

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

API 47 - 017 - 06768 County Doddridge District South West
Quad Oxford Pad Name OXF155 Field/Pool Name N/A
Farm name Haessly Land & Timber LLC Well Number 516483
Operator (as registered with the OOG) EQT Production Company
Address 625 Liberty Ave. EQT Plaza, Suite 1700 City Pittsburgh State PA Zip 15222

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,340,510.27 Easting 516,425.35
Landing Point of Curve Northing 4,340,496.04 Easting 516,970.48
Bottom Hole Northing 4,341,071.59 Easting 516,661.50

Elevation (ft) 1199' 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

Mud Type(s) and Additive(s)
Water base Mud 11.5 ppg, barium sulfate, sodium chloride, xanthan gum, polyacrylic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamido/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 04/29/2016 Date drilling commenced 04/1/2017 Date drilling ceased 7/2/2017
Date completion activities began 03/20/2018 Date completion activities ceased 03/25/2018
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 59,183,204,262,419 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1397 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 132,252,292,532 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

07/20/2018

API 47-017 - 06768 Farm name Haessly Land & Timber LLC Well number 516483

| 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" | 40' | NEW | A-500 | N/A | Y |
| Surface | 17 1/2" | 13 3/8" | 568' | NEW | J-55 | 329' | N |
| Coal | | | | | | | |
| Intermediate 1 | 12 3/8" | 9 5/8" | 3467' | NEW | A-500 | N/A | Y |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8-3/4" & 8-1/2" | 5 1/2" | 9,952" | NEW | P-110 | N/A | N |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details Cement basket at 329'

| 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 | 48.9 | 15.6 | 1.18 | 57.7 | 0 | 8 |
| Surface | CLASS A | 827 / Grout 190 | 15.6 | 1.20 / 1.18 | 1217 | 0 | 8 |
| Coal | | | | | | | |
| Intermediate 1 | CLASS A / CLASS A | 157 / 955 | 15.6 / 15.6 | 1.18 / 1.2 | 1328.9 | 0 | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | CLASS H / CLASS H | 389 / 311 | 15.2 / 15.6 | 1.25 / 2.06 | 1126.9 | 5100' | 72 |
| Tubing | | | | | | | |

Drillers TD (ft) 9,969' Loggers TD (ft) N/A
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 3582

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 _____

CONDUCTOR: NONE

SURFACE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE

INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE

PRODUCTION: 105 Summit centralizers placed every joint from bottom to 5430'

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- 017 - 06768 Farm name Haessly Land & Timber LLC Well number 516483

Drilling Contractor Savanna Drilling (Rig 655)
Address 125 Industry Road City Waynesburg State PA Zip 15370

Logging Company Baker Hughes
Address 4000 Town Center Blvd City Canonsburg State PA Zip 15317

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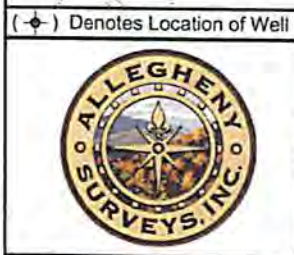
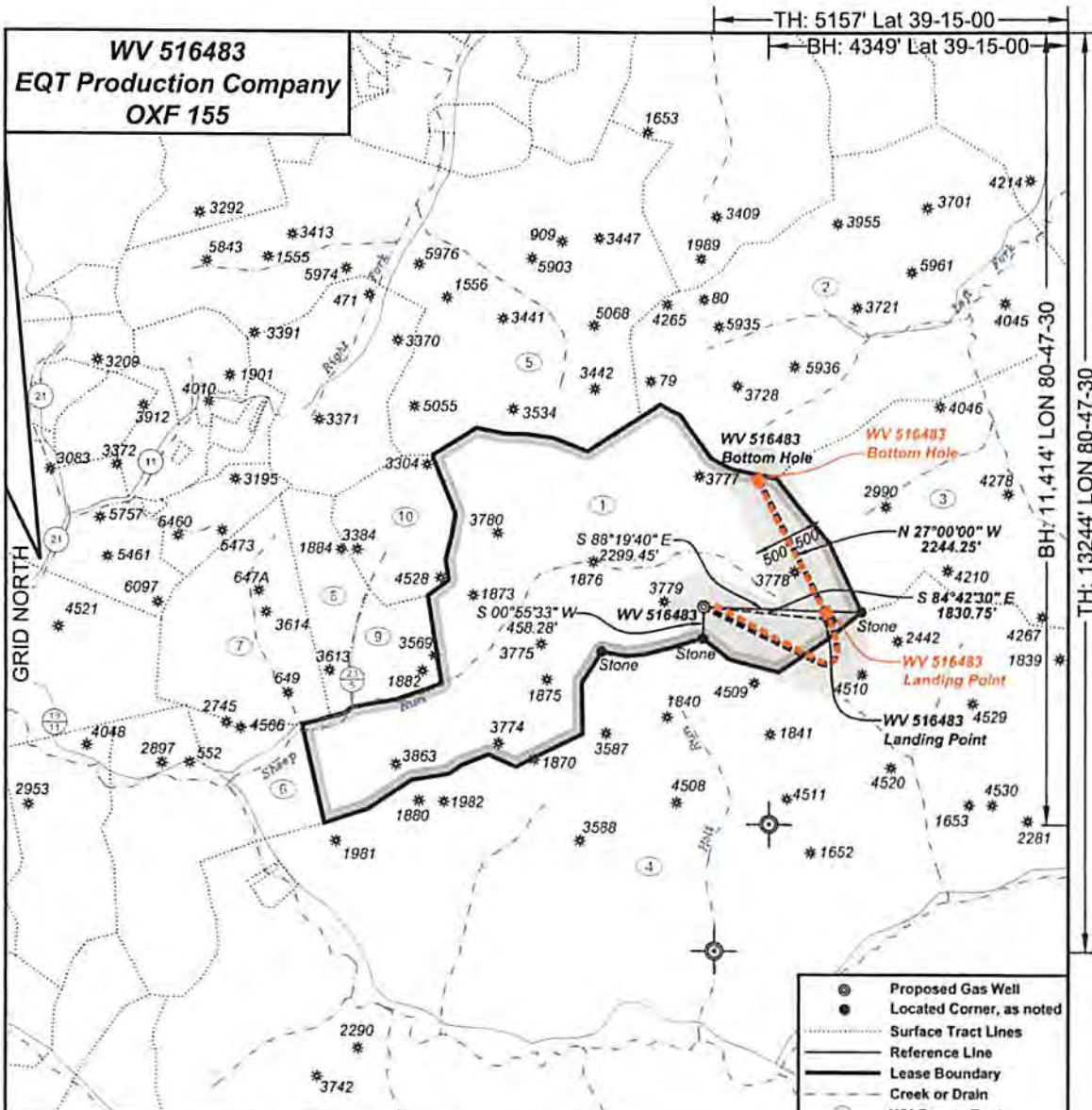
07/20/2018

Well # 516483 Final Formations API # 47-017-06768

| Formation Name | Drilling Top MD | Drilling Top (TVD) | Drilling Bottom MD | Drilling Btm (TVD) |
|-------------------|-----------------|--------------------|--------------------|--------------------|
| SAND / SHALE | 1 | 1 | 135 | 135 |
| WASHINGTON COAL | 135 | 135 | 137 | 137 |
| SAND / SHALE | 137 | 137 | 255 | 255 |
| WAYNESBURG-A COAL | 255 | 255 | 257 | 257 |
| SAND / SHALE | 257 | 257 | 295 | 295 |
| UNIONTOWN COAL | 295 | 295 | 297 | 297 |
| SAND / SHALE | 297 | 297 | 535 | 535 |
| SWEICKLEY COAL | 535 | 535 | 538 | 538 |
| SAND / SHALE | 538 | 538 | 1,573.00 | 1,573.00 |
| MAXTON | 1,573.00 | 1,573.00 | 1,662.00 | 1,661.90 |
| SAND / SHALE | 1,662.00 | 1,661.90 | 1,918.00 | 1,917.90 |
| BIG LIME | 1,918.00 | 1,917.90 | 2,051.00 | 2,050.90 |
| SAND / SHALE | 2,051.00 | 2,050.90 | 2,208.00 | 2,207.90 |
| WEIR | 2,208.00 | 2,207.90 | 2,323.00 | 2,322.90 |
| SAND / SHALE | 2,323.00 | 2,322.90 | 2,419.00 | 2,418.90 |
| GANTZ | 2,419.00 | 2,418.90 | 2,503.00 | 2,502.90 |
| FIFTY FOOT | 2,503.00 | 2,502.90 | 2,566.00 | 2,565.90 |
| SAND / SHALE | 2,566.00 | 2,565.90 | 2,611.00 | 2,610.90 |
| THIRTY FOOT | 2,611.00 | 2,610.90 | 2,651.00 | 2,650.90 |
| GORDON | 2,651.00 | 2,650.90 | 2,695.00 | 2,694.90 |
| SAND / SHALE | 2,695.00 | 2,694.90 | 2,757.00 | 2,756.90 |
| FOURTH SAND | 2,757.00 | 2,756.90 | 2,792.00 | 2,791.90 |
| SAND / SHALE | 2,792.00 | 2,791.90 | 2,933.00 | 2,932.80 |
| BAYARD | 2,933.00 | 2,932.80 | 3,158.00 | 3,156.10 |
| SAND / SHALE | 3,158.00 | 3,156.10 | 3,256.00 | 3,253.00 |
| WARREN | 3,256.00 | 3,253.00 | 3,311.00 | 3,307.30 |
| SPEECHLEY | 3,327.00 | 3,323.10 | 3,419.00 | 3,413.60 |
| SAND / SHALE | 3,419.00 | 3,413.60 | 3,845.00 | 3,824.00 |
| BALLTOWN A | 3,845.00 | 3,824.00 | 4,003.00 | 3,959.70 |
| SAND / SHALE | 4,003.00 | 3,959.70 | 4,459.00 | 4,293.60 |
| RILEY | 4,459.00 | 4,293.60 | 4,515.00 | 4,334.90 |
| SAND / SHALE | 4,515.00 | 4,334.90 | 4,892.00 | 4,624.70 |
| BENSON | 4,892.00 | 4,624.70 | 5,007.00 | 4,712.70 |
| SAND / SHALE | 5,007.00 | 4,712.70 | 5,149.00 | 4,819.00 |
| ALEXANDER | 5,149.00 | 4,819.00 | 5,238.00 | 4,886.60 |
| ELK | 5,238.00 | 4,886.60 | 6,997.00 | 6,269.20 |
| SONYEA | 6,997.00 | 6,269.20 | 7,156.00 | 6,397.70 |
| MIDDLESEX | 7,156.00 | 6,397.70 | 7,228.00 | 6,449.10 |
| GENESEE | 7,228.00 | 6,449.10 | 7,345.00 | 6,517.60 |
| GENESEO | 7,345.00 | 6,517.60 | 7,441.00 | 6,560.10 |
| TULLY | 7,441.00 | 6,560.10 | 7,500.00 | 6,581.50 |
| HAMILTON | 7,500.00 | 6,581.50 | 7,534.00 | 6,593.60 |
| MARCELLUS | 7,534.00 | 6,593.60 | 9,969.00 | 6,716.20 |

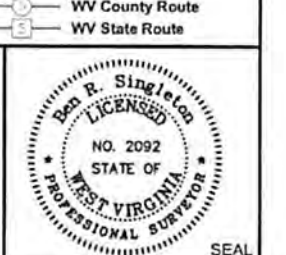
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I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

[Signature]
P.S. 2092



FILE NO: 239-13
DRAWING NO: OXF155 H7
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 21 20 17
OPERATOR'S WELL NO. 516483
API WELL NO
47 - 017 - 06768
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Original 1212.5 Proposed 1199 WATERSHED: Sheep Run of South Fork of Hughes River QUADRANGLE: Oxford

DISTRICT: South West COUNTY: Doddridge

SURFACE OWNER: Haessly Land & Timber, LLC ACREAGE: 615
ROYALTY OWNER: Eli Nutter Heirs LEASE NO: 106125 ACREAGE: 615

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: 6,611

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330 Bridgeport, WV 26330

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WV 516483
EQT Production Company
OXF 155

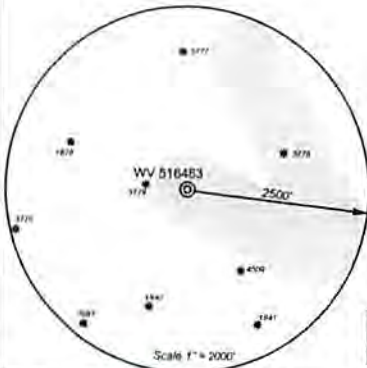
Oxford 155
H7, 516483 Ⓞ
H6, 513069 Ⓞ
H5, 513068 Ⓞ
H4, 513067 Ⓞ
H3, 513066 Ⓞ
H2, 513065 Ⓞ
H1, 513064 Ⓞ

| Tract I.D. | Tax Map No. | Parcel No. | County | District | Surface Tract Owner | Acres |
|------------|-------------|------------|-----------|------------|----------------------------------|---------|
| 1 | 5 | 4 | Doddridge | South West | Haessly Land & Timber, LLC | 615.00 |
| 2 | 23 | 3.1 | Doddridge | West Union | William Randolph Hambley, et al. | 442.90 |
| 3 | 23 | 3 | Doddridge | West Union | Lucy E. Harper | 842.60 |
| 4 | 10 | 2 | Doddridge | South West | I. L. (Ike) Morris | 6600.75 |
| 5 | 22 | 14 | Doddridge | West Union | Haessly Land & Timber, LLC | 485.00 |
| 6 | 5 | 6 | Doddridge | South West | William Bonnell | 70.00 |
| 7 | 5 | 4 | Doddridge | South West | Haessly Land & Timber, LLC | 615.00 |
| 8 | 5 | 1 | Doddridge | South West | Matthew J. & Dana H. Akala | 44.89 |
| 9 | 5 | 3 | Doddridge | South West | Haessly Land & Timber, LLC | 42.22 |
| 10 | 5 | 2 | Doddridge | South West | Matthew J. & Dana H. Akala | 70.40 |

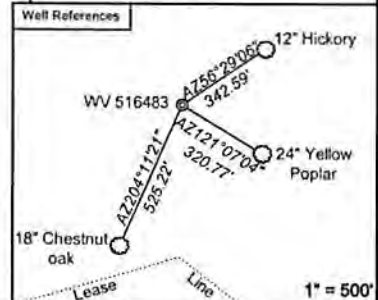
- Ⓞ Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route

As-Drilled Well Information:
WV 516483 coordinates:
 NAD 27 N: 262,624.13 E: 1,629,852.26
 NAD 83 UTM N: 4,340,510.27 E: 516,425.35
WV 516483 Landing Point coordinates:
 NAD 27 N: 262,547.56 E: 1,630,640.35
 NAD 83 UTM N: 4,340,496.04 E: 516,970.48
WV 516483 Bottom Hole coordinates:
 NAD 27 N: 264,453.21 E: 1,629,657.93
 NAD 83 UTM N: 4,341,071.59 E: 516,561.50

West Virginia Coordinate 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.



| Sub Surface Tract # | Acres | Owner |
|---------------------|---------|-------------------|
| 4 | 6600.75 | I.L. (Ike) Morris |



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.

P.S. 2092



SEAL

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 DRAWING NO: OXF155 H7
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OIL AND GAS DIVISION

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 API WELL NO. 47 - 017 - 06768
 STATE COUNTY PERMIT

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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 6.611

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 ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
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Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|--------------------|
| Job Start Date: | 3/20/2018 |
| Job End Date: | 3/25/2018 |
| State: | West Virginia |
| County: | Doddridge |
| API Number: | 47-017-06768-00-00 |
| Operator Name: | EQT Production |
| Well Name and Number: | 516483 |
| Latitude: | 39.21362900 |
| Longitude: | -80.80991200 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 6,594 |
| Total Base Water Volume (gal): | 4,291,770 |
| 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 | FTS International | Carrier/Base Fluid | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 86.80202 | None |
| MC MX 5-3886 | Multi-Chem | Specialty Brine | | | | | |
| | | | | Listed Below | | | |

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| | | | | | | | |
|-------------------------|-------------------|--|--|--------------|--|--|--|
| CS-1000 SI | FTS International | Scale Inhibitor | | | | | |
| | | | | Listed Below | | | |
| FRW-1450 | FTS International | Processing Aid For Industrial Applications | | | | | |
| | | | | Listed Below | | | |
| APB-1 | FTS International | Gel Breaker | | | | | |
| | | | | Listed Below | | | |
| Sand (Proppant) | FTS International | Proppant | | | | | |
| | | | | Listed Below | | | |
| Other Chemical (s) | Listed Above | See Trade Name (s) List | | | | | |
| | | | | Listed Below | | | |
| MC MX 5-4543 | Multi-Chem | Biotechnology | | | | | |
| | | | | Listed Below | | | |
| CI-150 | FTS International | Acid Corrosion Inhibitor | | | | | |
| | | | | Listed Below | | | |
| HVG-1 | FTS International | Water Gelling Agent | | | | | |
| | | | | Listed Below | | | |
| Hydrochloric Acid (15%) | FTS International | Acid | | | | | |

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| | | | | Listed Below | | | |
|---|--|--|--|--------------|-----------|----------|------|
| Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients | | | | | | | |
| | | | Silica Substrate | 14808-60-7 | 100.00000 | 12.87910 | None |
| | | | Calcium Nitrate.4H2O | 13477-34-4 | 100.00000 | 0.03796 | None |
| | | | Distillates (Petroleum), Hydrotreated Light | 64742-47-8 | 30.00000 | 0.02596 | None |
| | | | Distillates (Petroleum), Hydrotreated Light | 64742-47-8 | 30.00000 | 0.02596 | |
| | | | Hydrochloric Acid | 7647-01-0 | 15.00000 | 0.02506 | None |
| | | | Phosphonic Acid {Nitrilotris (Methylene)} Tris | 6419-19-8 | 35.00000 | 0.00833 | None |
| | | | Phosphonic Acid {Nitrilotris (Methylene)} Tris | 6419-19-8 | 35.00000 | 0.00833 | |
| | | | Alcohols, C11-14-iso-, C13-Rich, Ethoxylated | 78330-21-9 | 5.00000 | 0.00433 | |
| | | | Alcohols, C11-14-iso-, C13-Rich, Ethoxylated | 78330-21-9 | 5.00000 | 0.00433 | None |
| | | | Proprietary | Proprietary | 100.00000 | 0.00247 | None |
| | | | Phosphonic Acid {(Dimethylamino) Methylene} Bis- | 29712-30-9 | 5.00000 | 0.00119 | None |
| | | | Phosphonic Acid {(Dimethylamino) Methylene} Bis- | 29712-30-9 | 5.00000 | 0.00119 | |
| | | | Phosphorous Acid | 10294-56-1 | 2.00000 | 0.00048 | |
| | | | Phosphorous Acid | 10294-56-1 | 2.00000 | 0.00048 | None |
| | | | Petroleum Distillate | 64742-47-8 | 55.00000 | 0.00042 | |
| | | | Petroleum Distillate | 64742-47-8 | 55.00000 | 0.00042 | None |
| | | | Guar Gum | 9000-30-0 | 50.00000 | 0.00038 | |
| | | | Guar Gum | 9000-30-0 | 50.00000 | 0.00038 | None |
| | | | Ethylene Glycol | 107-21-1 | 30.00000 | 0.00008 | None |
| | | | Organic Amine Resin Salt | Proprietary | 30.00000 | 0.00008 | None |
| | | | Isopropanol | 67-63-0 | 30.00000 | 0.00008 | None |

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| | | | | | | | |
|--|--|--|------------------------------|-------------|----------|---------|------|
| | | | Ethylene Glycol | 107-21-1 | 30.00000 | 0.00008 | |
| | | | Dimethylformamide | 68-12-2 | 10.00000 | 0.00003 | None |
| | | | Aromatic Aldehyde | Proprietary | 10.00000 | 0.00003 | |
| | | | Quaternary Ammonium Compound | Proprietary | 10.00000 | 0.00003 | None |
| | | | Aromatic Aldehyde | Proprietary | 10.00000 | 0.00003 | None |
| | | | Ammonium Persulfate | 7727-54-0 | 95.00000 | 0.00002 | None |
| | | | Clay | 14808-60-7 | 2.00000 | 0.00002 | |
| | | | Clay | 14808-60-7 | 2.00000 | 0.00002 | None |
| | | | Surfactant | 68439-51-0 | 2.00000 | 0.00002 | None |
| | | | Surfactant | 68439-51-0 | 2.00000 | 0.00002 | |

* 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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Reviewed

Jul Ann
6/9/18

Well Operator's Report of Well Work



Where energy meets innovation.

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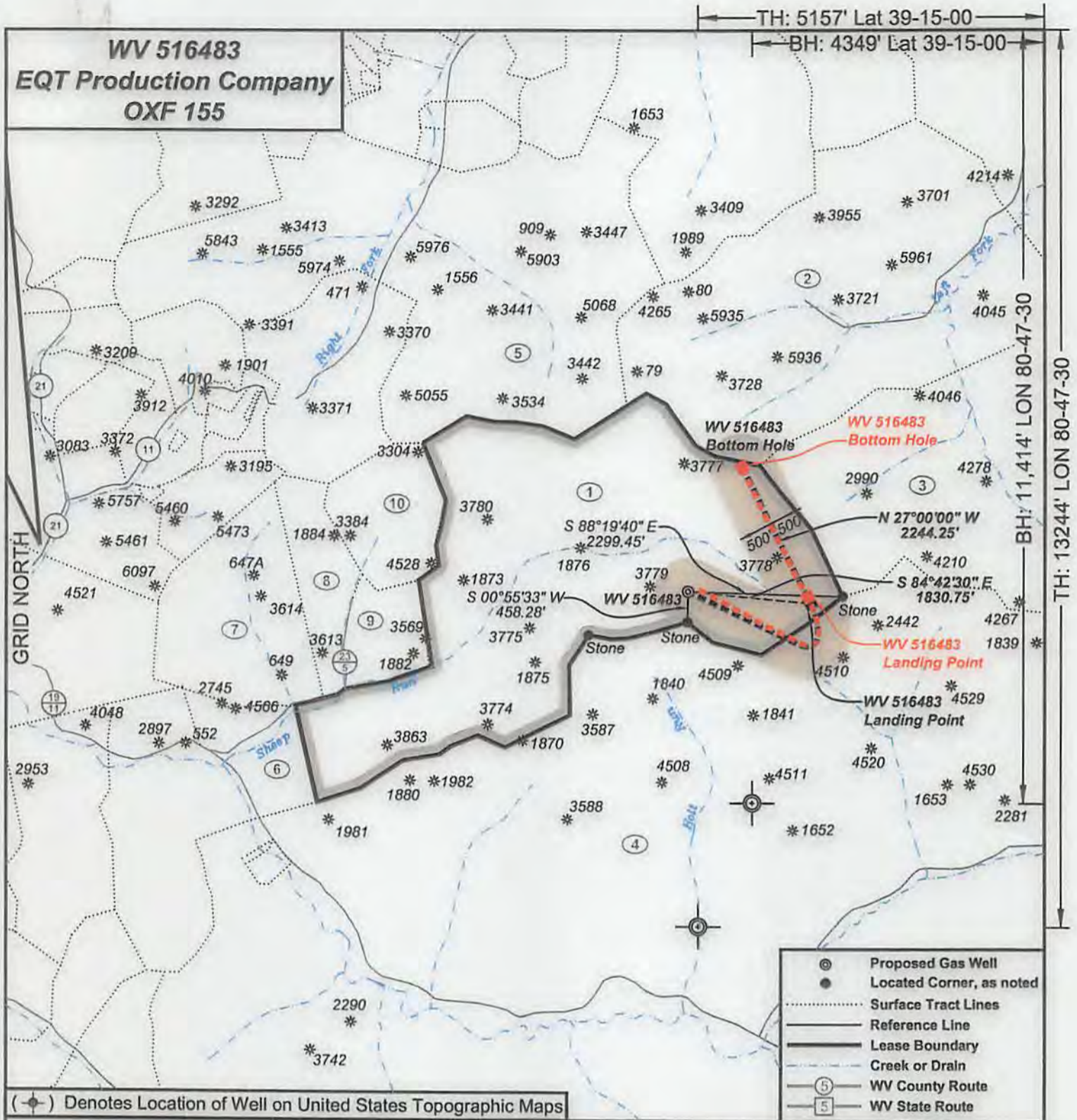
API: 47 - 017 - 06768

Submission: Initial Amended

Notes:

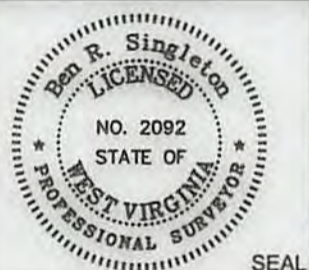
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Bridgeport, WV 26330 Bridgeport, WV 26330

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WV 516483
EQT Production Company
OXF 155

Oxford 155

H7, 516483 ©
H6, 513069 ©
H5, 513068 ©
H4, 513067 ©
H3, 513066 ©
H2, 513065 ©
H1, 513064 ©

| Tract I.D. | Tax Map No. | Parcel No. | County | District | Surface Tract Owner | Acres |
|------------|-------------|------------|-----------|------------|---------------------------------|---------|
| 1 | 5 | 4 | Doddridge | South West | Haessly Land & Timber, LLC | 615.00 |
| 2 | 23 | 3.1 | Doddridge | West Union | William Randall Hamblet, et al. | 442.60 |
| 3 | 23 | 3 | Doddridge | West Union | Lucy E. Harper | 442.60 |
| 4 | 10 | 2 | Doddridge | South West | I. L. (Ike) Morris | 6600.75 |
| 5 | 22 | 14 | Doddridge | West Union | Haessly Land & Timber, LLC | 485.00 |
| 6 | 5 | 6 | Doddridge | South West | William Bonnell | 70.00 |
| 7 | 5 | 4 | Doddridge | South West | Haessly Land & Timber, LLC | 615.00 |
| 8 | 5 | 1 | Doddridge | South West | Matthew J. & Dana H. Aksila | 44.89 |
| 9 | 5 | 3 | Doddridge | South West | Haessly Land & Timber, LLC | 42.22 |
| 10 | 5 | 2 | Doddridge | South West | Matthew J. & Dana H. Aksila | 70.40 |

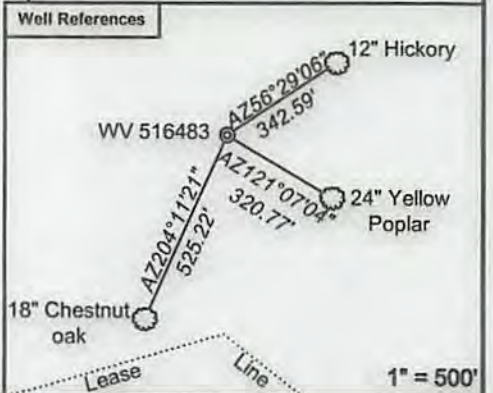
- ⊙ Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- Ⓢ WV County Route
- Ⓢ WV State Route

As-Drilled Well Information:
WV 516483 coordinates:
NAD 27 N: 262,624.13 E: 1,628,852.25
NAD 83 UTM N: 4,340,510.27 E: 516,425.35
WV 516483 Landing Point coordinates:
NAD 27 N: 262,547.56 E: 1,630,640.35
NAD 83 UTM N: 4,340,496.04 E: 516,970.48
WV 516483 Bottom Hole coordinates:
NAD 27 N: 264,453.21 E: 1,629,657.93
NAD 83 UTM N: 4,341,071.59 E: 516,661.50

West Virginia Coordinate 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.

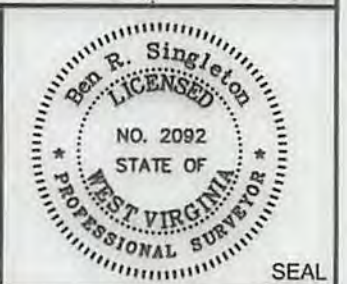


| Sub Surface Tract | Acres | Owner |
|-------------------|---------|-------------------|
| Tract 4 | 6600.75 | I.L. (Ike) Morris |



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.

Ben R. Singleton
P.S. 2092



FILE NO: 239-13
DRAWING NO: OXF155 H7
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 21 20 17
OPERATOR'S WELL NO. 516483
API WELL NO
47 - 017 - 06768
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Original 1212.5 Proposed 1199 WATERSHED Sheep Run of South Fork of Hughes River QUADRANGLE: Oxford
DISTRICT: South West COUNTY: Doddridge
SURFACE OWNER: Haessly Land & Timber, LLC ACREAGE: 615
ROYALTY OWNER: Eli Nutter Heirs LEASE NO: 106125 ACREAGE: 615
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: 6,611

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330 Bridgeport, WV 26330

07/20/2018