

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

API 47 - 033 - 03089 County Harrison District Union
Quad West Milford Pad Name BW-8109 Field/Pool Name Kennedy
Farm name Minter, Guinn Well Number BW-8109
Operator (as registered with the OOG) EASTERN GAS TRANSMISSION AND STORAGE, INC. (FORMERLY DOMINION ENERGY TRANSMISSION, INC.)
Address 925 White Oaks Blvd. City Bridgeport State WV Zip 26330

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4334048.8 Easting 546442.4
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1265' 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)
GEL WATER, BENTONITE GEL, BRINE, FRESHWATER

Date permit issued 7/29/2019 Date drilling commenced N/A Date drilling ceased N/A
Date completion activities began 8/23/2019 Date completion activities ceased 12/20/2019
Verbal plugging (Y/N) N/A Date permission granted 7/29/2019 Granted by JAMES A. MARTIN

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

Freshwater depth(s) ft N/A Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

09/24/2021

API 47- 033 - 03089 Farm name Minter, Guinn Well number BW-8109

| CASING STRINGS | Hole Size | Casing Size | Depth | New or Used | Grade wt/ft | Basket Depth(s) | Did cement circulate (Y/ N) * Provide details below* |
|---------------------------|-----------|-------------|-------|-------------|---------------|-----------------|---|
| Conductor | | | | | | | |
| Surface | | 13-3/8" | 241' | | K-55 48#/FT | | Y |
| Coal | | | | | | | |
| Intermediate 1 | | 8-5/8" | 2152' | | K-55 24#/FT | | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | | 4-1/2" | 1880' | | J-55 10.5#/FT | | Y |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details BASED ON HISTORICAL WELL RECORDS. PULLED 4707' OF 2-3/8" TUBING. UPDATED 4-1/2" PRODUCTION TO PLUG BACK DEPTH.

| 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 | | | | | | | |
| Surface | N/A | 300 | | | | SURFACE | |
| Coal | | | | | | | |
| Intermediate 1 | N/A | 1000 | | | | SURFACE | |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | CLASS A | 472 | 15.2 | 1.28 | 604 | SURFACE | 24 |
| Tubing | | | | | | | |

Drillers TD (ft) 4903' Loggers TD (ft) 4903'
 Deepest formation penetrated ALEXANDER Plug back to (ft) 1880'
 Plug back procedure REFER TO ATTACHED PLUG BACK DESCRIPTION SHEET.

Kick off depth (ft) N/A

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 N/A

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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| <u>PRODUCING FORMATION(S)</u> | <u>DEPTHS</u> | |
|-------------------------------|--------------------|----------------------------------|
| <u>GANTZ</u> | <u>1849'-1870'</u> | <u>TVD</u> _____ <u>MD</u> _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 846 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ Oil _____ NGL _____ Water _____ GAS MEASURED BY
 Estimated Orifice Pilot
0 mcfpd _____ bpd _____ bpd _____ bpd

| 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 | | |
| SALT SAND | 790' | 970' | | | |
| LITTLE LIME | 1446' | 1469' | | | |
| BIG LIME | 1487' | 1520' | | | |
| BIG INJUN | 1521' | 1667' | | | |
| GANTZ | 1849' | 1869' | | | GAS |
| GANTZ "A" | 1884' | 1902' | | | |
| | | | | | |
| | | | | | |
| | | | | | |
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Please insert additional pages as applicable.

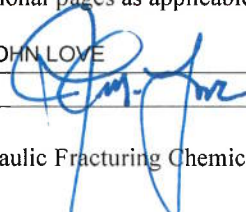
Drilling Contractor KEY ENERGY SERVICES
 Address 138 SEWER PLANT ROAD City BUCKHANNON State WV Zip 26201

Logging Company BAKER HUGHES
 Address 180 CHILDERS RUN ROAD City BUCKHANNON State WV Zip 26201

Cementing Company BOSS SERVICES
 Address 4300 BERLIN ROAD City WESTON State WV Zip 26452

Stimulating Company NINE ENERGY
 Address 2163 STATE ROUTE 821 City WHIPPLE State OH Zip 45788

Please insert additional pages as applicable.

Completed by JOHN LOVE Telephone 681-842-3311
 Signature  Title DIRECTOR OF STORAGE Date 09/02/2021

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

09/24/2021

Well 47-033-03089 plugged back with the following materials, over the following intervals:

| <u>Material or Zone of Interest</u> | <u>Bottom</u> | <u>Top</u> |
|---|-----------------------|------------|
| Tagged TD inside 4-1/2" casing | | 4685' |
| Class A cement (90 sx) | 4685' | 3685' |
| Class A cement (62 sx) | 3685' | 2844' |
| 6% bentonite gel | 2844' | 2807' |
| Class A cement (60 sx) | 2807' | 2040' |
| Cast Iron Bridge Plug | | 2035' |
| Cement Retainer | | 1890' |
| TD inside 4-1/2" casing after plug back | | 1880' |
| ****4-1/2" squeeze perforations: | 2028' – 2030' (4 spf) | |