

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

RECEIVED
Office of Oil and Gas

MAR 04 2019

WV Department of
Environmental Protection

API 47-095-02147 County Tyler District McElroy
Quad Shirley Pad Name Happy Field/Pool Name _____
Farm name Bloom, Arthur & Lois Well Number Happy 2
Operator (as registered with the OOG) Jay-Bee Oil & Gas, Inc.
Address 3570 Shields Hill Rd. City Cairo State WV Zip 26337

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,368,944.6 Easting 521,435.8
Landing Point of Curve Northing 4,368,546.0 Easting 521,446.1
Bottom Hole Northing 4,366,894.3 Easting 521,957.4

Elevation (ft) 1253.5' 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)
ABS 40

Date permit issued 10/08/2104 Date drilling commenced 1/12/2015 Date drilling ceased 3-19-2015
Date completion activities began 2-20-2016 Date completion activities ceased 2-25-2016
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 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

Reviewed by:
JCB
11/12/2021

API 47-095 - 02147 Farm name Bloom, Arthur & Lois Well number Happy 2

| 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 | 17" | 16" | 30' | New | 20/32/24 | | Y |
| Surface | 15" | 11 3/4" | 496' | New | 20/23/24 | 50' | Y |
| Coal | | | | | | | |
| Intermediate 1 | 11" | 8 5/8" | 2,460' | New | 20/17/24 | 1500' | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 7 7/8" | 5 1/2" | 13,516' | New | 20 | | Y |
| 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 | | | | | | | |
| Surface | Class A | 260 | 15.2 | 1.26 | 235 | CTS | 8 |
| Coal | | | | | | | |
| Intermediate 1 | Class A | 510 | 14.7 | 1.36 | 623 | CTS | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | Class A | 1,875 | 14.4 | 1.30 | 2,341 | CTS | 8 |
| Tubing | | | | | | | |

Drillers TD (ft) 13,531' Loggers TD (ft) 13,531'
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6,100'

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 Spiral centralizer every joint from TD back to start of
 90 degree.
 90 - 70 degree every second joint.
 70 degree - KOP every third joint.
 KOP - Surface centralizer placed every 500'.

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 47-095 - 02147

Farm name Bloom, Arthur & Lois

Well number Happy 2

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|--------------|
| 1 | 2-20-2016 | 13502 | 13370 | 96 | Marcellus |
| 2 | 2-20-2016 | 13334 | 13198 | 72 | Marcellus |
| 3 | 2-20-2016 | 13140 | 12935 | 72 | Marcellus |
| 4 | 2-20-2016 | 12887 | 12683 | 72 | Marcellus |
| 5 | 2-21-2016 | 12604 | 12469 | 72 | Marcellus |
| 6 | 2-21-2016 | 12430 | 12276 | 72 | Marcellus |
| 7 | 2-21-2016 | 12225 | 12079 | 72 | Marcellus |
| 8 | 2-21-2016 | 12038 | 11911 | 72 | Marcellus |
| 9 | 2-22-2016 | 11844 | 11693 | 72 | Marcellus |
| 10 | 2-22-2016 | 11640 | 11493 | 72 | Marcellus |
| 11 | 2-22-2016 | 11445 | 11238 | 72 | Marcellus |
| 12 | 2-22-2016 | 11190 | 11028 | 72 | Marcellus |
| 13 | 2-22-2016 | 10982 | 10837 | 72 | Marcellus |
| 14 | 2-22-2016 | 10774 | 10661 | 72 | Marcellus |
| 15 | 2-23-2016 | 10625 | 10522 | 72 | Marcellus |
| 16 | 2-23-2016 | 10484 | 10307 | 72 | Marcellus |

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 | 2-20-16 | 78.5 | 6554 | 5952 | 3768 | 179950 | 6554 | N/A |
| 2 | 2-20-16 | 77.5 | 7679 | 5649 | 4521 | 179700 | 6025 | N/A |
| 3 | 2-20-16 | 77.1 | 7596 | 6461 | 4905 | 179300 | 6023 | N/A |
| 4 | 2-20-16 | 78.1 | 7407 | 5402 | 4875 | 179610 | 7333 | N/A |
| 5 | 2-21-16 | 78 | 7234 | 5865 | 5075 | 179700 | 6371 | N/A |
| 6 | 2-21-16 | 77.8 | 7133 | 5684 | 5138 | 179950 | 6159 | N/A |
| 7 | 2-21-16 | 77.7 | 7114 | 5458 | 5076 | 180500 | 6030 | N/A |
| 8 | 2-21-16 | 77.2 | 7002 | 5240 | 4905 | 181000 | 6142 | N/A |
| 9 | 2-22-16 | 77.4 | 7123 | 6018 | 4872 | 180800 | 6037 | N/A |
| 10 | 2-22-16 | 77.2 | 7259 | 5735 | 5005 | 181550 | 6048 | N/A |
| 11 | 2-22-16 | 77.3 | 7364 | 5584 | 4965 | 180400 | 5829 | N/A |
| 12 | 2-22-16 | 75.7 | 7220 | 5909 | 5176 | 179750 | 5749 | N/A |
| 13 | 2-22-16 | 78.5 | 7251 | 5724 | 4710 | 179750 | 5578 | N/A |
| 14 | 2-22-16 | 77.4 | 7304 | 5565 | 5104 | 181700 | 5793 | N/A |
| 15 | 2-23-16 | 74.8 | 6797 | 5378 | 5007 | 181100 | 5767 | N/A |
| 16 | 2-23-16 | 77.8 | 6905 | 5465 | 5072 | 181800 | 5712 | N/A |

Please insert additional pages as applicable.

API 47- 095 - 02147

Farm name Bloom, Arthur & Lois

Well number Happy 2

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|--------------|
| 17 | 2-23-2016 | 10253 | 10089 | 72 | Marcellus |
| 18 | 2-23-2016 | 10048 | 9881 | 72 | Marcellus |
| 19 | 2-23-2016 | 9808 | 9649 | 72 | Marcellus |
| 20 | 2-23-2016 | 9606 | 9453 | 72 | Marcellus |
| 21 | 2-23-2016 | 9410 | 9281 | 72 | Marcellus |
| 22 | 2-24-2016 | 9238 | 9073 | 72 | Marcellus |
| 23 | 2-24-2016 | 9022 | 8843 | 72 | Marcellus |
| 24 | 2-24-2016 | 8799 | 8602 | 72 | Marcellus |
| 25 | 2-24-2016 | 8568 | 8453 | 72 | Marcellus |
| 26 | 2-24-2016 | 8415 | 8239 | 72 | Marcellus |
| 27 | 2-24-2016 | 8205 | 8020 | 72 | Marcellus |
| 28 | 2-25-2016 | 7970 | 7818 | 72 | Marcellus |
| 29 | 2-25-2016 | 7772 | 7590 | 72 | Marcellus |
| | | | | | Marcellus |
| | | | | | Marcellus |
| | | | | | Marcellus |

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 | 2-23-16 | 78.2 | 7142 | 6079 | 4896 | 177000 | 5662 | N/A |
| 18 | 2-23-16 | 78.4 | 7477 | 5995 | 4344 | 179750 | 5566 | N/A |
| 19 | 2-23-16 | 78.8 | 7212 | 5992 | 4203 | 177750 | 5707 | N/A |
| 20 | 2-23-16 | 78.6 | 6947 | 6293 | 4330 | 180900 | 5583 | N/A |
| 21 | 2-23-16 | 78.5 | 7159 | 5360 | 6277 | 181300 | 5527 | N/A |
| 22 | 2-24-16 | 77.5 | 6721 | 5454 | 5210 | 180800 | 5550 | N/A |
| 23 | 2-24-16 | 77 | 6865 | 5284 | 4544 | 179850 | 5744 | N/A |
| 24 | 2-24-16 | 77.3 | 6638 | 5516 | 4881 | 179050 | 5507 | N/A |
| 25 | 2-24-16 | 78.3 | 6991 | 5579 | 5060 | 179000 | 5544 | N/A |
| 26 | 2-24-16 | 77.7 | 6597 | 5321 | 4692 | 180750 | 5679 | N/A |
| 27 | 2-24-16 | 78.8 | 6513 | 5896 | 4458 | 179500 | 5547 | N/A |
| 28 | 2-25-16 | 78 | 6640 | 5821 | 5013 | 179500 | 5783 | N/A |
| 29 | 2-25-16 | 77.8 | 6713 | 6468 | 4764 | 183280 | 4729 | N/A |
| | | | | | | | | N/A |
| | | | | | | | | N/A |
| | | | | | | | | N/A |

Please insert additional pages as applicable.

API 47- 095 - 02147 Farm name Bloom, Arthur & Lois Well number Happy 2

| <u>PRODUCING FORMATION(S)</u> | <u>DEPTHS</u> | |
|-------------------------------|-------------------|-------------------|
| Marcellus | <u>7,075'</u> TVD | <u>13,531'</u> MD |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2200 psi Bottom Hole N/A psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 7500 mcfpd Oil 70 bpd NGL _____ bpd Water 350 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 | | |
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Please insert additional pages as applicable.

Drilling Contractor Horizontal Well Drillers
Address 2915 SH 74 South City Purcell State OK Zip 73080

Logging Company Precise Well Analysis
Address PO Box 542 City Belpre State OH Zip 45714

Cementing Company Nabors Completion & Production
Address 1650 Hackers Creek Rd. City Jane Lew State WV Zip 26378

Stimulating Company Calfrac Well Services
Address 717 17th St. Suite 1445 City Denver State CO Zip 80202

Please insert additional pages as applicable.

Completed by Tyler DuFour Telephone 304-628-3111
Signature Tyler Title Office Manager Date 3-1-19

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

11/12/2021

Lithology

Happy 2 47-095-02147

| FORMATION | TOP | BOTTOM |
|-------------------------|------------|---------------|
| MISC. RED ROCK & SHALES | 0 | 2349 |
| LIME | 2349 | 2449 |
| INJUN | 2449 | 2566 |
| SHALE | 2566 | 2913 |
| GORDON STRAY | 2913 | 2933 |
| SHALE | 2933 | 3129 |
| GORDON | 3129 | 3159 |
| SHALE | 3159 | 3438 |
| BAYARD | 3438 | 3447 |
| SHALE | 3447 | 3776 |
| WARREN | 3776 | 3874 |
| SHALE | 3874 | 4110 |
| BALLTOWN | 4110 | 4273 |
| SHALE | 4273 | 4711 |
| 2ND RILEY | 4711 | 4819 |
| SHALE | 4819 | 4970 |
| 3RD RILEY | 4970 | 5011 |
| SHALE | 5011 | 5068 |
| BENSON | 5068 | 5071 |
| SHALE | 5071 | 5313 |
| ALEXANDER | 5313 | 5484 |
| SHALE | 5484 | 5729 |
| ELK | 5729 | 5777 |
| SHALE | 5777 | 6141 |
| HAMILTON | 6141 | 6315 |
| SHALE | 6315 | 6971 |
| UPPER Marcellus | 6971 | 6977 |
| PARCELL LIME | 6977 | 7012 |
| SHALE | 7012 | 7038 |
| LOWER MARCELLUS | 7038 | |

11/12/2021

Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|-------------------------|
| Job Start Date: | 2/20/2016 |
| Job End Date: | 2/25/2016 |
| State: | West Virginia |
| County: | Tyler |
| API Number: | 47-095-02147-00-00 |
| Operator Name: | Jay-Bee Oil & Gas, Inc. |
| Well Name and Number: | Happy 2 |
| Latitude: | 39.46981900 |
| Longitude: | -80.75079300 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 7,060 |
| Total Base Water Volume (gal): | 7,257,776 |
| 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 | Customer & CWS | Base Fluid & Mix Water | Water | 7732-18-5 | 100.00000 | 91.78192 | |
| Sand (Proppant), DAP-901, DAP-925, DWP-111, DWP-621, DWP-901, DWP-938, DWP-844, Hydrochloric Acid | CWS | Propping Agent, Scale Inhibitor, Acid Corrosion Inhibitor, Gel Slurry, Friction Reducer, Breaker, Surfactant, Microbiocide, Clean Perforations | Crystalline silica (Quartz) Hydrochloric acid Paraffinic hydrocarbon solvent 2-Propenoic acid, polymer with propenamide, sodium salt Distillates (petroleum), hydrotreated middle Guar gum Polyethylene glycol mixture Iliite | 14808-60-7 7647-01-0 64742-47-8 225987-30-8 64742-46-7 9000-30-0 25322-68-3 12173-60-3 | 100.00000 37.00000 45.00000 40.00000 60.00000 60.00000 54.50000 1.00000 | 7.85526 0.15530 0.04020 0.03573 0.01981 0.01981 0.01498 0.00947 | |



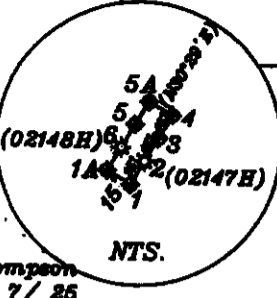
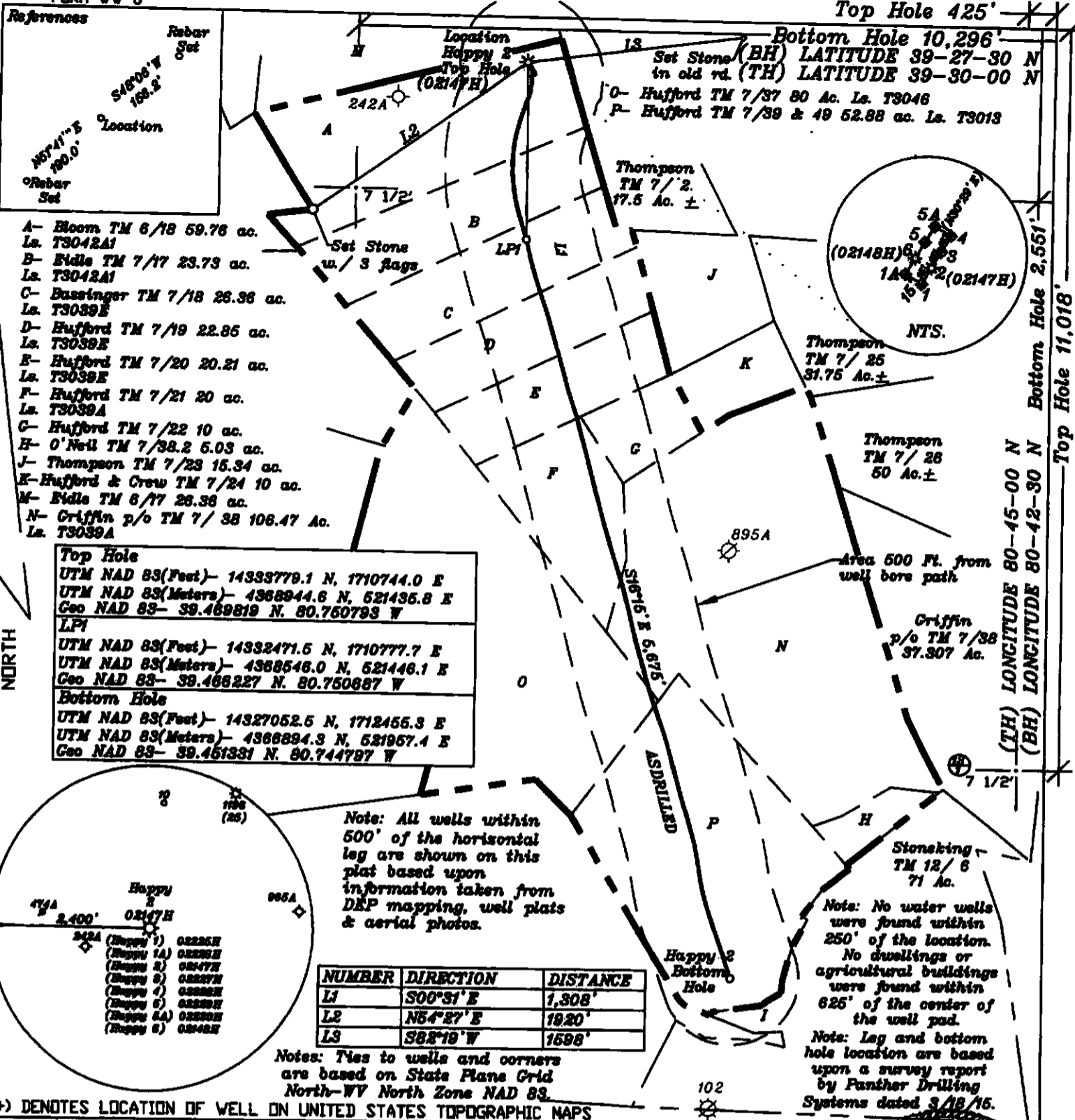
| | | | | | | | | |
|--|--|--|--|---|------------|-----------|---------|--|
| | | | | Calcite | 471-34-1 | 1.00000 | 0.00922 | |
| | | | | Methanol | 67-56-1 | 60.00000 | 0.00694 | |
| | | | | 2,2-Dibromo-3-Nitropropionamide | 10222-01-2 | 20.00000 | 0.00550 | |
| | | | | Phosphonic acid, P,P',P'',P''',[(phosphonomethyl)imino]bis[2,1-ethanediylnitro]bis(methylene)]tetraakis-ammonium salt | 70714-66-8 | 30.00000 | 0.00488 | |
| | | | | Goethite | 1310-14-1 | 0.10000 | 0.00483 | |
| | | | | Sorbitan monooleate | 1338-43-8 | 5.00000 | 0.00447 | |
| | | | | Sorbitan monooleate, ethoxylated | 9005-65-6 | 5.00000 | 0.00447 | |
| | | | | Biotite | 1302-27-8 | 0.10000 | 0.00395 | |
| | | | | Apatite | 64476-38-6 | 0.10000 | 0.00395 | |
| | | | | limenite | 98072-94-7 | 0.10000 | 0.00351 | |
| | | | | Isotridecyl alcohol, ethoxylated | 78330-21-9 | 3.00000 | 0.00268 | |
| | | | | Ammonium Persulfate | 7727-54-0 | 100.00000 | 0.00221 | |
| | | | | Sodium acetate | 126-96-5 | 2.00000 | 0.00179 | |
| | | | | Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite | 68953-58-2 | 5.00000 | 0.00165 | |
| | | | | Phosphonic acid, P,P',P'',P''',[(phosphonomethyl)imino]bis[2,1-ethanediylnitro]bis(methylene)]tetraakis- | 15827-60-8 | 10.00000 | 0.00163 | |
| | | | | Sodium bromide | 7647-15-6 | 4.00000 | 0.00110 | |
| | | | | Ammonium chloride | 12125-02-9 | 10.00000 | 0.00098 | |
| | | | | Dibromocetonitrile | 3252-43-5 | 3.00000 | 0.00082 | |
| | | | | Ethanol, 2-amino-, 1-acetate (1:1) | 54300-24-2 | 5.00000 | 0.00081 | |
| | | | | Aziridine, homopolymer, ethoxylated | 68130-99-4 | 5.00000 | 0.00081 | |
| | | | | Oxirane, 2-methyl-, polymer with oxirane, monodecyl ether | 37251-67-5 | 1.50000 | 0.00050 | |
| | | | | Alcohols, C9-11, ethoxylated | 68439-46-3 | 5.00000 | 0.00033 | |
| | | | | Acetic acid | 64-19-7 | 1.00000 | 0.00016 | |
| | | | | Acrylamide | 79-06-1 | 0.10000 | 0.00009 | |
| | | | | Alcohols, C12-13, ethoxylated | 66455-14-9 | 1.00000 | 0.00007 | |
| | | | | Fatty acids, tall-oil | 61790-12-3 | 30.00000 | 0.00005 | |
| | | | | Modified thiourea polymer | 68527-49-1 | 30.00000 | 0.00005 | |
| | | | | Alcohols, C14-15, ethoxylated | 68951-67-7 | 30.00000 | 0.00005 | |
| | | | | Formaldehyde | 50-00-0 | 0.10000 | 0.00003 | |
| | | | | Propargyl Alcohol | 107-19-7 | 10.00000 | 0.00002 | |
| | | | | Alkenes, C>10 a- | 64743-02-8 | 5.00000 | 0.00001 | |
| | | | | Sodium chloride | 7647-14-5 | 1.00000 | | |

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.

11/12/2021

- * Total Water Volume sources may include fresh water, produced water, and/or recycled water
- ** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)



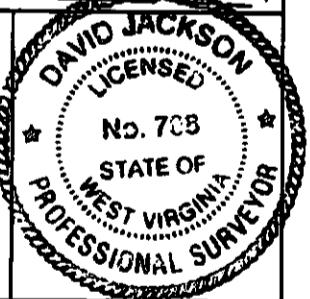
NORTH

Top Hole 11,018'
 Bottom Hole 2,551'
 (TH) LONGITUDE 80-45-00 N
 (BH) LONGITUDE 80-42-30 N

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 1000'
 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

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



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

DATE September 22, 2015
 OPERATOR'S WELL NO. Happy 2
 API WELL NO. ASDRILLED

WELL TYPE: OIL X GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095
 (IF 'GAS') PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT

LOCATION: ELEVATION 1257' WATER SHED Walnut Fork & Woodburn Run
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE TH Shirley 7 1/2', BH Center Point 7 1/2'

SURFACE OWNER Arthur & Lois Bloom ACREAGE 59.76 ac.
 OIL & GAS ROYALTY OWNER John Lambert Ice LEASE ACREAGE 412.26 ac

11/12/2021

LEASE NO. & ACREAGE: "See ownership list above for lease numbers"

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

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION Marcellus ESTIMATED DEPTH TVD= 7,075 - TMD= 13,531'±

WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
 ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS 3670 Shields Hill Rd., Castro, WV 26337