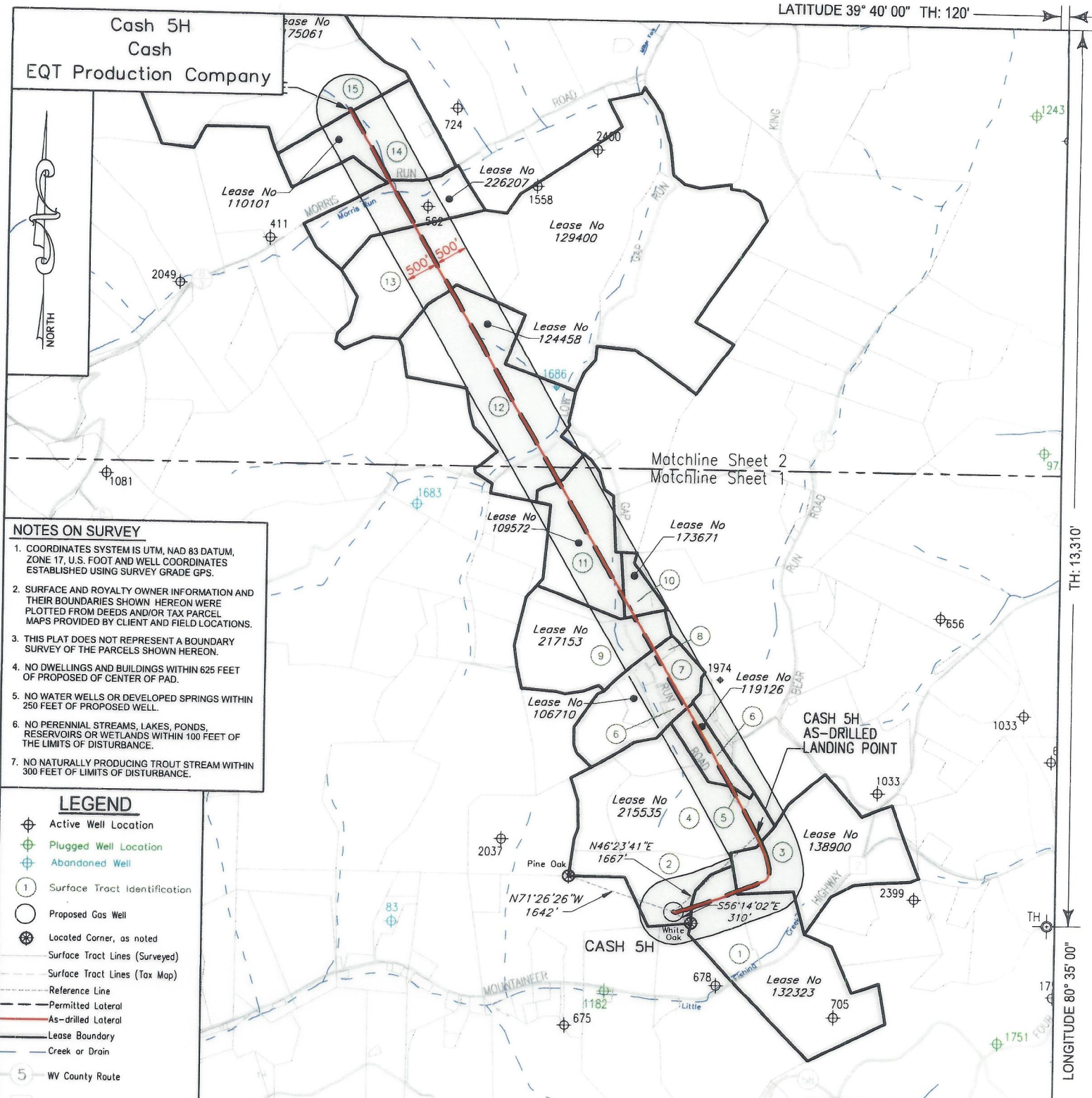


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WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

AS-DRILLED



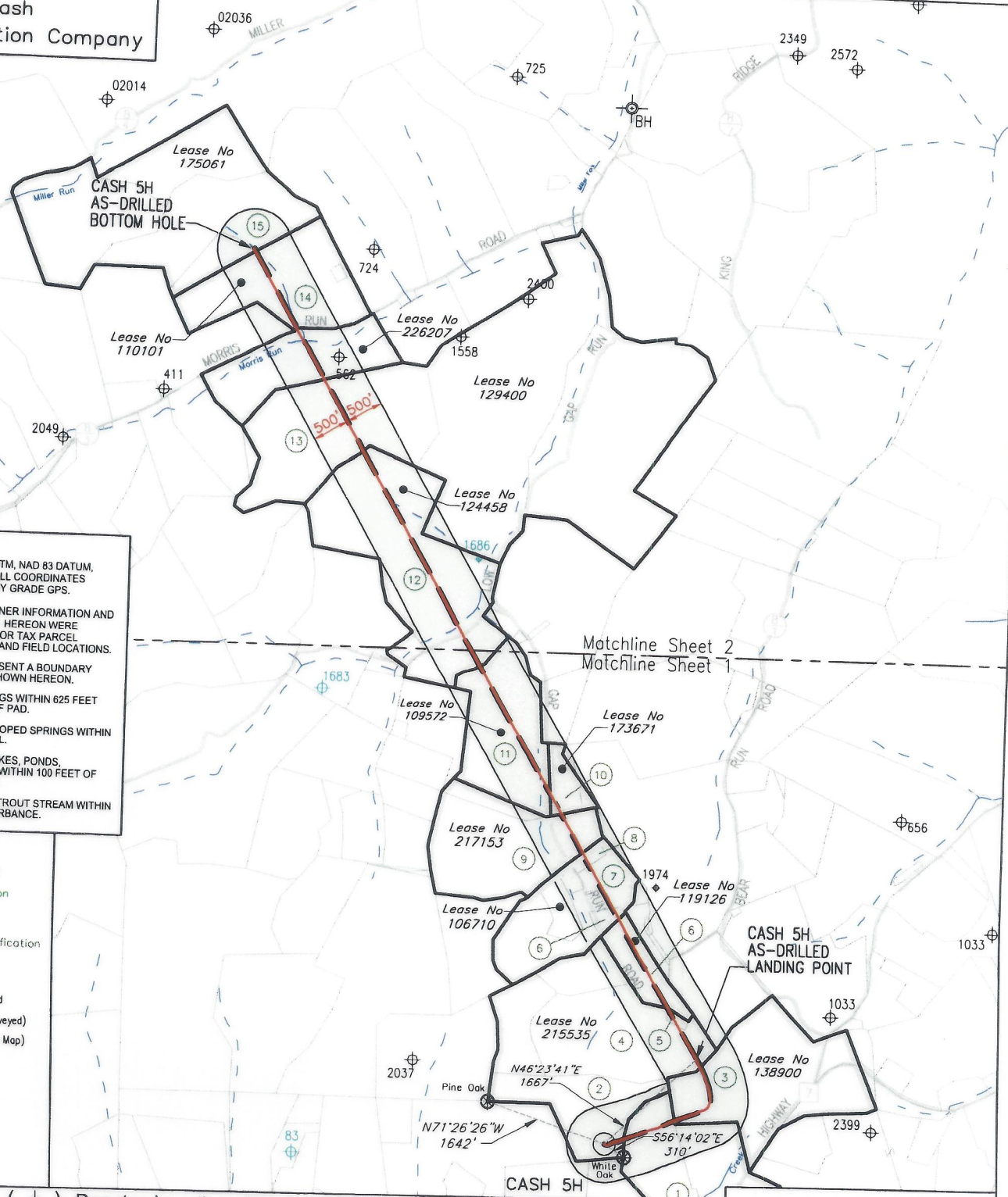
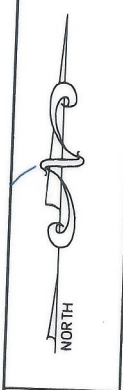
LONGITUDE 80° 35' 00"

Cash 5H
Cash
EQT Production Company

LATITUDE 39° 40' 00"

BH: 5,240'

LONGITUDE 80° 35' 00"



NOTES ON SURVEY

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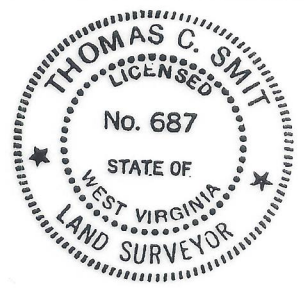
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L. L. S. 687



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47 - 103 - 03523
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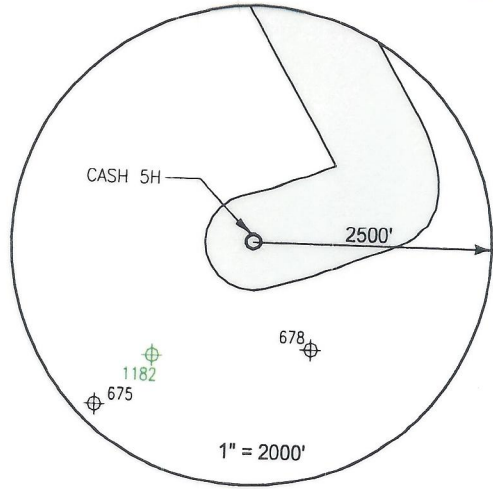
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

07/19/2024

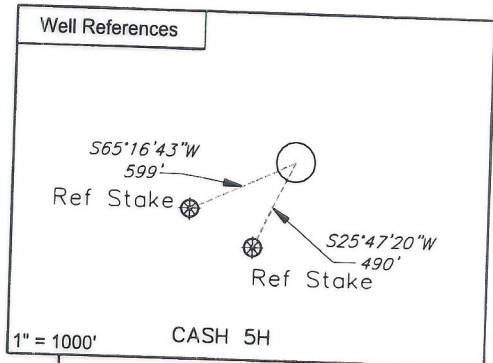
AS-DRILLED

Cash 5H
Cash
EQT Production Company

| Tract ID. | Tax Map No. | Parcel No. | County | District | Surface Tract Owner | Acres |
|-----------|-------------|------------|--------|----------|-------------------------------------------------------------------------------------|--------|
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| 13 | 11 | 15.0 | Wetzel | Center | Green Dot Farm, Inc. | 133.00 |
| 14 | 11 | 12.0 | Wetzel | Center | Noel Anderson | 51.62 |
| 15 | 10 | 20.0 | Wetzel | Center | Noel Anderson | 47.50 |



| Lease | Owner | Acres |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 215535 | Green Dot Farm, Inc., et al. | 121.18 ac |
| 132323 | AMP IV, LP, et al. | 100 ac |
| 138900 | William B. Francik and Pamela S. Francik, Trustees of the William B. and Pamela S. Francik Joint Revocable Living Trust dated 2/12/2018, et al. | 75 ac |
| 119126 | Thomas J. Iacoboni, Trustee of the Thomas J. Iacoboni Revocable Trust Agreement, dated 5/15/2018, et al. | 16.66 ac |
| 106710 | Adelaide Yvonne Emery Aulich, et al. | 39.5 ac |
| 217153 | Venable Royalty, LTD., and V14, LP | 47.144 ac |
| 173671 | William B. Francik and Pamela S. Francik, Trustees of the William B. and Pamela S. Francik Joint Revocable Living Trust dated 2/12/2018, et al. | 8.09375 ac |
| 109572 | AMP IV, LP, et al. | 47.5 ac of 369.34 ac lease |
| 124458 | AMP V, LP, et al. | 96 ac |
| 129400 | Timothy J. Ashcraft, et al. | 398 ac |
| 226207 | Timothy J. Ashcraft, et al. | 35 ac |
| 110101 | Jack Anderson, et ux., et al. | 51.625 ac |
| 175061 | OXY USA Inc, et al. | 135 ac of 11,075 ac lease |



Notes:
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NAD 83 UTM N: 4,386,789.062 E: 535,721.645

CASH 5H Landing Point coordinates are
NAD 27 N: 414,578.450 E: 1,695,910.830
NAD 27 Lat: 39.633241 Long: -80.579709
NAD 83 UTM N: 4,387,145.397 E: 536,083.472

CASH 5H Bottom Hole coordinates are
NAD 27 N: 425,225.730 E: 1,689,725.940
NAD 27 Lat: 39.662264 Long: -80.602131
NAD 83 UTM N: 4,390,357.696 E: 534,145.110

West Virginia Coordinates 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.

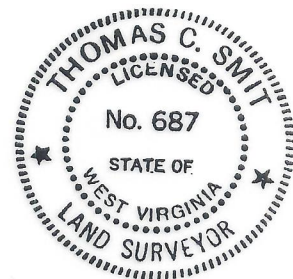
CASH PAD

- CASH 12H
- CASH 10H
- CASH 8H
- CASH 6H
- CASH 4H
- CASH 2H
- CASH 7H 47-103-03522
- CASH 5H 47-103-03523
- CASH 3H 47-103-03524
- CASH 1H 47-103-03398



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.

L. L. S.
L. L. S. 687



SEAL

FILE NO: W2192 (BK 65-61)
DRAWING NO:
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY:
1:2500
PROVEN SOURCE OF ELEVATION:
NGS CORS Station



DATE: SEPTEMBER 27, 20 23
OPERATORS WELL NO: Cash 5H
API WELL NO
47 - 103 - 03523
STATE COUNTY PERMIT

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

LOCATION ELEVATION: 1488' WATERSHED: Little Fishing Creek QUADRANGLE: Littleton
DISTRICT: Center COUNTY: Wetzel

SURFACE OWNER: John R. & Phyllis R. Bohrer ACREAGE: 52.95 ±
ROYALTY OWNER: Green Dot Farm, Inc., et al. LEASE NO: 215535 ACREAGE: 121.18±

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: 7,652'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

07/19/2024