



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, September 6, 2022
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit Modification Approval for SCHOEN 1205 S-9H
47-033-06006-00-00

Lateral Revision/ Extension

HG ENERGY II APPALACHIA, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin
Chief

Operator's Well Number: SCHOEN 1205 S-9H
Farm Name: GEORGE & ROSEANNE SCHOEN
U.S. WELL NUMBER: 47-033-06006-00-00
Horizontal 6A New Drill
Date Modification Issued: 09/06/2022

Promoting a healthy environment.

09/09/2022

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Ch#
032063
\$5000.00
EXP

1) Well Operator: HG Energy II Appalachia, L.P. 494519932 Harrison Grant Mount Clare 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Schoen 1205 S-9H Well Pad Name: Schoen 1205

3) Farm Name/Surface Owner: George Schoen Public Road Access: McWhorter Road / SR25

4) Elevation, current ground: 1410' Elevation, proposed post-construction: 1407'

5) Well Type (a) Gas Oil _____ Underground Storage _____
Other _____
(b) If Gas Shallow Deep _____
Horizontal

SPW
8/23/2022

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus at 7214' / 7315' and 101' in thickness. Anticipated pressure at 4314#.

8) Proposed Total Vertical Depth: 7230'

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9) Formation at Total Vertical Depth: Marcellus

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10) Proposed Total Measured Depth: 25,163'

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11) Proposed Horizontal Leg Length: 17,125'

12) Approximate Fresh Water Strata Depths: 135', 480', 640', 728'

13) Method to Determine Fresh Water Depths: Nearest offset well data

14) Approximate Saltwater Depths: 1730, 1780, 2010

15) Approximate Coal Seam Depths: 501, 650', 730', 736' (Surface casing is being extended to cover the coal in the DTI Storage Field)

16) Approximate Depth to Possible Void (coal mine, karst, other): None

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

18) CASING AND TUBING PROGRAM

| TYPE | Size (in) | New or Used | Grade | Weight per ft. (lb/ft) | FOOTAGE: For Drilling (ft) | INTERVALS: Left in Well (ft) | CEMENT: Fill-up (Cu. Ft.)/CTS |
|------------------|-----------|-------------|-------|------------------------|----------------------------|------------------------------|-------------------------------|
| Conductor | 30" | New | LS | 157.5 | 120' | 120' | Drilled In |
| Fresh Water/Coal | 20" | NEW | J-55 | 94 | 1200' | 1200' ✓ | 40% excess, CTS |
| Intermediate 1 | 13 3/8" | NEW | J-55 | 68 | 2100' | 2100' ✓ | 40% excess, CTS |
| Intermediate 2 | 9 5/8" | NEW | J-55 | 40 | 2950' | 2950' ✓ | 40% excess tail, CTS |
| Production | 5 1/2" | NEW | P-110 | 23 | 25163' | 25163' ✓ | 20% excess tail, CTS |
| Tubing | | | | | | | |
| Liners | | | | | | | |

*SOW
8/23/2022*

| TYPE | Size (in) | Wellbore Diameter (in) | Wall Thickness (in) | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | Cement Type | Cement Yield (cu. ft./k) |
|------------------|-----------|------------------------|---------------------|----------------------|--|-----------------|---|
| Conductor | 30" | 30" | .500 | | | | Drilled In |
| Fresh Water/Coal | 20" | 24" | .438 | 2110 | 1200 | Type 1, Class A | 40 % excess yield = 1.20, CTS |
| Intermediate 1 | 13 3/8" | 17 1/2" | .480 | 3450 | | Type 1/Class A | Lead 40% excess, Tail 0% excess |
| Intermediate 2 | 9 5/8" | 12 1/4" | .395 | 3950 | | Type 1/Class A | Lead 40% excess, Tail 0% Excess |
| Production | 5 1/2" | 8 1/2" | .415 | 16240 | 12500 | Type 1/Class A | 20% excess yield = 1.19, Inl yield 1.94 |
| Tubing | | | | | | | |
| Liners | | | | | | | |

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PACKERS

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| | | | | |
|-------------|--|--|--|--|
| Kind: | | | | |
| Sizes: | | | | |
| Depths Set: | | | | |

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 7230 feet. Drill horizontal leg to estimated 17,125' lateral length, 25,163' TMD. Hydraulically fracture stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface. We plan to run an ACP above the Gantz/Dominion Storage interval to aid in sealing off and isolating the storage interval.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

The stimulation will be completed with multiple stages divided over the lateral length of the well. Stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand, water, and chemicals. See attached list. Maximum pressure not to exceed 12,500 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 29.485 acres

22) Area to be disturbed for well pad only, less access road (acres): 9.246 acres

23) Describe centralizer placement for each casing string:

No centralizers will be used with conductor casing.
Freshwater - centralized every 3 joints to surface.
Coal - Bow Spring on every joint, will also be running ACP for isolating storage zone
Intermediate - Bow Spring on first 2 joints then every third joint to 100' from surface.
Production - Run 1 spiral centralizer every 6 joints from the top of the curve to surface. Run 1 spiral centralizer every 3 joints from the 1st 5.5' long joint to the top of the curve.

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24) Describe all cement additives associated with each cement type:

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Conductor - N/A, Casing to be drilled in w/ Dual Rotary Rig.
Fresh Water - 15.6 ppg PNE-1 + 3% bwoc CaCl₂ 40% Excess Yield = 1.20, CTS
Intermediate 1 - *Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl_{40%} Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS*
Intermediate 2 - *Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl_{40%} Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS*
Production - *Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA17020% Excess. Lead Yield=1.19Tail Yield=1.94CTS*

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25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.
Fresh Water - Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.
Coal - Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.
Intermediate - Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.
Production - Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.

*Note: Attach additional sheets as needed.

4703306006



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1205 S-9H
Marcellus Shale Horizontal
Harrison County, WV

| | | | |
|------------------|----------|---------------|--------------------------|
| | | 1205 S-9H SHL | 14218446.8N 1824096.96E |
| Ground Elevation | 1407.3' | 1205 S-9H LP | 14218753.05N 1825777.24E |
| Azm | 161.283° | 1205 S-9H BHL | 14202696.13N 1831692.49E |

| WELLBORE DIAGRAM | HOLE | CASING | GEOLOGY | TOP | BASE | MUD | CEMENT | CENTRALIZERS | CONDITIONING | COMMENTS |
|------------------|------------------------|-----------------------------|-------------------------|---------------------|--------------------|------------------------|---|---|---|---|
| | 30" | 30" 157.5# LS | Conductor | 0 | 120 | AIR | N/A, Casing to be drilled in w/ Dual Rotary Rig | N/A | Ensure the hole is clean at TD. | Conductor casing = 0.5" wall thickness |
| | 24" | 20" 94# J-55 | Fresh Water | 0 | 135, 480, 640, 728 | AIR | 15.6 ppg PNE-1 + 3% bwoc CaCl 40% Excess Yield=1.20 / CTS | Centralized every 3 joints to surface | Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement. | Surface casing = 0.438" wall thickness Burst=2110 psi |
| | | | Coal | 730 | 736 | | | | | |
| | | | Surface / FW | 0 | 1200 | | | | | |
| | 17.5" | 13-3/8" 68# J-55 BTC | Little/Big Lime | 1467 / 1510 | 1482 / 1556 | AIR / KCL Salt Polymer | Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS | Bow Spring on every joint <i>*will also be running ACP for isolating storage zone*</i> | Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement. | Intermediate casing = 0.480" wall thickness Burst=3450 psi |
| | | | Injun / Gantz (Storage) | 1565 / 1900 | 1690 / 1970 | | | | | |
| | | | Intermediate 1 | 0 | 2100 | | | | | |
| | 12.25" | 9-5/8" 40# J-55 BTC | Fifty / Thirty Foot | 1993 / 2112 | 2093 / 2147 | AIR / KCL Salt Polymer | Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS | Bow Spring on first 2 joints then every third joint to 100' form surface | Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement. | Intermediate casing = 0.395" wall thickness Burst=3950 psi |
| | | | Gordon Stray / Gordon | 2195 / 2250 | 2250 / 2310 | | | | | |
| | | | 5th Sand | 2440 | 2468 | | | | | |
| | | | Warren | 2835 | 2860 | | | | | |
| | 8.5" Vertical | 5-1/2" 23# P-110 HP CDC HTQ | Speechley | 3028 | 3162 | 9.0ppg SOB | <u>Lead:</u> 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170 <u>Tail:</u> 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA170 20% Excess Lead Yield=1.19 Tail Yield=1.94 CTS | Run 1 spiral centralizer every 5 joints from the top of the curve to surface. | Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement. | Production casing = 0.415" wall thickness Burst=16240 psi Note:Actual centralizer schedules may be changed due to hole conditions |
| | | | Bradford | 3342 | 3367 | | | | | |
| | | | Benson | 4420 | 4455 | | | | | |
| | 8.5" Curve | | Rhinestreet | 5872 | 6549 | 11.5ppg-12.5ppg SOB | | | | |
| Cashaqua | | | 6549 | 6740 | | | | | | |
| Middlesex | | | 6740 | 6870 | | | | | | |
| West River | | | 6870 | 7003 | | | | | | |
| Burkett | | | 7003 | 7048 | | | | | | |
| Tully Limestone | | | 7048 | 7149 | | | | | | |
| Hamilton | | | 7149 | 7214 | | | | | | |
| 8.5" Lateral | Marcellus | 7214 | 7315 | 11.5ppg-12.5ppg SOB | | | | | | |
| | TMD / TVD (Production) | 25163 | 7230 | | | | | | | |
| | | Onondaga | 7315 | | | | | | | |

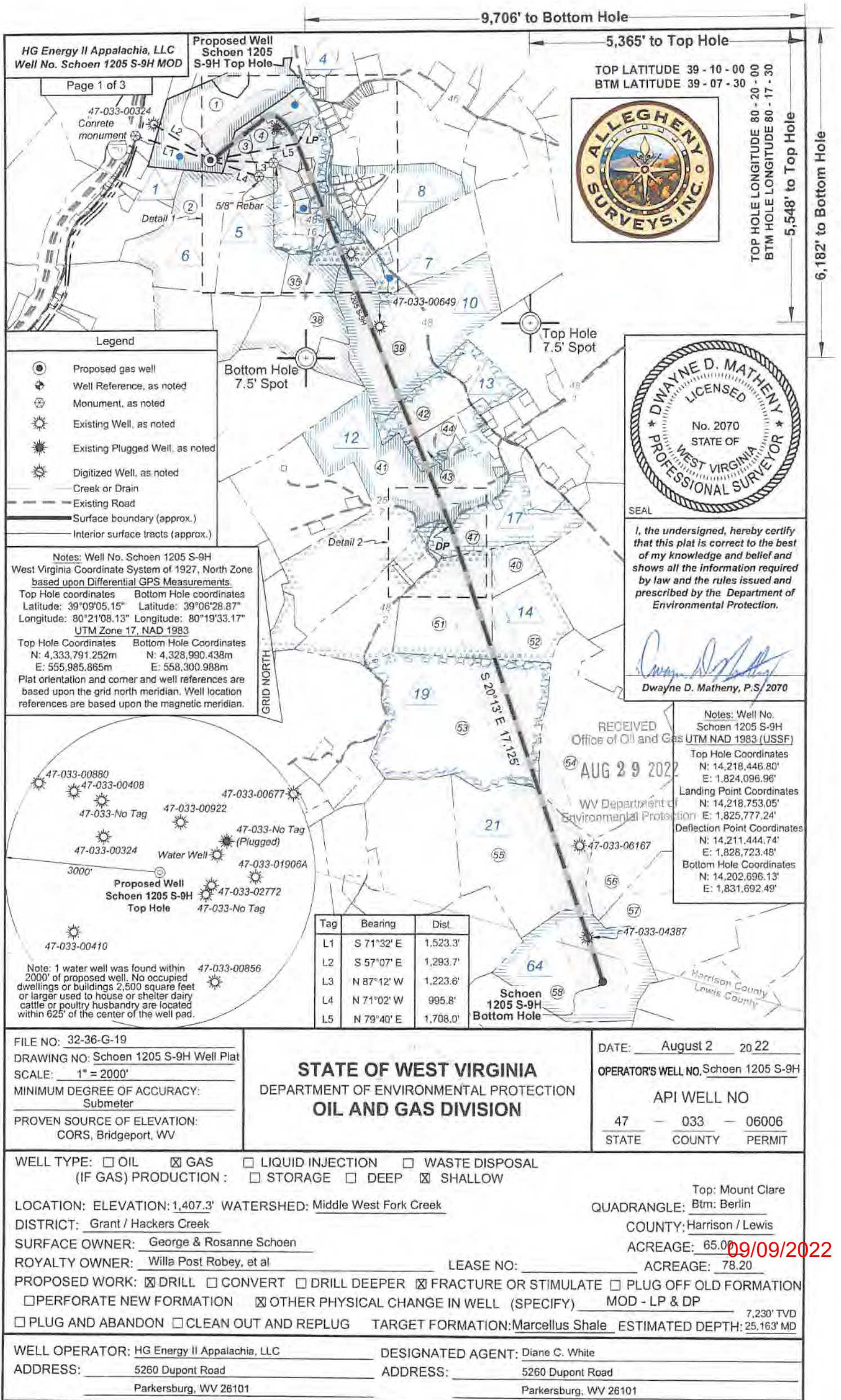
LP @ 7230' TVD / 8038' MD

8.5" Hole - Cemented Long String
5-1/2" 23# P-110 HP CDC HTQ

+/-17125' ft Lateral

TD @ +/-7230' TVD
+/-25163' MD

X=centralizers



HG Energy II Appalachia, LLC
Well No. Schoen 1205 S-9H MOD

Proposed Well
Schoen 1205
S-9H Top Hole

TOP LATITUDE 39 - 10 - 00
BTM LATITUDE 39 - 07 - 30



TOP HOLE LONGITUDE 80 - 20 - 00
BTM HOLE LONGITUDE 80 - 17 - 30

5,548' to Top Hole

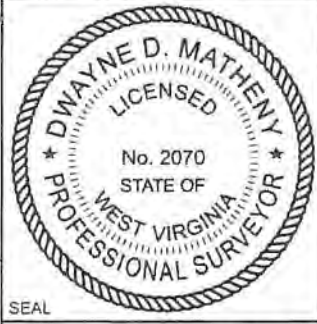
6,182' to Bottom Hole

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- Legend**
- Proposed gas well
 - Well Reference, as noted
 - Monument, as noted
 - Existing Well, as noted
 - Existing Plugged Well, as noted
 - Digitized Well, as noted
 - Creek or Drain
 - Existing Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)

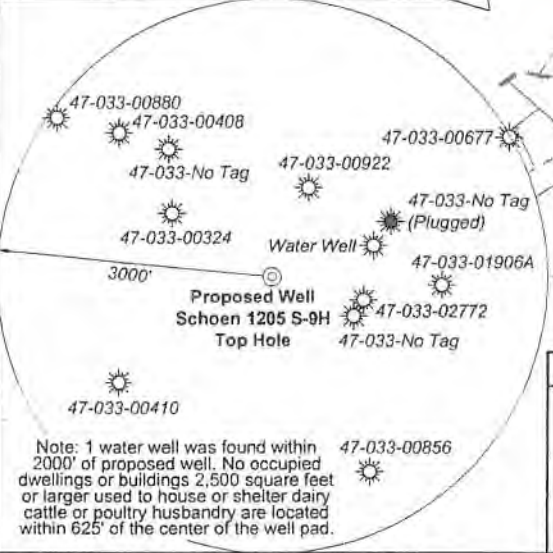
Notes: Well No. Schoen 1205 S-9H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'05.15" Latitude: 39°06'28.87"
Longitude: 80°21'08.13" Longitude: 80°19'33.17"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,791.252m N: 4,328,990.438m
E: 555,985,865m E: 558,300,988m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



SEAL

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.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070



| Tag | Bearing | Dist. |
|-----|------------|----------|
| L1 | S 71°32' E | 1,523.3' |
| L2 | S 57°07' E | 1,293.7' |
| L3 | N 87°12' W | 1,223.6' |
| L4 | N 71°02' W | 995.8' |
| L5 | N 79°40' E | 1,708.0' |

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Notes: Well No. Schoen 1205 S-9H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,446.80'
E: 1,824,096.96'
Landing Point Coordinates
N: 14,218,753.05'
E: 1,825,777.24'
Deflection Point Coordinates
N: 14,211,444.74'
E: 1,828,723.48'
Bottom Hole Coordinates
N: 14,202,696.13'
E: 1,831,692.49'

FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 S-9H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

DATE: August 2 2022
OPERATOR'S WELL NO. Schoen 1205 S-9H
API WELL NO
47 - 033 - 06006
STATE COUNTY PERMIT

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

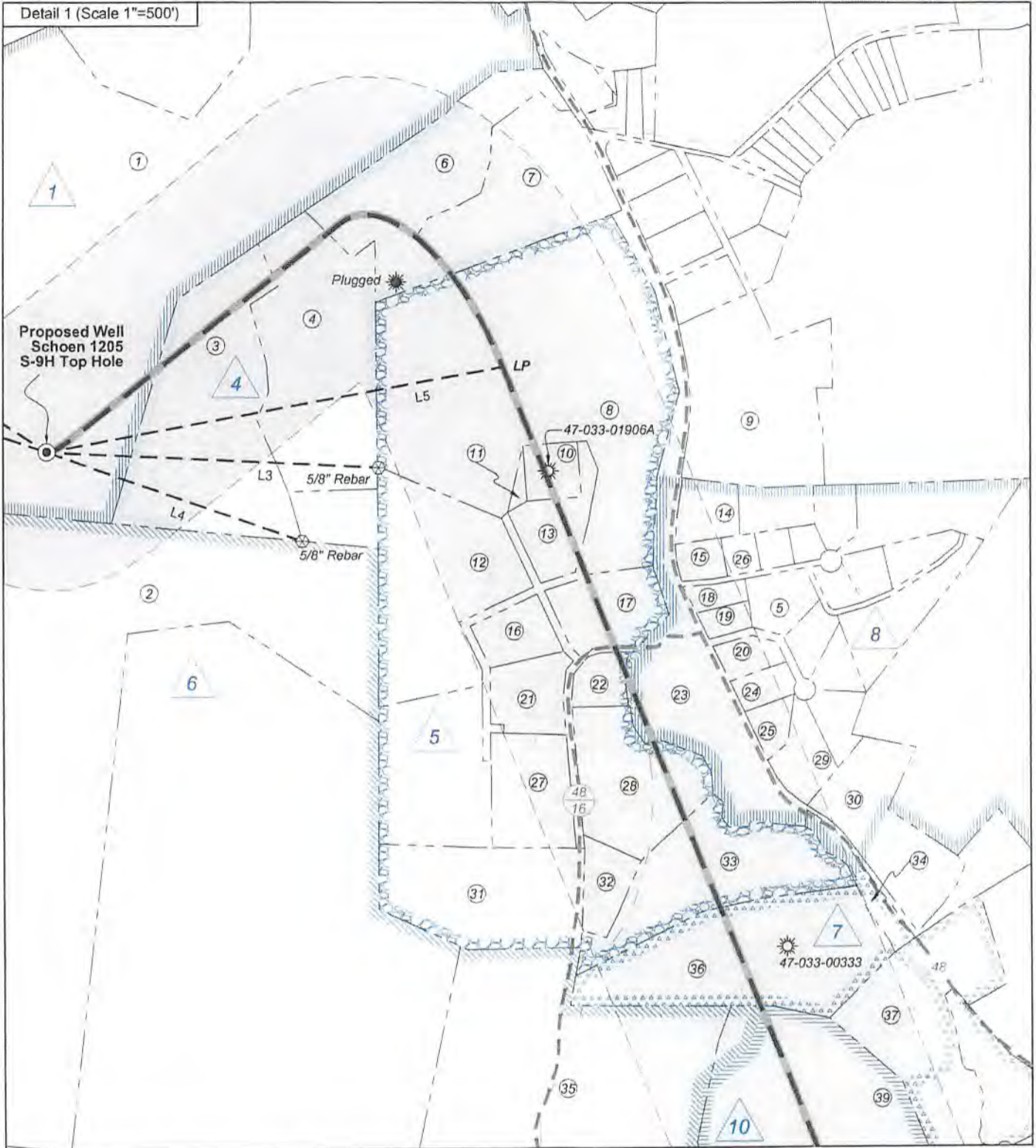
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Hackers Creek
SURFACE OWNER: George & Rosanne Schoen
ROYALTY OWNER: Willa Post Robey, et al LEASE NO: ACREAGE: 78.20
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - LP & DP
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,230' TVD 25,163' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

09/09/2022



Detail 1 (Scale 1"=500')



FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 S-9H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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

DATE: August 2 2022
OPERATOR'S WELL NO. Schoen 1205 S-9H
API WELL NO
47 - 033 - 06006
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek

DISTRICT: Grant / Hackers Creek

SURFACE OWNER: George & Rosanne Schoen

ROYALTY OWNER: Willa Post Robey, et al

LEASE NO: _____ ACREAGE: 78.20

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - LP & DP 7,230' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,163' MD

Top: Mount Clare
QUADRANGLE: Btm: Berlin
COUNTY: Harrison / Lewis

ACREAGE: 65.00

ACREAGE: 78.20

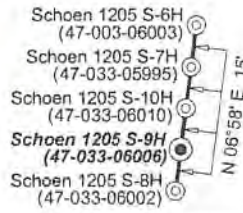
WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

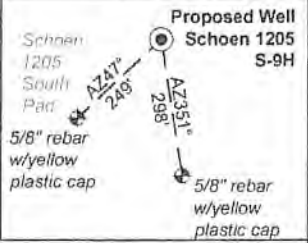
09/09/2022



Wellhead Layout (NTS)



Well Location References
Not to Scale



| Harrison County | | | | |
|-----------------|------------|-----------------------------------|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 447 / 2 | George & Rosanne Schoen | 1148 / 1059 | 65.00 |
| 2 | 446 / 29 | Thomas K. Young, et al | 1121 / 25 | 75.00 |
| 3 | 447 / 3 | George and Rosanne Schoen | 1253 / 302 | 10.06 |
| 4 | 447 / 3.4 | Stephen M & Kimberly Goff | 1257/189 | 7.67 |
| 5 | 447 / 5.10 | Raymond D. & Karen D. Irvin | 1393/477 | 1.09 |
| 6 | 447 / 3.3 | Charlotte C. Gerlach | 1070/1041 | 6.10 |
| 7 | 447 / 3.2 | Michael Tillman & Mary Hencke | 1257/193 | 5.86 |
| 8 | 447 / 4.11 | Joseph & Karen Bowers | 1295/887 | 21.87 |
| 9 | 447 / 6.1 | Michael & Charlotte Moses | 1364/7 | 7.20 |
| 10 | 447 / 4.10 | John Breen LACO | 1512/1161 | 0.92 |
| 11 | 447 / 4.12 | John Breen LACO | 1512/1161 | 0.17 |
| 12 | 447 / 4.1 | H. Keith & Diana L. Bramel | 1438/63 | 7.46 |
| 13 | 447 / 4.7 | John Breen | 1512/1161 | 2.20 |
| 14 | 447 / 5.25 | Kenneth & Twyla Snoops | 1440/70 | 1.09 |
| 15 | 447 / 5.12 | Jeffrey & Diana Rogers | 1553/872 | 0.57 |
| 16 | 447 / 4.8 | Joseph C. Queen | 1231/172 | 1.18 |
| 17 | 447 / 4.4 | Danny Lee Hess | 1264/1228 | 3.00 |
| 18 | 447 / 5.18 | James D. & Joanie L. Oliverio | 1542/1102 | 0.40 |
| 19 | 447 / 5.1 | Sheri L. Smith | 1537/668 | 0.42 |
| 20 | 447 / 5.14 | Joshua S. Runyon | 1498/815 | 0.64 |
| 21 | 447 / 4.3 | Grzechowski T. & Jerusha A. Adler | 1473/697 | 1.69 |
| 22 | 447 / 4.6 | Melinda J. & Michael R. Bush | 1294/171 | 0.85 |
| 23 | 447 / 5.3 | Town of Lost Creek | G 63/401 | 2.50 |
| 24 | 447 / 5.19 | Delani & Linda Coffman | 1325/840 | 0.63 |
| 25 | 447 / 5.13 | Delano & Linda Coffman | 1359/713 | 0.56 |
| 26 | 447 / 5.9 | Ronald J. Reed | 1308/925 | 0.41 |
| 27 | 447 / 4.5 | Eric A. Davis, et al | 1598/531 | 2.85 |
| 28 | 447 / 4.9 | Melinda Bush | 1569/158 | 4.20 |
| 29 | 447 / 5.7 | Jennifer Donnellan | 1438/453 | 1.19 |
| 30 | 447 / 26.1 | Russell A. Snyder | 1425/1332 | 2.01 |
| 31 | 447 / 21 | Richard & Rebecca Sprout | 1600/849 | 6.09 |
| 32 | 447 / 4.2 | Gail & Howard Marsh | 1410/1058 | 1.04 |
| 33 | 447 / 4 | Gene & Carol Kennedy | 1101/303 | 5.83 |
| 34 | 447 / 23.3 | Russell A. Snyder | 1585/356 | 0.72 |
| 35 | 447 / 22 | Daniel & Stacie Cooley | 1310/1072 | 16.59 |
| 36 | 447 / 23.2 | Donna Greaver | 1585/708 | 8.35 |
| 37 | 447 / 24 | Franklin Jr. & Elizabeth Wheeler | 1585/108 | 5.26 |
| 38 | 447 / 34 | Sharon K. & Patsy J. Salate | 1360/84 | 43.00 |
| 39 | 447 / 36 | Debra J. Bedell | 1291/931 | 82.38 |
| 40 | 467 / 36 | Gary W. & Kathy Hanby | 1107/1041 | 15.35 |
| 41 | 467 / 2 | Jackson L. Smith | 1378 / 976 | 95.16 |
| 42 | 447 / 44.1 | Debra J. Bedell | 1291/931 | 30.37 |
| 43 | 447 / 44 | Roddy & Tracy L. Ash | 1332/493 | 15.21 |
| 44 | 447 / 44.4 | Michael W. & Tracy L. Ash | 1359/139 | 4.79 |
| 45 | 467 / 2.2 | Ronald J. Singer | 1395 / 600 | 2.65 |
| 46 | 467 / 31 | Eugene Hanby | 1237 / 23 | 2.50 |
| 47 | 467 / 20 | Steven G. & Juila A. Randolph | 1321 / 1151 | 54.64 |
| 48 | 467 / 32 | Clara Ellen Wentz | --- / --- | 0.58 |
| 49 | 467 / 32.1 | Joseph M. Richards | 1439 / 1234 | 0.04 |
| 50 | 467 / 32.3 | Joseph M. Richards | 1485 / 706 | 4.15 |
| 51 | 467 / 36 | Joseph M. Richards | 1439 / 1234 | 73.93 |
| 52 | 467 / 36.1 | Gary W. & Kathy Hanby | 1153 / 965 | 45.00 |
| 53 | 467 / 52 | David L. & Lisle C. Hinkle | 1282 / 389 | 175.50 |
| 54 | 467 / 53 | George W Dawson, et ux | 1418 / 331 | 158.55 |
| 55 | 487 / 5 | Kimberly & Terri Glaze Wriston | W 83 / 97 | 129.62 |
| 56 | 487 / 6 | Clayton W. Rice | 1563 / 252 | 70.33 |
| 57 | 487 / 8 | Wayne R. Lewis | 1616 / 1241 | 134.68 |
| 58 | 10C / 16 | Terri Smith Glaze | W 34/428 | 105.00 |

| ID | Lease |
|----|-------------------------------------|
| 1 | A B Post, et al |
| 4 | John H. & Charlotte C. Gerlach |
| 5 | French S. Young, et ux |
| 6 | Susan V. Curry & Ida M. Curry |
| 7 | Mary Alkire, et al |
| 8 | L.B. & S.J. Davis |
| 10 | Lewis C. & Alma Swisher |
| 12 | French S. Young, et ux |
| 13 | Lewis C. & Alma Swisher |
| 14 | M.M.F. & S.F. Randolph |
| 17 | Mary Holbert Ellyson, et vir, et al |
| 19 | Sidney & Virginia Haymond |
| 21 | Patricia B. Smith, et al |
| 64 | Melvina E. Cookman |



FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 S-9H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

DATE: August 2 2022
OPERATOR'S WELL NO. Schoen 1205 S-9H
API WELL NO
47 - 033 - 06006
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek

Top: Mount Clare
QUADRANGLE: Btm: Berlin

DISTRICT: Grant / Hackers Creek

COUNTY: Harrison / Lewis

SURFACE OWNER: George & Rosanne Schoen

ACREAGE: 65.00

ROYALTY OWNER: Willa Post Robey, et al

LEASE NO: _____ ACREAGE: 78.20

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - LP & DP

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,163' MD 7,230' TVD

WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

09/09/2022

9,706' to Bottom Hole

5,365' to Top Hole

TOP LATITUDE 39 - 10 - 00
BTM LATITUDE 39 - 07 - 30

TOP HOLE LONGITUDE 80 - 20 - 00
BTM HOLE LONGITUDE 80 - 17 - 30

6,182' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Schoen 1205 S-9H MOD

Proposed Well
Schoen 1205
S-9H Top Hole

Page 1 of 3

47-033-00324
Concrete
monument

Detail 1

5/8" Rebar



Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

Notes: Well No. Schoen 1205 S-9H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'05.15" Latitude: 39°06'28.87"
Longitude: 80°21'08.13" Longitude: 80°19'33.17"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,791.252m N: 4,328,990.438m
E: 555,985.865m E: 558,300.988m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.

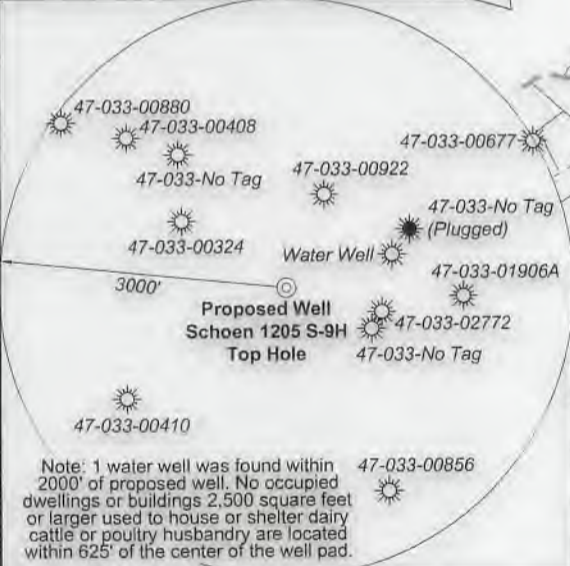


SEAL

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.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070

Notes: Well No. Schoen 1205 S-9H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,446.80'
E: 1,824,096.96'
Landing Point Coordinates
N: 14,218,753.05'
E: 1,825,777.24'
Deflection Point Coordinates
N: 14,211,444.74'
E: 1,828,723.48'
Bottom Hole Coordinates
N: 14,202,696.13'
E: 1,831,692.49'



| Tag | Bearing | Dist. |
|-----|------------|----------|
| L1 | S 71°32' E | 1,523.3' |
| L2 | S 57°07' E | 1,293.7' |
| L3 | N 87°12' W | 1,223.6' |
| L4 | N 71°02' W | 995.8' |
| L5 | N 79°40' E | 1,708.0' |

FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 S-9H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

DATE: August 2 2022
OPERATOR'S WELL NO. Schoen 1205 S-9H
API WELL NO
47 - 033 - 06006
STATE COUNTY PERMIT

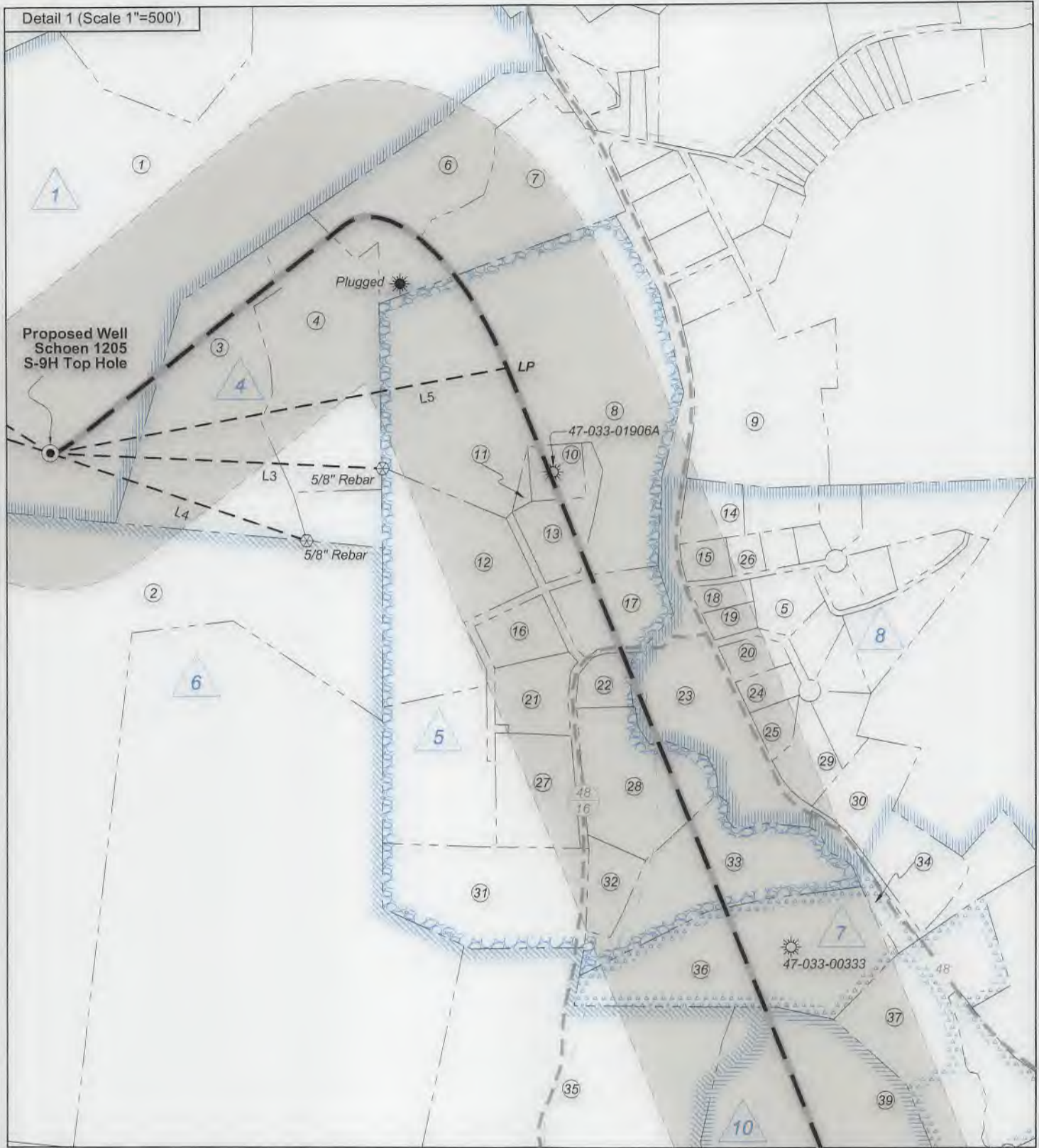
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Hackers Creek
SURFACE OWNER: George & Rosanne Schoen
ROYALTY OWNER: Willa Post Robey, et al LEASE NO: ACREAGE: 78.20
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - LP & DP 7.230' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,163' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



Detail 1 (Scale 1"=500')



FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 S-9H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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

DATE: August 2 2022
OPERATOR'S WELL NO. Schoen 1205 S-9H
API WELL NO
47 - 033 - 06006
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek

DISTRICT: Grant / Hackers Creek

SURFACE OWNER: George & Rosanne Schoen

ROYALTY OWNER: Willa Post Robey, et al

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - LP & DP

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,163' MD

Top: Mount Clare
Btm: Berlin
QUADRANGLE: 09/09/2022
COUNTY: Harborside
ACREAGE: 65.00

WELL OPERATOR: HG Energy II Appalachia, LLC

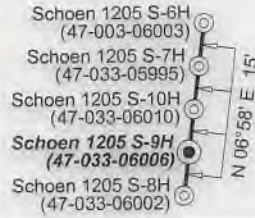
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White

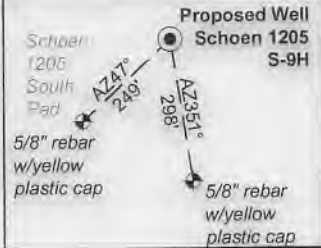
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101



Wellhead Layout (NTS)



Well Location References
Not to Scale



| Harrison County | | | |
|-----------------|------------|-----------------------------------|--------------------|
| No. | TM / Par | Owner | Bk / Pg Ac. |
| 1 | 447 / 2 | George & Rosanne Schoen | 1148 / 1059 65.00 |
| 2 | 446 / 29 | Thomas K. Young, et al | 1121 / 25 75.00 |
| 3 | 447 / 3 | George and Rosanne Schoen | 1253 / 302 10.06 |
| 4 | 447 / 3.4 | Stephen M & Kimberly Goff | 1257/189 7.67 |
| 5 | 447 / 5.10 | Raymond D. & Karen D. Irvin | 1393/477 1.09 |
| 6 | 447 / 3.3 | Charlotte C. Gerlach | 1070/1041 6.10 |
| 7 | 447 / 3.2 | Michael Tillman & Mary Hencke | 1257/193 5.86 |
| 8 | 447 / 4.11 | Joseph & Karen Bowers | 1295/887 21.87 |
| 9 | 447 / 6.1 | Michael & Charlotte Moses | 1364/7 7.20 |
| 10 | 447 / 4.10 | John Breen LACO | 1512/1161 0.92 |
| 11 | 447 / 4.12 | John Breen LACO | 1512/1161 0.17 |
| 12 | 447 / 4.1 | H. Keith & Diana L. Bramel | 1438/63 7.46 |
| 13 | 447 / 4.7 | John Breen | 1512/1161 2.20 |
| 14 | 447 / 5.25 | Kenneth & Twyla Snoops | 1440/70 1.09 |
| 15 | 447 / 5.12 | Jeffrey & Diana Rogers | 1553/872 0.57 |
| 16 | 447 / 4.8 | Joseph C. Queen | 1231/172 1.18 |
| 17 | 447 / 4.4 | Danny Lee Hess | 1264/1228 3.00 |
| 18 | 447 / 5.18 | James D. & Joanie L. Oliverio | 1542/1102 0.40 |
| 19 | 447 / 5.1 | Sheri L. Smith | 1537/668 0.42 |
| 20 | 447 / 5.14 | Joshua S. Runyon | 1498/815 0.64 |
| 21 | 447 / 4.3 | Grzechowski T. & Jerusha A. Adler | 1473/697 1.69 |
| 22 | 447 / 4.6 | Melinda J. & Michael R. Bush | 1294/171 0.85 |
| 23 | 447 / 5.3 | Town of Lost Creek | G 63/401 2.50 |
| 24 | 447 / 5.19 | Delani & Linda Coffman | 1325/840 0.63 |
| 25 | 447 / 5.13 | Delano & Linda Coffman | 1359/713 0.56 |
| 26 | 447 / 5.9 | Ronald J. Reed | 1308/925 0.41 |
| 27 | 447 / 4.5 | Eric A. Davis, et al | 1598/531 2.85 |
| 28 | 447 / 4.9 | Melinda Bush | 1569/158 4.20 |
| 29 | 447 / 5.7 | Jennifer Donnellan | 1438/453 1.19 |
| 30 | 447 / 26.1 | Russell A. Snyder | 1425/1332 2.01 |
| 31 | 447 / 21 | Richard & Rebecca Sprout | 1600/849 6.09 |
| 32 | 447 / 4.2 | Gail & Howard Marsh | 1410/1058 1.04 |
| 33 | 447 / 4 | Gene & Carol Kennedy | 1101/303 5.83 |
| 34 | 447 / 23.3 | Russell A. Snyder | 1585/356 0.72 |
| 35 | 447 / 22 | Daniel & Stacie Cooley | 1310/1072 16.59 |
| 36 | 447 / 23.2 | Donna Greaver | 1585/708 8.35 |
| 37 | 447 / 24 | Franklin Jr. & Elizabeth Wheeler | 1585/108 5.26 |
| 38 | 447 / 34 | Sharon K. & Patsy J. Salate | 1360/84 43.00 |
| 39 | 447 / 36 | Debra J. Bedell | 1291/931 82.38 |
| 40 | 467 / 36 | Gary W. & Kathy Hanby | 1107/1041 15.35 |
| 41 | 467 / 2 | Jackson L. Smith | 1378 / 976 95.16 |
| 42 | 447 / 44.1 | Debra J. Bedell | 1291/931 30.37 |
| 43 | 447 / 44 | Roddy & Tracy L. Ash | 1332/493 15.21 |
| 44 | 447 / 44.4 | Michael W. & Tracy L. Ash | 1359/139 4.79 |
| 45 | 467 / 2.2 | Ronald J. Singer | 1395 / 600 2.65 |
| 46 | 467 / 31 | Eugene Hanby | 1237 / 23 2.50 |
| 47 | 467 / 20 | Steven G. & Juila A. Randolph | 1321 / 1151 54.64 |
| 48 | 467 / 32 | Clara Ellen Wentz | --- / --- 0.58 |
| 49 | 467 / 32.1 | Joseph M. Richards | 1439 / 1234 0.04 |
| 50 | 467 / 32.3 | Joseph M. Richards | 1485 / 706 4.15 |
| 51 | 467 / 36 | Joseph M. Richards | 1439 / 1234 73.93 |
| 52 | 467 / 36.1 | Gary W. & Kathy Hanby | 1153 / 965 45.00 |
| 53 | 467 / 52 | David L. & Lisle C. Hinkle | 1282 / 389 175.50 |
| 54 | 467 / 53 | George W Dawson, et ux | 1418 / 331 158.55 |
| 55 | 487 / 5 | Kimberly & Terri Glaze Wriston | W 83 / 97 129.62 |
| 56 | 487 / 6 | Clayton W. Rice | 1563 / 252 70.33 |
| 57 | 487 / 8 | Wayne R. Lewis | 1616 / 1241 134.68 |
| Lewis County | | | |
| 58 | 10C / 16 | Terri Smith Glaze | W 34/428 105.00 |

| ID | Lease |
|----|-------------------------------------|
| 1 | A B. Post, et al |
| 4 | John H. & Charlotte C. Gerlach |
| 5 | French S. Young, et ux |
| 6 | Susan V. Curry & Ida M. Curry |
| 7 | Mary Alkire, et al |
| 8 | L E. & S.J. Davis |
| 10 | Lewis C. & Alma Swisher |
| 12 | French S. Young, et ux |
| 13 | Lewis C. & Alma Swisher |
| 14 | M.M.F. & S.F. Randolph |
| 17 | Mary Holbert Ellyson, et vir, et al |
| 19 | Sidney & Virginia Haymond |
| 21 | Patricia B. Smith, et al |
| 64 | Melvina E. Cookman |



FILE NO: 32-36-G-19
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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 2 20 22
OPERATOR'S WELL NO. Schoen 1205 S-9H
API WELL NO
47 - 033 - 06006
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Hackers Creek
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ROYALTY OWNER: Willa Post Robey, et al LEASE NO: ACREAGE: 78.20
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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,230' TVD 25.163' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

09/09/2022

WW-6A1
(5/13)

Operator's Well No. Schoen 1205 S-9H

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Lease Name or Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |
|----------------------|-----------------------|-----------------------|---------|-----------|
|----------------------|-----------------------|-----------------------|---------|-----------|

See Attached Sheets

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: HG Energy II Appalachia, LLC
 By: Diane White *Diane White*
 Its: Accountant

4703306006

HG Energy II Appalachia, LLC - Schoen 1205 S9H Lease Chain

| 1205S-9 | LEGACY LEASE NUMBER | TAX MAP | LEASE NUMBER | GRANTOR/LESSOR | GRANTEE/LESSEE | ROYALTY | DEED BOOK | PAGE |
|---------|---------------------|--|----------------------------|---|--|---|-----------|------|
| 1 | LC074399 | 12-0447-0001-0000 12-0447-0002-0000 | Q100514000 | A. B. POST, WIDOWER; P. S. ROBEY AND WILLA ROBEY, EACH IN HIS OWN RIGHT AS HUSBAND AND WIFE; ELLA LOUISE MAXWELL AND ISAAC H. MAXWELL, HER HUSBAND; FRANCES AND GEORGE B. VIEWEG, HER HUSBAND | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 900 | 269 |
| | | | | HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | 179 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1524 | 491 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | 1295 |
| 4 | ANTERO-5 | 12-0447-0003-0000 12-0447-0003-0004 12-0447-0003-0005 12-0447-0003-0003 12-0447-0003-0002 | ANTERO-5 | GERLACH, JOHN h. & CHARLOTTE C. GERLACH, HIS WIFE | JACKSON L. SMITH, D/B/A WEST VIRGINIA ENERGIES | NOT LESS THAN 1/8 | 1108 | 569 |
| | | | | JACKSON L. SMITH, D/B/A WEST VIRGINIA ENERGIES | BERRY ENERGY CONSULTANTS & MANAGERS INC | ASSIGNMENT | 1140 | 674 |
| | | | | BERRY ENERGY CONSULTANTS & MANAGERS INC | J & J ENTERPRISES, INC | ASSIGNMENT | 1110 | 890 |
| | | | | J & J ENTERPRISES, INC | EASTERN AMERICAN ENERGY CORPORATION | MERGER/NAME CHANGE | 200 | 1110 |
| | | | | EASTERN AMERICAN ENERGY CORPORATION | ENERGY CORPORATION OF AMERICA | MERGER/NAME CHANGE | 59 | 879 |
| | | | | ENERGY CORPORATION OF AMERICA | ANTERO RESOURCES CORPORATION | ASSIGNMENT | 1603 | 1084 |
| | | | | ANTERO RESOURCES CORPORATION | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1671 | 74 |
| | | | | FRENCH S. YOUNG AND ANNA J. YOUNG | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 147 | 297 |
| 5 | LC004920 | 12-447-0004-0001 12-447-0004-0002 12-447-0004-0003 12-447-0004-0004 12-447-0004-0005 12-447-0004-0006 12-447-0004-0007 12-447-0004-0008 12-447-0004-0009 12-447-0004-0010 12-447-0004-0011 12-447-0004-0012 12-447-0004-0013 12-447-0021-0000 12-447-0023-0000 | Q100923000 LC098171 FEE | HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | 179 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1524 | 491 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | 1295 |

4703306006

| | | | | | | | | |
|---|--|---|----------------------------|---|--|---|--------------|---------------------------------------|
| 6 | LC098171 FEE, LC020404 | 12-0446-0029-0000 12-0447-0020-0000 12-0447-0022-0000 12-0447-0032-0000 12-0447-0033-0000 12-0447-0034-0000 12-0447-0035-0000 | Q100631000 LC098171 FEE | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT (68%) | LEWIS 736 | 220 |
| | | | | SUSAN V. CURRY, SINGLE; AND IDA M. CURRY, SINGLE | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 193 | 265 |
| | | | | HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | 179 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | ASSIGNMENT | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) | 1621 1637 | 1295 1081 |
| 7 | LC066701 | 12-0447-0023-0000 12-0447-0023-0001 12-0447-0023-0002 12-0447-0023-0003 p/o 12-0447-0024-0000 | Q101136000 FEEHGII0041 | MARY ALKIRE, WIDOW; R. M. MCWHORTER AND MARY JANE MCWHORTER, HIS WIFE; AND MARTHA SAELER AND GILBERT L. SAELER, HER HUSBAND | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 777 | 354 |
| | | | | HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | 179 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | 1295 |
| | | | | 8 | LC008512 | 13-0447-0005-0000 13-0447-0005-0001 13-0447-0005-0003 13-0447-0005-0004 13-0447-0005-0006 13-0447-0005-0007 13-0447-0005-0008 13-0447-0005-0009 13-0447-0005-0010 13-0447-0005-0011 13-0447-0005-0012 13-0447-0005-0013 13-0447-0005-0014 13-0447-0005-0015 13-0447-0005-0016 13-0447-0005-0017 13-0447-0005-0018 13-0447-0005-0019 13-0447-0005-0021 13-0447-0005-0022 13-0447-0005-0023 13-0447-0005-0024 13-0447-0005-0025 p/o 12-0447-0023-0031 p/o 12-0447-0027-0000 | Q100305000 | L. B. DAVIS AND S. J. DAVIS, HIS WIFE |
| SOUTH PENN OIL COMPANY | HOPE NATURAL GAS COMPANY | ASSIGNMENT | 204 | | | | | 402 |
| HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | | | | | 179 |
| CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | | | | | 250 |
| CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | | | | | 795 |
| CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | | | | | 362 |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | | | | | 33 |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1524 | | | | | 491 |
| CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | | | | | 1235 |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | | | | | 125 |
| CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | | | | | 942 |
| NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | | | | | 692 |
| DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | | | | | 581 |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | | | | | 1295 |
| LEWIS C. SWISHER AND ALMA SWISHER, HIS WIFE | CONSOLIDATED GAS SUPPLY CORPORATION | NOT LESS THAN 1/8 | 955 | | | | | 378 |

| | | | | | | | | |
|------------------------------------|------------------------------------|---|------------|--|--|---|-------|------|
| 10 | LC078281 | 12-0447-0036-0000 p/o 12-0447-0036-0001 | Q100950000 | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 |
| 12 | LC068012 | 12-0467-0002-0000 12-0467-0002-0001 12-0467-0002-0002 | Q100847000 | FRENCH S. YOUNG AND ANNA J. YOUNG, HUSBAND AND WIFE | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 808 | 416 |
| | | | | HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | 179 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1524 | 491 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 | | | | |
| DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | 1295 | | | | |
| 13 | LC078282 | 12-0447-0044-0000 12-0447-0044-0001 12-0447-0044-0002 12-0447-0044-0003 12-0447-0044-0004 12-0447-0044-000 12-0447-0051-0000 p/o 12-0447-0036-0001 | Q100408000 | LEWIS C. SWISHER AND ALMA SWISHER, HIS WIFE | CONSOLIDATED GAS SUPPLY CORPORATION | NOT LESS THAN 1/8 | 955 | 382 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1524 | 491 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | 1295 | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT (68%) | LEWIS 736 | 220 | | | | |
| 14 | LC005043 | 12-0467-0030-0000 12-0467-0030-0001 p/o 12-0467-0032-0003 12-0467-033-0000 p/o 12-0467-0033-0001 12-0467-0034-0000 | Q100542000 | M.M.F. RANDOLPH AND S. F. RANDOLPH, HUSBAND AND WIFE | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 152 | 262 |
| | | | | HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | 179 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |

4703306006

| | | | | | | | | |
|---|--|---|------------|--|--|---|------------|------------------------------------|
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | 1295 |
| 21 | LC022729 | 12-0487-0005-0000 | Q100867000 | PATRICIA B. SMITH, WIDOW; AND VIRGINIA LAURA SMITH, SINGLE | CONSOLIDATED GAS SUPPLY CORPORATION | NOT LESS THAN 1/8 | 996 | 672 |
| | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 1136 | 250 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 51 | 795 |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 58 | 362 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1543 | 1235 |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1576 | 125 |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1600 | 692 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601 | 581 |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT (68%) | LEWIS 736 | 220 |
| | | | | 64 | LC066698 | 04-010C-0016-0000 | Q100879000 | MELVINA E. COOKMAN, A SINGLE WOMAN |
| HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 294 | | | | | 89 |
| CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 425 | | | | | 127 |
| CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | WVSOS | | | | | |
| CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | | | | | |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 672 | | | | | 154 |
| CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 684 | | | | | 57 |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 712 | | | | | 848 |
| CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 717 | | | | | 1 |
| DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | | | | | |
| NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 722 | | | | | 170 |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 723 | | | | | 499 |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 734 | | | | | 558 |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 736 | 220 | | | | |



HG Energy, LLC
5260 Dupont Road
Parkersburg, WV 26101
(304) 420-1100 - Office
(304) 863-3172 - Fax

4703306006

August 19, 2022

WV DEP
Division of Oil & Gas
Attn: Cragin Blevins
601 57th Street
Charleston, West Virginia 25304

RECEIVED
Office of Oil and Gas
AUG 29 2022
WV Department of
Environmental Protection

RE: Schoen 1205 S-9H Drill Permit Revision Request – (47-033-06006)
Grant District, Harrison County
West Virginia

EXP MOD

Dear Mr. Blevins -

Per our discussions, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic, WW6A-1) and a check for expedited service for the 1205 S-9H well work permit revision request. We ask the permit be modified to reflect the revised lateral.

Please let me know if you have any questions or require additional information. I can be reached at (304) 420-1119 or dwhite@hgenergyllc.com.

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Sam Ward – WV DEP State Inspector

09/09/2022



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Expedited Modification Horizontal H6A Well Work Permits API: (47-033-06001 & 47-033-06006)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Tue, Sep 6, 2022 at 11:16 AM

To: Diane White <dwhite@hgenenergyllc.com>, "Ward, Samuel D" <samuel.d.ward@wv.gov>, dpalmer@harrisoncountywv.com, mcopeland@harrisoncountywv.com

I have attached a copy of the newly issued well permit numbers:

47-033-06001 - SCHOEN 1205 N-1H
47-033-06006 - SCHOEN 1205 S-9H

These will serve as your copy.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE


Charleston, WV 25304


(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **47-033-06006 - mod.pdf**
2160K

 **47-033-06001 - mod.pdf**
4836K

09/09/2022