

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

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Office Of Oil and Gas

MAR 16 2023

WV Department of
Environmental Protection

API 47 - 073 - 02604 County Pleasants District Union
Quad Bens Run 7 1/2' Pad Name P6 Field/Pool Name _____
Farm name Billy D. Hanlin Heirs Well Number P6S3U
Operator (as registered with the OOG) 24610
Address 429 Simonton Road City Ellenboro State WV Zip 26346

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing -4363275.90 Easting 491789.01
Landing Point of Curve Northing -4363134.79 Easting 491717.31
Bottom Hole Northing -4361044.61 Easting 492817.15

Elevation (ft) 887.6' 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 Mud (SOBM), K-49 (Base Oil), Barite, Anco Mul P, Anco Mul OW, Anco Mul XL, Anco Mul Mod
Anco Mul OW Claytone 3, Lime, Calcium Chloride Powder, Phalt S, Mica, Cal-Carb

Date permit issued 1/26/2021 Date drilling commenced 8/5/2022 Date drilling ceased 9/8/2022
Date completion activities began n/a Date completion activities ceased n/a
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 120'-125' 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:

05/05/2023

APPROVED

API 47- 073 - 02604 Farm name Billy D. Hanlin Heirs Well number P6S3U

| 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 | 30" | 26" | 30' | New | n/a | n/a | Grouted |
| Surface | 24" | 18.625" | 371' | New | 87.5# K-55 | 82' | Yes |
| Coal | | | | | | | |
| Intermediate 1 | 17.5" | 13.375" | 2061' | New | 54.5# J-55 | 2017' - 293' | Yes |
| Intermediate 2 | 12.25" | 9.625" | 9342' | New | 47# HCP-110 | 2016' - 9258' | Yes |
| Intermediate 3 | | | | | | | |
| Production | 8.5" | 5.5" | 18,438' | New | 23# P-110 | n/a | Yes |
| Tubing | 5.5" | 2 7/8" | 10,013' | New | 6.5# L80 | n/a | n/a |
| Packer type and depth set | | n/a | | | | | |

Comment Details Surface CTS with 20% OH excess / Intermediate 1 CTS with 30% OH excess / Intermediate 2 CTS with 25% OH excess
Production 2000' from surface with 15 % OH excess

| 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 | n/a | n/a | n/a | n/a | CTS | 8 hours |
| Surface | Class A | 482 | 15.6 | 1.19 | 572 | CTS | 8 hours |
| Coal | | | | | | | |
| Intermediate 1 | Class A | 1537 | 15.6 | 1.19 | 1829 | CTS | 8 hours |
| Intermediate 2 | Class A | 1700 | Lead 12.5 Tail 15.0 | Lead 2.29 Tail 1.31 | 3584 | CTS | 8 hours |
| Intermediate 3 | | | | | | | |
| Production | Class H | 3997 | 16.50 | 1.05 | 4201 | 2000' | 24 hours |
| Tubing | | | | | | | |

Drillers TD (ft) 18,452' Loggers TD (ft) 18,403'
Deepest formation penetrated Point Pleasant Shale Plug back to (ft) n/a
Plug back procedure n/a

Kick off depth (ft) 9500'

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

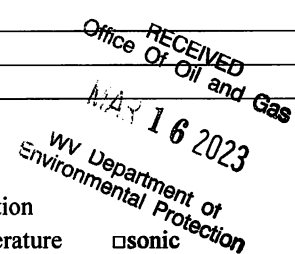
Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
5.5" vertical centralizers every 500'/ horizontal and curve centralizers every other joint or one every 84'
9.625" bow spring centralizers spaced every 10th joint
13.375" bow spring centralizers or centralizing basket every 10th joint
18.625" bow spring centralizers or centralizing basket every 100'

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 _____



API 47- 073 - 02604

Farm name Billy D. Hanlin Heirs

Well number P6S3U

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|----------------|
| 1 | 11-6-22 | 18378 | 18182 | 84 | Point Pleasant |
| 2 | 11-7-22 | 18121 | 17962 | 84 | Point Pleasant |
| 3 | 11-8-22 | 17902 | 17728 | 84 | Point Pleasant |
| 4 | 11-8-22 | 17662 | 17512 | 84 | Point Pleasant |
| 5 | 11-8-22 | 17426 | 17242 | 84 | Point Pleasant |
| 6 | 11-9-22 | 17171 | 17018 | 84 | Point Pleasant |
| 7 | 11-9-22 | 16968 | 16780 | 84 | Point Pleasant |
| 8 | 11-9-22 | 16716 | 16554 | 84 | Point Pleasant |
| 9 | 11-10-22 | 16499 | 16340 | 84 | Point Pleasant |
| 10 | 11-10-22 | 16282 | 16136 | 84 | Point Pleasant |
| 11 | 11-10-22 | 16100 | 15928 | 84 | Point Pleasant |
| 12 | 11-11-22 | 15878 | 15682 | 84 | Point Pleasant |
| 13 | 11-11-22 | 15626 | 15450 | 84 | Point Pleasant |
| 14 | 11-11-22 | 15396 | 15192 | 84 | Point Pleasant |
| 15 | 11-12-22 | 15149 | 14984 | 84 | Point Pleasant |
| 16 | 11-13-22 | 14932 | 14768 | 84 | Point Pleasant |

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

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) | Amount of Nitrogen/other (units) |
|-----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| 1 | 11-7-22 | 71.4 | 9797 | 9414 | 6679 | 385033 | 978 | N/A |
| 2 | 11-7-22 | 73.2 | 9489 | 9128 | 6450 | 387133 | 9204 | N/A |
| 3 | 11-8-22 | 75.1 | 9848 | 11252 | 6938 | 385677 | 9137 | N/A |
| 4 | 11-8-22 | 75.1 | 10008 | 8822 | 8117 | 362829 | 9016 | N/A |
| 5 | 11-9-22 | 74.5 | 10047 | 10182 | 7144 | 386339 | 9031 | N/A |
| 6 | 11-9-22 | 74.5 | 9876 | 9793 | 7613 | 327817 | 8603 | N/A |
| 7 | 11-9-22 | 75 | 8625 | 8626 | 6753 | 385393 | 8879 | N/A |
| 8 | 11-10-22 | 74.6 | 9623 | 8355 | 7096 | 388474 | 9075 | N/A |
| 9 | 11-10-22 | 74.2 | 9377 | 7772 | 6946 | 389077 | 9189 | N/A |
| 10 | 11-10-22 | 74.2 | 9074 | 8459 | 7261 | 388478 | 9252 | N/A |
| 11 | 11-11-22 | 74.7 | 9223 | 8086 | 7168 | 387254 | 9139 | N/A |
| 12 | 11-11-22 | 74.8 | 8951 | 7699 | 7041 | 384113 | 9080 | N/A |
| 13 | 11-11-22 | 74.8 | 8870 | 7459 | 6993 | 384365 | 9775 | N/A |
| 14 | 11-12-22 | 74.7 | 8802 | 8173 | 6847 | 386952 | 9117 | N/A |
| 15 | 11-13-22 | 75.5 | 8744 | 7725 | 6963 | 384840 | 9071 | N/A |
| 16 | 11-14-22 | 75.3 | 8579 | 7820 | 7009 | 385102 | 9030 | N/A |

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Please insert additional pages as applicable.

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API 47- 073 - 02604

Farm name Billy D. Hanlin Heirs

Well number P6S3U

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|----------------|
| 17 | 11-14-22 | 14694 | 14541 | 84 | Point Pleasant |
| 18 | 11-14-22 | 14490 | 14316 | 84 | Point Pleasant |
| 19 | 11-14-22 | 14264 | 14074 | 84 | Point Pleasant |
| 20 | 11-15-22 | 14013 | 13834 | 84 | Point Pleasant |
| 21 | 11-15-22 | 13788 | 13634 | 84 | Point Pleasant |
| 22 | 11-15-22 | 13564 | 13362 | 84 | Point Pleasant |
| 23 | 11-16-22 | 12784 | 12616 | 84 | Point Pleasant |
| 24 | 11-16-22 | 12562 | 12408 | 84 | Point Pleasant |
| 25 | 11-16-22 | 12372 | 12202 | 84 | Point Pleasant |
| 26 | 11-17-22 | 12147 | 11946 | 84 | Point Pleasant |
| 27 | 11-17-22 | 11892 | 11717 | 84 | Point Pleasant |
| 28 | 11-17-22 | 11670 | 11492 | 84 | Point Pleasant |
| 29 | 11-18-22 | 11434 | 11286 | 84 | Point Pleasant |
| 30 | 11-18-22 | 11240 | 11032 | 84 | Point Pleasant |
| 31 | 11-18-22 | 10961 | 10788 | 84 | Point Pleasant |
| | | | | | |

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

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) | Amount of Nitrogen/other (units) |
|-----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| 17 | 11-14-22 | 74.8 | 8615 | 7851 | 7041 | 385463 | 9028 | N/A |
| 18 | 11-14-22 | 75.2 | 8885 | 8051 | 7088 | 382917 | 8948 | N/A |
| 19 | 11-14-22 | 74.9 | 9145 | 8665 | 7100 | 384971 | 8841 | N/A |
| 20 | 11-15-22 | 74.8 | 9303 | 8462 | 6883 | 385554 | 9034 | N/A |
| 21 | 11-15-22 | 75.4 | 9663 | 9564 | 7027 | 385035 | 9059 | N/A |
| 22 | 11-16-22 | 76.9 | 9779 | 9578 | 6962 | 387004 | 8607 | N/A |
| 23 | 11-16-22 | 74.6 | 9245 | 9094 | 6859 | 385707 | 8992 | N/A |
| 24 | 11-16-22 | 75.1 | 8853 | 8108 | 7067 | 385031 | 10506 | N/A |
| 25 | 11-16-22 | 76.2 | 8676 | 7886 | 7219 | 385554 | 83076 | N/A |
| 26 | 11-17-22 | 75.1 | 8376 | 7582 | 6813 | 377705 | 8992 | N/A |
| 27 | 11-17-22 | 76.2 | 8410 | 7746 | 6882 | 385385 | 8395 | N/A |
| 28 | 11-18-22 | 75.4 | 8330 | 7934 | 6819 | 383622 | 8942 | N/A |
| 29 | 11-18-22 | 75.4 | 9183 | 10105 | 6831 | 376065 | 8978 | N/A |
| 30 | 11-18-22 | 76.3 | 8496 | 8171 | 6861 | 385603 | 8201 | N/A |
| 31 | 11-19-22 | 75 | 8621 | 8265 | 7084 | 384921 | 9007 | N/A |
| | | | | | | | | |

Please insert additional pages as applicable.

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WR-35
Rev. 8/23/13

API 47- 073 - 02604

Farm name Billy D. Hanlin Heirs

Well number PL033U

| <u>PRODUCING FORMATION(S)</u> | <u>DEPTHS</u> | |
|--------------------------------------|---------------|------------|
| Point Pleasant Shale (landing point) | 10,081' TVD | 10,602' MD |
| Point Pleasant Shale (bottom hole) | 10,248' | 18,452' |
| | | |
| | | |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 7032 psi Bottom Hole 7032 psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 11.164 mcfpd Oil 0 bpd NGL 0 bpd Water 54 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) |
|-------------------------|--------------------------------|------------------------------|--------------------------|-----------------------------|--|
| SEE ATTACHED | 0 | | 0 | | SEE ATTACHED |
| | | | | | |
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Please insert additional pages as applicable.

Drilling Contractor Patterson-UTI
Address 10713 West Sam Houston Parkway N., Ste. 800 City Houston State TX Zip 77061

Logging Company Stratagraph NE Inc
Address 116 Ellsworth Ave. City Marietta State OH Zip 43250

Cementing Company American Cementing
Address 1213 Stonecreek Road City New Philadelphia State OH Zip 44663

Stimulating Company Cal-Frac
Address Suite 500-407-B Ave. Southwest City Calgary State Alberta Zip T2P 1E5

Please insert additional pages as applicable.

Completed by Andrew Neill Telephone (740) 885-9635
Signature  Title Drilling & Completions Manager Date 2/14/2023

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

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| | | | |
|-----------------------------|---------------------|-------------|----------|
| PAD-WELL / WR - 35 | P6 S3U | | |
| GROUND ELEVATION | 887 | | |
| PERMIT | 47- 73-02604 | | |
| | | | |
| 1st Cow Run Sand | 355 | 400 | |
| 2nd Cow Run Sand | 459 | 484 | |
| Dunkard Sand | 534 | 556 | |
| Burning Springs Sand | 719 | 775 | |
| Gas Sand | 821 | 875 | |
| Horseneck Sand | 1143 | 1185 | |
| 1st Salt | 1300 | 1352 | |
| 2nd Salt | 1422 | 1514 | |
| 3rd Salt | 1595 | 1752 | |
| Maxon | 1777 | 1809 | |
| Big Lime | 1882 | 1950 | |
| Big Injun Sand | 2012 | 2071 | |
| Squaw Sand | | | |
| Berea Sand | 2210 | 2220 | |
| Gordon Sand | 2483 | 2530 | |
| Fifth Sand | 2827 | 2836 | |
| Warren Shale | 3490 | 3570 | |
| Riley Shale | 4485 | 4522 | |
| Alexander Shale | 5118 | 5148 | |
| Hamilton Shale | 5249 | 5560 | show gas |
| Geneseo Shale | 5636 | 5663 | show gas |

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| | | | |
|----------------------------|---------------------|--------------|-----------------|
| PAD-WELL / WR - 35 | P6 S3U | | |
| GROUND ELEVATION | 887 | | |
| PERMIT | 47- 73-02604 | | |
| | | | |
| Tully Lime | 5663 | 5667 | |
| | | | |
| Marcellus Shale | 5715 | 5791 | show gas |
| | | | |
| Onondaga Lime | 5791 | 5980 | |
| | | | |
| Oriskany Sand | 5980 | 6039 | show gas |
| | | | |
| Helderberg | 6039 | 6450 | |
| | | | |
| Bass Island | 6450 | 6516 | |
| | | | |
| Salina Anhydrite | 6516 | 7136 | |
| | | | |
| Wills Creek | 7136 | 7375 | |
| | | | |
| Lockport Dolomite | 7375 | 7605 | |
| | | | |
| McKenzie | 7605 | 7708 | |
| | | | |
| Rose Hill | 7708 | 7934 | |
| | | | |
| Packer Shell | 7934 | 7953 | |
| | | | |
| Tuscarora Sand | 8052 | 8248 | |
| | | | |
| Medina | 8258 | 8299 | |
| | | | |
| Queenston Shale | 8299 | 9085 | show gas |
| | | | |
| Reedsville Shale | 9085 | 9892 | show gas |
| | | | |
| Utica Shale | 9892 | 10044 | show gas |
| | | | |
| Pt. Pleasants Shale | 10044 | | show gas |
| | | | |
| Lexington Lime | | | |
| | | | |
| Trenton Lime | | | |

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Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|-------------------------|
| Job Start Date: | 11/7/2022 |
| Job End Date: | 11/19/2022 |
| State: | West Virginia |
| County: | Pleasants |
| API Number: | 47-073-02604-00-00 |
| Operator Name: | Jay-Bee Oil & Gas, Inc. |
| Well Name and Number: | P6 S3U |
| Latitude: | 39.41896710 |
| Longitude: | -81.09538930 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 10,245 |
| Total Base Water Volume (gal): | 12,193,092 |
| 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 | 89.46668 | |
| DynaRate™ 6459 | CWO | Friction Reducer | | | | | |
| | | | | Listed Below | | | |

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| | | | | | | | |
|--------------------|--------------|-------------------------|--|--------------|--|--|--|
| DynaScale™ 3511 | CWS | Scale Inhibitor | | | | | |
| | | | | Listed Below | | | |
| CalGuard™ 9100 | CWS | Corrosion Inhibitor | | | | | |
| | | | | Listed Below | | | |
| Sand (Proppant) | CWS | Propping Agent | | | | | |
| | | | | Listed Below | | | |
| USB-123 | CWS | Microbiocide | | | | | |
| | | | | Listed Below | | | |
| Hydrochloric Acid | CWS | Clean Perforations | | | | | |
| | | | | Listed Below | | | |
| Other Chemical (s) | Listed Above | See Trade Name (s) List | | | | | |
| | | | | 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 | 10.01864 | |
| | | Hydrochloric acid | 7647-01-0 | 37.00000 | 0.37345 | |
| | | Calcite | 471-34-1 | 1.00000 | 0.05375 | |
| | | Illite | 12173-60-3 | 1.00000 | 0.04643 | |
| | | Biotite | 1302-27-8 | 0.10000 | 0.01002 | |
| | | Apatite | 64476-38-6 | 0.10000 | 0.01002 | |
| | | Goethite | 1310-14-1 | 0.10000 | 0.01002 | |
| | | Ilmenite | 98072-94-7 | 0.10000 | 0.00464 | |
| | | Glutaraldehyde | 111-30-8 | 14.00000 | 0.00330 | |

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| | | | | | | | |
|--|--|--|--|-------------|----------|---------|--|
| | | | Didecyl dimethyl ammonium chloride | 7173-51-5 | 3.00000 | 0.00071 | |
| | | | Ethanol | 64-17-5 | 3.00000 | 0.00071 | |
| | | | Alkyl dimethyl benzyl ammonium chloride | 68424-85-1 | 3.00000 | 0.00071 | |
| | | | Ethylene Glycol | 107-21-1 | 40.00000 | 0.00028 | |
| | | | Diethylene glycol, monomethyl ether | 34590-94-8 | 20.00000 | 0.00014 | |
| | | | Distillates (petroleum), hydrotreated light | 64742-47-8 | 3.00000 | 0.00010 | |
| | | | Ammonium chloride ((NH4)Cl) | 12125-02-9 | 5.00000 | 0.00010 | |
| | | | Formic acid | 64-18-6 | 10.00000 | 0.00007 | |
| | | | Ethoxylated Alcohols | 68131-39-5 | 10.00000 | 0.00007 | |
| | | | Tar bases, quinolone derivs, benzyl chloride- quatenized | 72480-70-7 | 10.00000 | 0.00007 | |
| | | | Cinnamaldehyde | 104-55-2 | 10.00000 | 0.00007 | |
| | | | Isopropyl alcohol | 67-63-0 | 5.00000 | 0.00004 | |
| | | | Proprietary Polymer 1 | Proprietary | | | Proprietary CAS & Additive Concentration |
| | | | Organic Acid Ether | Proprietary | | | Proprietary CAS & Additive Concentration |
| | | | Inorganic Acid Salt | 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%

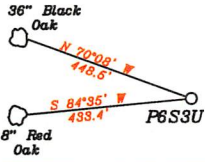
*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

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

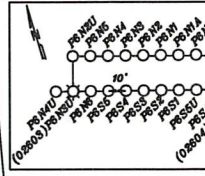
Ingredient information for chemicals subject to 29 CFR 19.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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References:



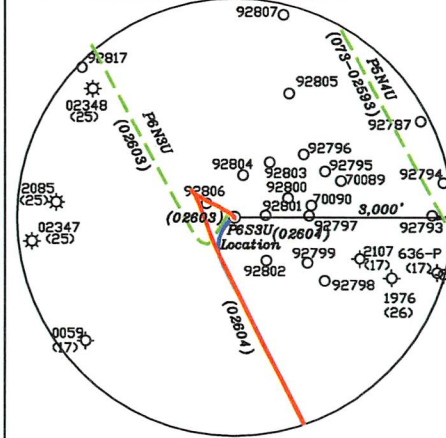
| NUMBER | DIRECTION | DISTANCE |
|--------|-----------|----------|
| L1 | S83°47' E | 1,300.4' |
| L2 | S42°04' W | 1,098.0' |
| L3 | S27°54' W | 519.6' |



Top Hole
 Geo NAD 83- 39.418968 N, 81.095389 W
 UTM NAD 83(Meters)-4363275.90 N, 491789.01 E
 UTM NAD 83(Feet)-14315181.02 N, 1613477.78 E

Landing Point
 Geo NAD 83- 39.417696 N, 81.096221 W
 UTM NAD 83(Meters)-4363134.79 N, 491717.31 E
 UTM NAD 83(Feet)-14314718.05 N, 1613242.53 E

Bottom Hole
 Geo NAD 83- 39.398871 N, 81.083421 W
 UTM NAD 83(Meters)-4361044.61 N, 492817.15 E
 UTM NAD 83(Feet)-14307860.54 N, 1616850.93 E



3. No water wells were found within 250' of the well location. No dwellings or buildings were found within 625' from the center of the proposed pad. No perennial streams are located within 100' of LOD. No producing trout stream is located within 800' of LOD.

4. All vertical deep wells within 3000' & all horizontal deep wells within 1000' of well bore path are shown on this plat.

WELL - P6S3U
UNIT BOUNDARY
AREA -
149.3396 ACRES ±

LEGEND

- Unit Boundary Line
- 400' from Bore Path
- 500' from Bore Path
- Well Lateral
- Point Pleasant Legs within 3000' (Proposed)
- Leased Tracts
- Surface Tracts
- Tracts within Unit Boundary
- As Drilled Leg
- Proposed Leg

(+) 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

DAVID L JACKSON
 LICENSED
 NO. 708
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR

RECEIVED
 Department of Oil and Gas
 Environmental Protection
 MAR 16 2023

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

DATE February 08, 2023
 OPERATOR'S WELL NO. P6S3U
 API WELL NO. _____

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

LOCATION: ELEVATION 887.6' WATER SHED Outlet Middle Island Creek (HUC-10)
 DISTRICT Union COUNTY Pleasants
 QUADRANGLE Bens Run 7 1/2'

SURFACE OWNER Billy D. Hanlin ACREAGE 58.5 Ac.
 OIL & GAS ROYALTY OWNER Billy D. Hanlin et al LEASE ACREAGE 58.5 Ac.
 LEASE NO. P7021

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 Point Pleasants ESTIMATED DEPTH TVD = 10,249'; TMD = 18,452'
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Deborah Broda-Morgan
 ADDRESS 16 South Avenue W, Ste 118, Cranford NJ 07016 ADDRESS 429 Simonton Road, Ellenboro, WV 26036

Top Hole 3,404'
 Bottom Hole 11,797'
 Bottom Hole 6,482'
 Top Hole 14,340'
 LONGITUDE 81-02-30 W (BH)
 LONGITUDE 81-05-00 W (TH)

05/2023

form wvgs

**WELL - P6S3U
UNIT BOUNDARY
AREA -
149.3396 ACRES ±**

| ADJOINING OWNERS TABLE | | | |
|------------------------|--|------------|---------|
| TRACT | SURFACE OWNER | TAX PARCEL | ACRES |
| S1 A | MICHAEL WILLIAM HANLIN | 07-11-50 | 58.5 |
| S2 B | HAESSLEY LAND AND TIMBER, LLC | 07-11-53 | 80.0 |
| S3 C | MICHAEL BLAINE BEAGLE | 07-11-48 | 112.25 |
| S4 D | CHRISTOPHER G HALL, CURTIS M HALL, MAX HALL & LINDA HALL | 04-02-03 | 84.0 |
| S5 E | JOHN P RIGGS & BRENDA J RIGGS | 04-04-05 | 58.5 |
| S6 F | JOHN P RIGGS & BRENDA J RIGGS | 04-04-01 | 425.278 |
| S7 G | JOHN P RIGGS & BRENDA J RIGGS | 04-04-06 | 39.0 |
| S8 H | CHRISTOPHER G HALL & CURTIS M HALL | 04-04-07 | 39.5 |
| S9 I | CHRISTOPHER G HALL & CURTIS M HALL | 04-04-13 | 42.5 |
| S10 | DAVID A FLEMING, BRYAN D. FLEMING, AARON E FLEMING & PATRICK T FLEMING | 04-04-23 | 90.52 |
| S11 | DAVID FLEMING, BRYAN FLEMING, PATRICK FLEMING & AARON FLEMING | 04-04-15 | 87.55 |
| S12 | STATE OF WEST VIRGINIA, DEPT OF COMMERCE, DIVISION OF NATURAL RESOURCES | 07-15-04 | 92.0 |
| S13 | STATE OF WEST VIRGINIA, DEPT OF COMMERCE, DIVISION OF NATURAL RESOURCES | 07-15-02 | 27 |
| S14 | JAYBEE OIL & GAS INC & GOLDEN EAGLES RESOURCES, LLC | 07-15-12 | 28.944 |
| S15 | CHRISTOPHER G HALL, CURTIS M HALL, MAX & LINDA HALL | 07-11-49 | 6.36 |
| S16 | JAYBEE OIL & GAS INC & GOLDEN EAGLES RESOURCES, LLC | 07-11-40 | 62.063 |
| S17 | CHRISTOPHER G HALL, CURTIS M HALL, MAX & LINDA HALL | 07-11-34 | 38.33 |
| S18 | CHRISTOPHER G HALL, CURTIS M HALL, MAX & LINDA HALL | 04-02-04 | 10.0 |
| S19 | JAYBEE OIL & GAS INC & GOLDEN EAGLES RESOURCES, LLC | 07-11-35 | 30.893 |
| S20 | EDWARD W WILLIAMSON & JEFFERY L WILLIAMSON | 07-11-33 | 14.25 |
| S21 | PATRICK DEAN SOLE | 07-11-26 | 49.18 |
| S22 | GRANT HOSKINSON | 07-11-22 | 3.63 |
| S23 | MICHAEL BLAINE BEAGLE | 07-11-21 | 1.0 |
| S24 | DEPT OF NATURAL RESOURCES | 07-11-22.1 | 1.37 |
| S25 | KENNETH G HOLMES, SANDRA K LAMM, ROGER Q HOLMES & RONALD S HOLMES | 07-11-25.7 | 40.88 |
| S26 | BMB ENTERPRISES, LLC | 07-11-01 | 157.5 |
| S27 | HEARTWOOD FORESTLAND FUND IV LIMINTED PARTNERSHIP | 07-10-18A | 600.097 |
| S28 | JOHN TICE | 07-11-51.1 | 1.0 |
| S29 | JED BATES & EVELYN BATES | 07-11-51 | 5.564 |
| S30 | JOHN P RIGGS & BRENDA J RIGGS | 04-04-01 | 65.0 |
| S31 | JOHN P RIGGS & BRENDA J RIGGS | 04-02-05 | 3.5 |
| S32 | TIMOTHY W MARTIN & ROBERT A MARTIN, DARRELL W TINGLER & MILFORD R TINGLER | 04-02-01 | 29.0 |
| S33 | CHRISTOPHER G HALL, CURTIS M HALL, VICKIE E NAZELROD, KATHY BAYLESS, ROCKIE HALL, MAX E HALL & JULIE G EFAW | 04-02-02 | 27.5 |

RECEIVED
Office Of Oil and Gas
MAR 16 2023
WV Department of
Environmental Protection



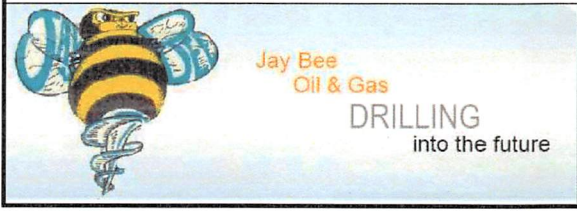
P.S.
708

David L Jackson

Top Hole
Geo NAD 83- 39.418967 N, 81.095389 W
UTM NAD 83(Meters)-4383275.83 N, 491789.01 E
UTM NAD 83(Feet)-14315180.80 N, 1613477.78 E

Landing Point
Geo NAD 83- 39.418148 N, 81.096548 W
UTM NAD 83(Meters)-4383185.06 N, 491689.13 E
UTM NAD 83(Feet)-14314882.99 N, 1613150.08 E

Bottom Hole
Geo NAD 83- 39.398876 N, 81.083405 W
UTM NAD 83(Meters)-4381045.13 N, 492818.52 E
UTM NAD 83(Feet)-14307882.22 N, 1616855.42 E



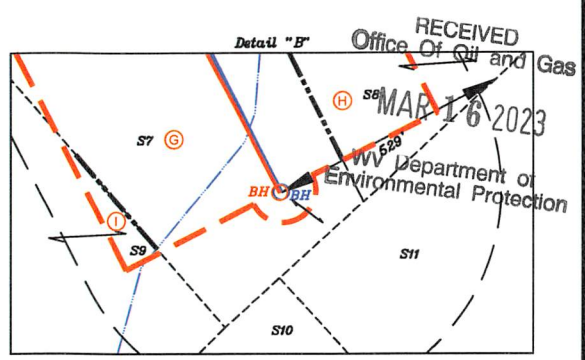
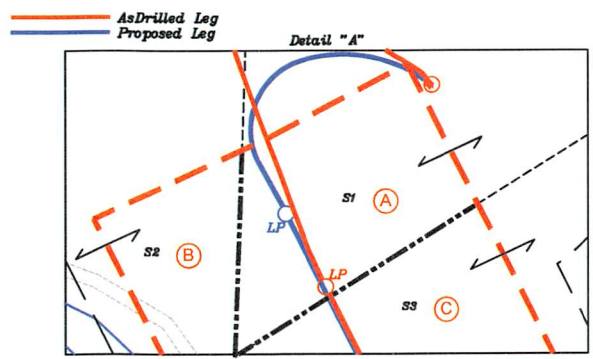
API #: 47-073-02604
WELL #: P6S3U
DISTRICT: UNION
COUNTY: PLEASANTS
STATE: WV

WELL PLAT
PAGE 2 OF 3
DATE: 02/08/2023

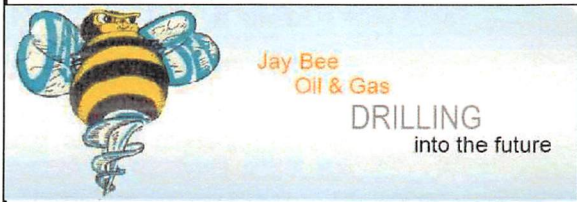
05/05/2023

**WELL - P6S3U
UNIT BOUNDARY
AREA -
149.3396 ACRES ±**

| <u>Tracts</u> | <u>District</u> <u>Tax Map/Parcel</u> | <u>Lease #</u> | <u>Grantor, Lessor, Etc.</u> |
|---------------|--|----------------|---|
| A | 07-11-50 | P7021 | Kathy McHenry |
| A | 07-11-50 | P7021 | Michael William Hanlin |
| A | 07-11-50 | P7021 | Siltstone |
| B | 07-11-53 | P7020 | Haessly Land and Timber, LLC |
| C | 07-11-48 | P7069 | BB Land, LLC |
| D | 04-02-03 | P4105 | Max & Linda Hall |
| D | 04-02-03 | P4105 | Christopher Hall |
| D | 04-02-03 | P4105 | Curtis Hall |
| E | 04-04-05 | P4101 | The W.J. Elliott Co., Inc |
| F | 04-04-01 | P4050 | John P. & Brenda J. Riggs |
| F | 04-04-01 | P4050 | Jay-Bee Royalty, LLC purchased a portion of the interest of John P. & Brenda J. Riggs |
| G | 04-04-06 | P4102 | The W.J. Elliott Co., Inc |
| H | 04-04-07 | P4100 | Christopher Hall |
| H | 04-04-07 | P4100 | Curtis Hall |
| I | 04-04-13 | P4103 | Hobart A. & Twila J. Isekeit |



P.S. 708 *David L Jackson*



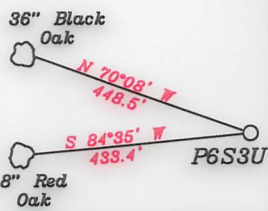
API #: 47-073-02604
WELL #: P6S3U
DISTRICT: UNION
COUNTY: PLEASANTS
STATE: WV

WELL PLAT
PAGE 3 OF 3
DATE: 02/08/2023

05/05/2023

LATITUDE 39-27-30 N (TH) **Top Hole 3,404'**
 LATITUDE 39-25-00 N (BH) **Bottom Hole 11,797'**

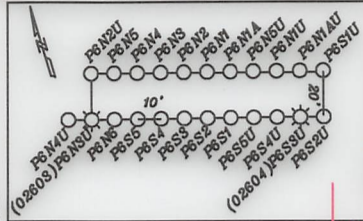
References:



Notes:
 1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & aerial photos.
 2. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

WELL - P6S3U
 UNIT BOUNDARY
 AREA -
 149.3396 ACRES ±

| NUMBER | DIRECTION | DISTANCE |
|--------|-----------|----------|
| L1 | S83°47' E | 1,300.4' |
| L2 | S42°04' W | 1,098.0' |
| L3 | S27°54' W | 519.5' |

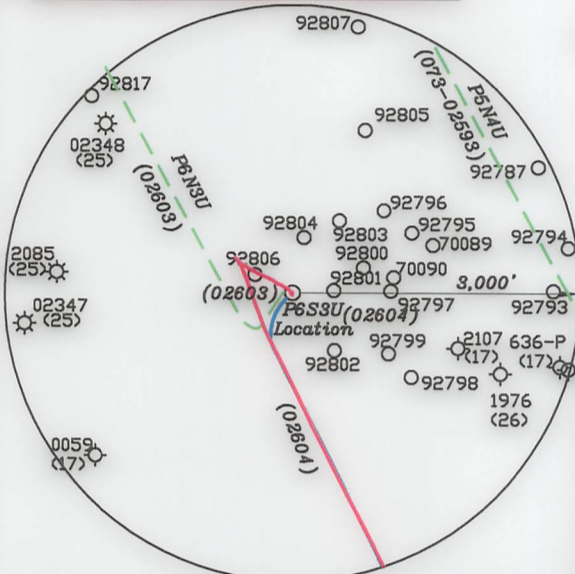


Top Hole
 Geo NAD 83- 39.418968 N, 81.095389 W
 UTM NAD 83(Meters)-4363275.90 N, 491789.01 E
 UTM NAD 83(Feet)-14315181.02 N, 1613477.78 E

Landing Point
 Geo NAD 83- 39.417696 N, 81.096221 W
 UTM NAD 83(Meters)-4363134.79 N, 491717.31 E
 UTM NAD 83(Feet)-14314718.05 N, 1613242.53 E

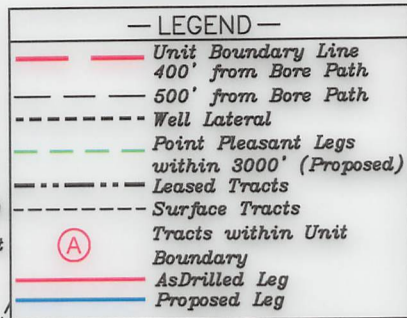
Bottom Hole
 Geo NAD 83- 39.398871 N, 81.083421 W
 UTM NAD 83(Meters)-4361044.61 N, 492817.15 E
 UTM NAD 83(Feet)-14307860.54 N, 1616850.93 E

NORTH



3. No water wells were found within 250' of the well location. No dwellings or buildings were found within 625' from the center of the proposed pad. No perennial streams are located within 100' of LOD. No producing trout stream is located within 300' of LOD.
 4. All vertical deep wells within 3000' & all horizontal deep wells within 1000' of well bore path are shown on this plat.

5. Well # 2502 (25) was permitted as a deep well but is producing in a shallow formation and is located 4,629' from the P6S3U lateral.



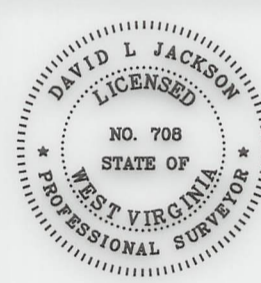
Bottom Hole 6,482'
 Bottom Hole 14,340'
 LONGITUDE 81-02-30 W (BH)
 LONGITUDE 81-05-00 W (TH)

(+) 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

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



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

DATE February 08, 2023
 OPERATOR'S WELL NO. P6S3U
 API WELL NO. _____

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

LOCATION: ELEVATION 887.6' WATER SHED Outlet Middle Island Creek (HUC-10)
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 QUADRANGLE Bens Run 7 1/2'

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 OIL & GAS ROYALTY OWNER Billy D. Hanlin et al LEASE ACREAGE 05/05/2023
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 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Deborah Broda-Morgan
 ADDRESS 16 South Avenue W, Ste 118, Cranford NJ 07016 ADDRESS 429 Simonton Road, Ellenboro, WV 26346

form ww6

**WELL - P6S3U
UNIT BOUNDARY
AREA -
149.3396 ACRES ±**

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| S13 | STATE OF WEST VIRGINIA, DEPT OF COMMERCE, DIVISION OF NATURAL RESOURCES | 07-15-02 | 27 |
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| S23 | MICHAEL BLAINE BEAGLE | 07-11-21 | 1.0 |
| S24 | DEPT OF NATURAL RESOURCES | 07-11-22.1 | 1.37 |
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| S26 | BMB ENTERPRISES, LLC | 07-11-01 | 157.5 |
| S27 | HEARTWOOD FORESTLAND FUND IV LIMINTED PARTNERSHIP | 07-10-18A | 600.097 |
| S28 | JOHN TICE | 07-11-51.1 | 1.0 |
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P.S.
708

David L Jackson

Top Hole
Geo NAD 83- 39.418967 N, 81.095389 W
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UTM NAD 83(Feet)-14315180.80 N, 1613477.78 E

Landing Point
Geo NAD 83- 39.418148 N, 81.096548 W
UTM NAD 83(Meters)-4363185.06 N, 491689.13 E
UTM NAD 83(Feet)-14314882.99 N, 1613150.08 E

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UTM NAD 83(Meters)-4361045.13 N, 492818.52 E
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05/05/2023



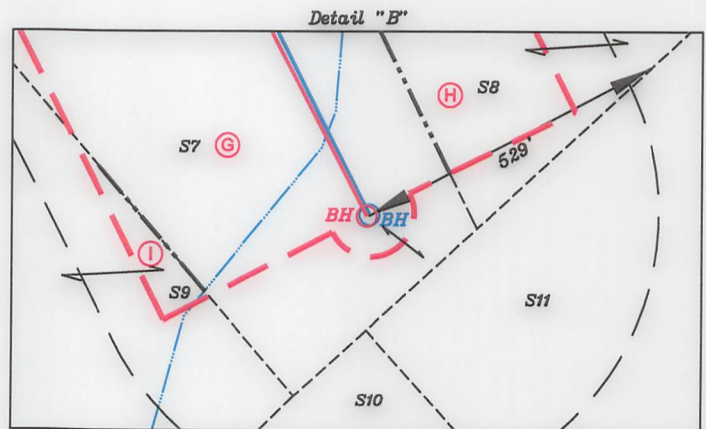
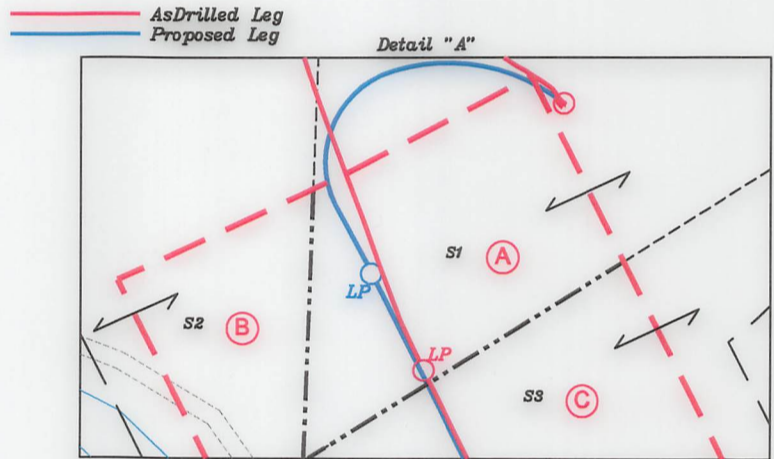
Jay Bee
Oil & Gas
DRILLING
into the future

API #: 47-073-02604
WELL #: P6S3U
DISTRICT: UNION
COUNTY: PLEASANTS
STATE: WV

WELL PLAT
PAGE 2 OF 3
DATE: 02/08/2023

**WELL - P6S3U
UNIT BOUNDARY
AREA -
149.3396 ACRES ±**

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| F | 04-04-01 | P4050 | Jay-Bee Royalty, LLC purchased a portion of the interest of John P. & Brenda J. Riggs |
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| H | 04-04-07 | P4100 | Christopher Hall |
| H | 04-04-07 | P4100 | Curtis Hall |
| I | 04-04-13 | P4103 | Hobart A. & Twila J. Isekeit |



P.S.
708

David L Jackson

05/05/2023



Jay Bee
Oil & Gas

DRILLING
into the future

API #: 47-073-02604
WELL #: P6S3U
DISTRICT: UNION
COUNTY: PLEASANTS
STATE: WV

WELL PLAT

PAGE 3 OF 3

DATE: 02/08/2023