

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

API 47 - 095 - 02624 County Tyler District McElroy
Quad Shirley 7.5 Pad Name Doc Field/Pool Name _____
Farm name Francis W. Tennant Sr. & Randy W. Tustin Well Number 7
Operator (as registered with the OOG) Jay Bee Oil and Gas, Inc
Address 16 South Avenue West, Ste 118 City Cranford State NJ Zip 07016

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4366645.61 Easting 519942.02
Landing Point of Curve Northing 4366996.93 Easting 519683.67
Bottom Hole Northing 4368668.46 Easting 519230.16

Elevation (ft) 1,039.9' 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

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

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Mud Type(s) and Additive(s)
Synthetic Based Mud (SOBM), K-49 (Base Oil), Barite, Anco Mul P, Anco Mul S, Anco Mul OW, Anco Mul XL, Anco Mul Mod

WV Department of
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Anco Mul OW, Claytone 3, Lime, Calcium Chloride Powder, Phalt S, Mica, Cal-Carb

Date permit issued 07/9/2019 Date drilling commenced 10/25/2019 Date drilling ceased 1/11/2022
Date completion activities began 2/19/2022 Date completion activities ceased 3/5/2022
Verbal plugging (Y/N) NA Date permission granted NA Granted by NA

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

Freshwater depth(s) ft 60-90' 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:
SM 03/17/2023
11/23/22

API 47- 095 - 02624 Farm name Francis W. Tennant Sr. & Randy W. Tustin Well number 7

| 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 | 24 | 18.625 | 30 | N | | NA | Y |
| Surface | 17.5 | 13.375 | 336 | N | 48#/H40 | 50 | Y |
| Coal | | | | | | | |
| Intermediate 1 | 11 | 8.625 | 2,252 | N | 24#/J55 | 100'/2200' | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 7.875 | 5-1/2 | 13,347 | N | 20#/P110 | NA | NO. (per design to 300') |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details _____

| 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 | Class A, 2%CaCl, 1/4 flake | | | | | SURFACE | 8 |
| Surface | Class A, 2%CaCl, 1/4 flake | 241 | 15.60 | 1.1966 | 289 | SURFACE | 8 |
| Coal | | | | | | | |
| Intermediate 1 | Class A, 2%CaCl | 682 | 15.6 | 1.18 | 932 | SURFACE | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | CLASS A, FLY ASH, MPA-170, R-3 | 2083 | 14.50 | 1.18 | 2,459 | 300' | 8 |
| Tubing | | | | | | | |

Drillers TD (ft) 13,347 Loggers TD (ft) 13,347 RECEIVED
 Deepest formation penetrated MARCELLUS Plug back to (ft) NA Office of Oil and Gas
 Plug back procedure NA AUG 23 2022

Kick off depth (ft) 6,346' WV Department of Environmental Protection

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 _____
5-1/2": Vertical Hole: bow spring every 500'. Horizontal: every 42' spiral centralizer. Curve: every 84' spiral centralizer
8-5/8": Bow Spring every 375'
13-3/8": Bow Spring every joint

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 _____

03/17/2023
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API 47- 095 - 02624

Farm name Francis W. Tennant Sr. & Randy W. Tustin

Well number DOC 7

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|--------------|
| 1 | 2-19-22 | 13166 | 13070 | 72 | MARCELLUS |
| 2 | 2-19-22 | 13020 | 12854 | 72 | MARCELLUS |
| 3 | 2-20-22 | 12815 | 12682 | 72 | MARCELLUS |
| 4 | 2-21-22 | 12628 | 12464 | 72 | MARCELLUS |
| 5 | 2-21-22 | 12422 | 12288 | 72 | MARCELLUS |
| 6 | 2-21-22 | 12230 | 12098 | 72 | MARCELLUS |
| 7 | 2-22-22 | 12056 | 11916 | 72 | MARCELLUS |
| 8 | 2-22-22 | 11876 | 11754 | 72 | MARCELLUS |
| 9 | 2-23-22 | 11697 | 11531 | 72 | MARCELLUS |
| 10 | 2-23-22 | 11496 | 11374 | 72 | MARCELLUS |
| 11 | 2-24-22 | 11334 | 11186 | 72 | MARCELLUS |
| 12 | 2-24-22 | 11150 | 11014 | 72 | MARCELLUS |
| 13 | 2-24-22 | 10976 | 10800 | 72 | MARCELLUS |
| 14 | 2-25-22 | 10761 | 10626 | 72 | MARCELLUS |
| 15 | 2-25-22 | 10590 | 10445 | 72 | MARCELLUS |
| 16 | 2-26-22 | 10402 | 10229 | 72 | MARCELLUS |

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

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Complete a separate record for each stimulation stage.

| Stage No. | Stimulations Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Environmental Protection Nitrogen/other (units) |
|-----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|---|
| 1 | 2-19-22 | 69.7 | 7296 | 6518 | 4765 | 125410 | 5397 | N/A |
| 2 | 2-20-22 | 71.1 | 6877 | 6477 | 4702 | 123280 | 5421 | N/A |
| 3 | 2-20-22 | 70.7 | 7092 | 5634 | 4678 | 125329 | 5317 | N/A |
| 4 | 2-21-22 | 71 | 7008 | 6543 | 4598 | 125398 | 5347 | N/A |
| 5 | 2-21-22 | 71.2 | 6625 | 5627 | 4633 | 124069 | 5460 | N/A |
| 6 | 2-21-22 | 70.2 | 6936 | 6314 | 4688 | 124999 | 5282 | N/A |
| 7 | 2-22-22 | 70.7 | 6696 | 6054 | 4611 | 122857 | 6441 | N/A |
| 8 | 2-22-22 | 70.4 | 6884 | 5835 | 4767 | 122554 | 5194 | N/A |
| 9 | 2-23-22 | 70.4 | 6847 | 6384 | 4867 | 122949 | 5330 | N/A |
| 10 | 2-23-22 | 70.9 | 6800 | 6193 | 5019 | 128022 | 5563 | N/A |
| 11 | 2-24-22 | 70.8 | 6855 | 5915 | 4914 | 124672 | 5243 | N/A |
| 12 | 2-24-22 | 70.7 | 6750 | 6124 | 4363 | 180586 | 7765 | N/A |
| 13 | 2-24-22 | 70.2 | 6379 | 5928 | 4643 | 211449 | 7402 | N/A |
| 14 | 2-25-22 | 70.1 | 6360 | 6084 | 4612 | 205120 | 7777 | N/A |
| 15 | 2-25-22 | 70.3 | 6605 | 4741 | 6064 | 242594 | 8081 | N/A |
| 16 | 2-26-22 | 70.2 | 6617 | 6550 | 4586 | 237733 | 7852 | N/A |

Please insert additional pages as applicable.

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API 47- 095 - 02624

Farm name Francis W. Tennant Sr. & Randy W. Tustin

Well number DOC 7

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|--------------|
| 17 | 3-26-22 | 10174 | 10040 | 72 | MARCELLUS |
| 18 | 3-26-22 | 10000 | 9899 | 72 | MARCELLUS |
| 19 | 3-26-22 | 9841 | 9687 | 72 | MARCELLUS |
| 20 | 2-27-22 | 9629 | 9479 | 72 | MARCELLUS |
| 21 | 3-28-22 | 9445 | 9311 | 72 | MARCELLUS |
| 22 | 3-1-22 | 9270 | 9120 | 72 | MARCELLUS |
| 23 | 3-1-22 | 9073 | 8922 | 72 | MARCELLUS |
| 24 | 3-1-22 | 8891 | 8738 | 72 | MARCELLUS |
| 25 | 3-2-22 | 8695 | 8570 | 72 | MARCELLUS |
| 26 | 3-2-22 | 8530 | 8369 | 72 | MARCELLUS |
| 27 | 3-2-22 | 8330 | 8189 | 72 | MARCELLUS |
| 28 | 3-3-22 | 8140 | 7983 | 72 | MARCELLUS |
| 29 | 3-3-22 | 7930 | 7814 | 72 | MARCELLUS |
| 30 | 3-4-22 | 7774 | 7658 | 72 | MARCELLUS |
| 31 | 3-4-22 | 7605 | 7494 | 72 | MARCELLUS |
| 32 | 3-4-22 | 7462 | 7304 | 72 | MARCELLUS |

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

WV Department of
Environmental Protection

| Stage No. | Stimulations Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/other (units) |
|-----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| 17 | 2-26-22 | 70.1 | 6402 | 5939 | 4907 | 238502 | 7511 | N/A |
| 18 | 2-26-22 | 69.9 | 6410 | 6192 | 4561 | 240020 | 7657 | N/A |
| 19 | 2-27-22 | 70 | 6260 | 6126 | 4482 | 239905 | 7744 | N/A |
| 20 | 2-28-22 | 70.2 | 6329 | 6570 | 4637 | 240268 | 7763 | N/A |
| 21 | 2-28-22 | 70 | 6238 | 6125 | 4291 | 239825 | 7892 | N/A |
| 22 | 3-1-22 | 70.3 | 6447 | 6490 | 4148 | 240000 | 7804 | N/A |
| 23 | 3-1-22 | 70.4 | 6422 | 6138 | 4188 | 216235 | 7894 | N/A |
| 24 | 3-1-22 | 70.3 | 6441 | 6515 | 5660 | 225361 | 7479 | N/A |
| 25 | 3-2-22 | 70.2 | 6494 | 6096 | 4349 | 237516 | 8170 | N/A |
| 26 | 3-2-22 | 71.2 | 6410 | 6088 | 4509 | 260347 | 9652 | N/A |
| 27 | 3-3-22 | 69.9 | 6016 | 5508 | 4037 | 259363 | 8332 | N/A |
| 28 | 3-3-22 | 70.1 | 6081 | 5958 | 4608 | 259085 | 8413 | N/A |
| 29 | 3-4-22 | 70.6 | 6371 | 5478 | 5018 | 235532 | 8024 | N/A |
| 30 | 3-4-22 | 71.1 | 6346 | 5518 | 4839 | 259948 | 8237 | N/A |
| 31 | 3-4-22 | 70.7 | 6099 | 5231 | 4243 | 259181 | 8237 | N/A |
| 32 | 3-5-22 | 70.3 | 6184 | 5747 | 4136 | 235094 | 7924 | N/A |

Please insert additional pages as applicable.

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API 47- 095 - 02624 Farm name Francis W. Tennant Sr. & Randy W. Tustin Well number 7

| PRODUCING FORMATION(S) | DEPTHS | |
|------------------------|-------------------|-------------------|
| <u>Marcellus</u> | <u>6,824'</u> TVD | <u>13,347'</u> MD |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2450 psi Bottom Hole 2450 psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 6171.4 mcfpd Oil 4.5 bpd NGL N/A bpd Water 10 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 | | |
| SEE ATTACHED | | | | | |
| | | | | | |
| | | | | | RECEIVED Office of Oil and Gas |
| | | | | | AUG 23 2022 |
| | | | | | WV Department of Environmental Protection |
| | | | | | |
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| | | | | | |
| | | | | | |

Please insert additional pages as applicable.

Drilling Contractor Precision Drilling
Address 10350 Richmond AVE City Houston State TX Zip 77042

Logging Company Stratagraph NE Inc.
Address 116 Ellsworth Avenue City Marietta State OH Zip 45750

Cementing Company American Cementing
Address 3415 MILLENNIUM BLV City Massillon State OH Zip 44646

Stimulating Company CalFrac
Address 2001 Summit View RD City Smithfield State PA Zip 15478

Please insert additional pages as applicable.

Completed by Emily Potesta Telephone 304-628-3111
Signature  Title Regulatory Agent Date 08/19/2022

OIL AND GAS RECLAMATION NOTICE

TO:

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Pursuant to West Virginia Code 22-7, notice is hereby given that the undersigned well operator is commencing the reclamation of the surface disturbance caused by well work required by West Virginia Code 22-6-30 on the tract of land as follows:

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API Permit No. 47- 095 - 02624 _____;

WV Department of
Environmental Protection

Acreage 11.47 _____;

Watershed Indian Creek of Outlet Middle Island Creek (HUC-10) _____;

District McElroy _____;

County Tyler _____;

Public Road Access Indian Creek Rd. _____;

Generally used farm name Francis W. Tennant Sr. & Randy W. Tustin _____.

This tract of land was utilized in connection with the well work authorized by the permit listed above issued by the Office of Oil and Gas of the West Virginia Department of Environmental Protection.

Any claim for oil and gas production damage compensation from the undersigned must be made within 2 years of the publication of this notice.

Well Operator Jay-Bee Oil & Gas, Inc. _____

Address 429 Simonton Rd. _____

Ellenboro, WV 26346 _____

Telephone 304-628-3111 _____

03/17/2023

SM

| | | | |
|---------------------------|--------------|------------|----------|
| PAD-WELL | Doc No. 7 | | |
| ELEVATION | 1039 | | |
| PERMIT | 47-095-02624 | | |
| | TOP TVD | BOTTOM TVD | |
| Carroll Sand | 340 | 378 | |
| Murphy Sand | 450 | 510 | |
| 1st Cow Run Sand | 535 | 590 | |
| Little Dunkard Sand | 668 | 675 | |
| Dunkard Sand | 705 | 805 | |
| sandstone | 915 | 930 | |
| 2nd Cow Run Sand | 1043 | 1050 | |
| Gas Sand | 1210 | 1222 | |
| 1st Salt | 1297 | 1365 | |
| 2nd Salt | 1509 | 1608 | |
| 3rd Salt | 1915 | 1970 | |
| Maxon | | | |
| Big Lime | 2012 | 2075 | |
| Big Injun | 2127 | 2213 | Gas show |
| Berea | | | |
| Gordon | 2790 | 2807 | Gas show |
| Fifth | 3010 | 3017 | |
| Warren | 3493 | 3524 | |
| Riley | 4315 | 4340 | |
| Benson | 4975 | 4992 | |
| Alexander | 5400 | 5465 | |
| Hamilton | 5638 | 6199 | Gas show |
| Upper Marcellus (Geneseo) | 6703 | 6738 | Gas show |
| Purcell (Tully Lm) | 6738 | 6742 | |
| Marcellus | 6790 | | Gas show |
| Cherry Valley | | | |

03/17/2023
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Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|-------------------------|
| Job Start Date: | 2/19/2022 |
| Job End Date: | 3/5/2022 |
| State: | West Virginia |
| County: | Tyler |
| API Number: | 47-095-02624-00-00 |
| Operator Name: | Jay-Bee Oil & Gas, Inc. |
| Well Name and Number: | Doc 7 |
| Latitude: | 39.44917900 |
| Longitude: | -80.76822900 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 6,815 |
| Total Base Water Volume (gal): | 9,884,141 |
| 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 | Supplied by Operator | Base Fluid | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 92.59300 | |
| CalGel™ 4000 | CWS | Gel Slurry | | | | | |
| | | | | Listed Below | | | |

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| | | | | | | | |
|--------------------|--------------|-------------------------|--|--------------|--|--|--|
| CalBreak™ 5700 | CWS | Breaker | | | | | |
| | | | | Listed Below | | | |
| DynaScale™ 3511 | CWS | Scale Inhibitor | | | | | |
| | | | | Listed Below | | | |
| DynaRate™ 6459 | CWS | Friction Reducer | | | | | |
| | | | | Listed Below | | | |
| Sand (Proppant) | CWS | Propping Agent | | | | | |
| | | | | Listed Below | | | |
| CalGuard™ 9100 | CWS | Corrosion Inhibitor | | | | | |
| | | | | Listed Below | | | |
| Hydrochloric Acid | CWS | Clean Perforations | | | | | |
| | | | | Listed Below | | | |
| MBC 12:3 | CWS | Microbiocide | | | | | |
| | | | | Listed Below | | | |
| DWP-NE1 | CWS | Non-Emulsifier | | | | | |
| | | | | Listed Below | | | |
| Other Chemical (s) | Listed Above | See Trade Name (s) List | | | | | |

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| | | | | Listed Below | | | |
|---|--|--|--|--------------|-----------|---------|--|
| Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients. | | | | | | | |
| | | | Crystalline silica (Quartz) | 14808-60-7 | 100.00000 | 7.10995 | |
| | | | Hydrochloric acid | 7647-01-0 | 37.00000 | 0.18205 | |
| | | | Calcite | 471-34-1 | 1.00000 | 0.04479 | |
| | | | Illite | 12173-60-3 | 1.00000 | 0.02631 | |
| | | | Apatite | 64476-38-6 | 0.10000 | 0.00711 | |
| | | | Goethite | 1310-14-1 | 0.10000 | 0.00711 | |
| | | | Biotite | 1302-27-8 | 0.10000 | 0.00711 | |
| | | | Distillates (petroleum), hydrotreated middle | 64742-46-7 | 60.00000 | 0.00591 | |
| | | | Guar gum | 9000-30-0 | 60.00000 | 0.00591 | |
| | | | Glutaraldehyde | 111-30-8 | 14.00000 | 0.00326 | |
| | | | Ilmenite | 98072-94-7 | 0.10000 | 0.00263 | |
| | | | Ethanol | 64-17-5 | 3.00000 | 0.00070 | |
| | | | Didecyl dimethyl ammonium chloride | 7173-51-5 | 3.00000 | 0.00070 | |
| | | | Alkyl dimethyl benzyl ammonium chloride | 68424-85-1 | 3.00000 | 0.00070 | |
| | | | Isopropanol | 67-63-0 | 30.00000 | 0.00067 | |
| | | | Quaternary ammonium compounds, bis (hydrogenated tallow alkyl)dimethyl, salts with bentonite | 68953-58-2 | 5.00000 | 0.00049 | |
| | | | Dimethylcocoamine, bis (chloroethyl) ether, diquaternary ammonium salt | 68607-28-3 | 20.00000 | 0.00045 | |
| | | | Methanol | 67-56-1 | 10.00000 | 0.00022 | |
| | | | Oxirane, 2-methyl-, polymer with oxirane, monodecyl ether | 37251-67-5 | 1.50000 | 0.00015 | |
| | | | Ethylene Glycol | 107-21-1 | 40.00000 | 0.00014 | |
| | | | Amines, coco alkyl dimethyl | 61788-93-0 | 5.00000 | 0.00011 | |

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|--|--|--|---|-------------|----------|---------|--|
| | | | Substituted ammonium chloride | Proprietary | 5.00000 | 0.00011 | Proprietary CAS |
| | | | Distillates (petroleum), hydrotreated light | 64742-47-8 | 3.00000 | 0.00008 | |
| | | | Ammonium chloride ((NH4)Cl) | 12125-02-9 | 5.00000 | 0.00008 | |
| | | | Diethylene glycol, monomethyl ether | 34590-94-8 | 20.00000 | 0.00007 | |
| | | | Hydrogen peroxide (H2O2) | 7722-84-1 | 8.00000 | 0.00003 | |
| | | | Cinnamaldehyde | 104-55-2 | 10.00000 | 0.00003 | |
| | | | Formic acid | 64-18-6 | 10.00000 | 0.00003 | |
| | | | Ethoxylated Alcohols | 68131-39-5 | 10.00000 | 0.00003 | |
| | | | Tar bases, quinolone derivs, benzyl chloride- quaternized | 72480-70-7 | 10.00000 | 0.00003 | |
| | | | Isopropyl alcohol | 67-63-0 | 5.00000 | 0.00002 | |
| | | | Proprietary Polymer 1 | Proprietary | | | Proprietary CAS & Additive Concentration |
| | | | Inorganic Acid Salt | Proprietary | | | Proprietary CAS & Additive Concentration |
| | | | Organic Acid Ether | Proprietary | | | Proprietary CAS & Additive Concentration |
| | | | Inorganic Salt | Proprietary | | | Proprietary CAS & Additive Concentration |

* 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%

*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

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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DM

References:



LATITUDE 39-30-00 N

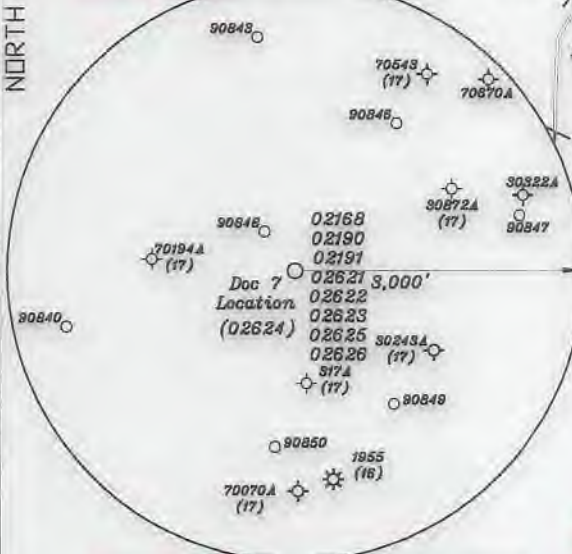
| NUMBER | DIRECTION | DISTANCE |
|--------|-----------|----------|
| L1 | N5°56'E | 2,477.7' |
| L2 | S04°41'E | 2,815.8' |
| L3 | N35°22'W | 1,431.2' |

LEGEND

- As Drilled (Red dashed line)
- Permitted (Blue dashed line)
- Lease lines (Dotted line)
- 500' from well bore path (Dashed line)
- Surface tracts within lease (Dashed line)
- Adjoiner tracts (Dashed line)

16" Double Shagbark Hickory Doc 7

- A- R. Dotson T.M. 11/5.2 1.0 Ac.
- B- Straight T.M. 11/5 0.88 Ac.
- C- Tennant & Tustin T.M. 11/6 46.51 Ac.
- D- T. Dotson T.M. 11/5 62.0 Ac.
- E- Jay Bee Oil & Gas, Inc T.M. 6/35.1 8.0 Ac. **T3050C**
- F- Coastal Forest Resources Co. Coastal Timberlands Co. T.M. 6/36 70.0 Ac.
- G- Westbrook T.M. 6/34 10.13 Ac. **T3138**
- H- A. Warner T.M. 6/10.1 0.968 Ac. **T3098B**
- I- Tallman T.M. 6/33 14.75 Ac. **T3136C**
- J- Fields & Leasure T.M. 11/52 1.25 Ac.
- K- Hoover T.M. 11/17.4 1.12 Ac. **T3048A**
- L- Hoover T.M. 11/17.2 0.25 Ac. **T3048B3**
- M- Lancaster T.M. 11/17.3 0.6 Ac. **T3048B2**
- N- Mt. Zion Cemetery T.M. 11/16 0.88 Ac.
- O- Headley T.M. 11/8 95.511 Ac.
- P- Headley T.M. 11/33.1 9.227 Ac.
- Q- Wilson & Black T.M. 11/17.1 0.65 Ac.
- R- Dave & Annie Underwood Est. T.M. 11/4 136.0 Ac.
- S- R. Warner T.M. 6/10.2 1.25 Ac.
- T- Tallman T.M. 6/30 25.75 Ac. **T3136D, T3136E**



Landing Point - LP
 Geo NAD 83- 39.452311 N, 80.771221 W
 UTM NAD 83(Meters)-4366886.83 N, 519683.67 E
 UTM NAD 83(Feet)-14327389.10 N, 1704995.52 E

Bottom Hole - BH
 Geo NAD 83- 39.467388 N, 80.776443 W
 UTM NAD 83(Meters)-4368888.48 N, 519330.16 E
 UTM NAD 83(Feet)-14332873.12 N, 1709507.68 E

Top Hole - TH
 Geo NAD 83- 39.449140 N, 80.768230 W
 UTM NAD 83(Meters)-4366845.68 N, 519941.91 E
 UTM NAD 83(Feet)-14328236.72 N, 1705842.74 E

Landing Point - LP
 Geo NAD 83- 39.451000 N, 80.770868 W
 UTM NAD 83(Meters)-4366851.52 N, 519714.35 E
 UTM NAD 83(Feet)-14328912.03 N, 1705096.17 E

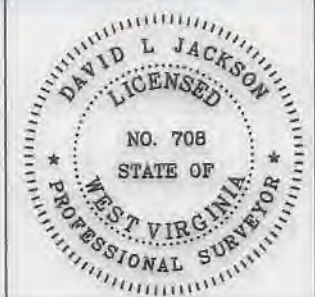
Bottom Hole - BH
 Geo NAD 83- 39.467398 N, 80.776394 W
 UTM NAD 83(Meters)-4368889.94 N, 519334.45 E
 UTM NAD 83(Feet)-14332877.96 N, 1709521.69 E

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) David L Jackson
 R.P.E. _____ P.S. 708



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE August 05, 2022
 OPERATOR'S WELL NO. Doc 7
 API WELL NO. _____

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

LOCATION: ELEVATION 1,039.9' WATER SHED Indian Creek of Outlet Middle Island Creek (HUC-10)
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Shirley 7 1/2'

SURFACE OWNER Francis W. Tennant Sr. & Randy W. Tustin ACREAGE 46.51 Ac.
 OIL & GAS ROYALTY OWNER Arnold Schulberg LEASE ACREAGE 46.51 Ac.
 LEASE NO. See Above

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
 STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW
 FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As Drilled

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Marcellus ESTIMATED DEPTH TVD = 6,824'; TMD = 13,347'
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Deborah Broda-Morgan
 ADDRESS 16 South Ave. W., Ste 118, Cranford NJ 07016 ADDRESS 429 Simonton Rd., Ellenboro, WV 26346

03/17/2023