



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, June 7, 2022

WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

MONUMENT OIL & GAS, LLC
929 CHARLESTON RD.
SPENCER, WV 25276

Re: Permit approval for LE-2
47-103-02041-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.


James A. Martin
Chief

Operator's Well Number: LE-2
Farm Name: MADISON, EARL & JULIA
U.S. WELL NUMBER: 47-103-02041-00-00
Coal Bed Methane Well Plugging
Date Issued: 6/7/2022

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date March 3, 2022
2) Operator's
Well No. LE-2
3) API Well No. 47-103 - 02041

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON *A CBM well*

4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / ShallowX

5) Location: Elevation 1465 Watershed Joy Run of Church Fork
District Church County Wetzel Quadrangle Hundred

6) Well Operator Monument Oil & Gas LLC 7) Designated Agent _____
Address 929 Charleston Rd. Address _____
Spencer, WV 25276

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Kenneth Greynolds Name Contractor Services Inc. of WV
Address 613 Broad Run Rd Address 929 Charleston Road
Jane Lew, WV 26378 Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attached.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Kenneth Greynolds

Digitally signed by: Kenneth Greynolds
DN: CN = Kenneth Greynolds
email = kenneth.l.greynolds@wv.gov
C = US O = WVDEP OU = DMR
Date: 2022.03.04 08:33:54 -05'00'

Work order approved by inspector _____ Date _____

Well: LE-2
 County: Wetzel
 API# 047-103-02041

* 1 1/4" HDPE TUBING

OD 1.66 MINIMUM WALL 0.151

Plug and Abandon Well

Well Design:

| | | |
|---------|------------|-------------|
| 10 3/4" | 0 - 42' | 8 cu ft |
| 7.00" | 0 - 363.8' | 82.6 cu ft |
| 4 1/2" | 0 - 2166' | 101 cu ft |
| 1 1/4" | 0-5799' | HDPE tubing |

IF 6" HOLE TOC 995' ∴ LIKELY ALL COAL COVERED w/
CEMENT

Procedure:

Notify WV DEP 48 hours prior to commencement of operations.
 Setup containment and necessary ECD's
 Move in Rig up Equipment
 Pull tubing if present (1 1/4" HDPE TUBING)
 Dump pea gravel or set CIBP
 Trip in hole with tubing, set Cement Plug TD to surface, TOOH
 Install monument, rig down move off
 Remove containment and unneeded ECD's

- SPOT GEL, THEN SET EXPANDING CEMENT PLUG FROM TD (5799' TO 2130'), WOC, TAG PLUG.
- SET CIBP JUST ABOVE PITTSBURGH COAL.
- WOC, TAG PLUG.
- SET EXPANDING CEMENT FROM CIBP TO ≈ 1000', JUST ABOVE WAYNESBURG COAL.
- FREEPOINT, CUT ± POOH w/ 4 1/2" CASING
- SET EXPANDING CEMENT PLUG FROM CASING CUT TO SURFACE.
- INSTALL MONUMENT, RIG DOWN.
- RECLAIM

gwm

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

BGS

Well Operator's Report of Well Work

Farm name: Madison, Earl and Julia

Operator Well No.: LE-2

LOCATION: Elevation: 1465'

Quadrangle: Hundred 7.5'

District: Church
Latitude: 6,950'
Longitude: 990'

County: Wetzel
Feet South of 39 Deg. 42' Min. 30" Sec.
Feet West of 80 Deg. 25' Min. 00" Sec.



Company: Dynatec Energy, Inc.

| | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---|--------------------------|------------------|--------------|------------------------|
| Address: P. O. Box 306 | 10 3/4" | 42 | 42 | 8 cts cu ft |
| Hundred, WV 26575 | <i>TVD 300'</i> 7" | 363.8 | 363.8 | 82.6 cts cu ft |
| Agent: David Matz | <i>TVD 1236</i> 4 1/2" | 2166' | 2166' | 101 cu ft |
| Inspector: Michael Underwood | 1 1/4" HDPE | 5799' | 5799' | |
| Date Permit Issued: 12/15/2004 | | | | |
| Date Well Work Commenced: 06/22/05 | | | | |
| Date Well Work Completed: 07/14/05 | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary Cable Rig | | | | |
| Total Depth (feet): 5799' | <i>TVD 1236</i> | | | |
| Fresh Water Depth (ft.): unknown | | | | |
| Salt Water Depth (ft.): not encountered | | | | |
| Is coal being mined in area (N/Y)? | N | | | |
| Coal Depths (ft.): | Waynesburg A 1089'-1100' | | | |
| | Sewickley 1510'-1552' | | | |
| | Redstone 1715'-1752' | | | |
| | Pittsburgh 2135'-5799' | | | |

REASONABLE TOC ≈ 1000'

-TVD

1230' TVD

OPEN FLOW DATA

Producing formation N/A Pay zone depth (ft): Pittsburgh Coal Seam 2135'
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 0 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 0 Hours
Static rock Pressure 0 psig (surface pressure) after 0 Hours

SLANT HOLE SURFACE TO TD!

Second producing formation N/A Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Dynatec Energy, Inc.
By: *David Matz*
Date: *Oct 19, 2005*

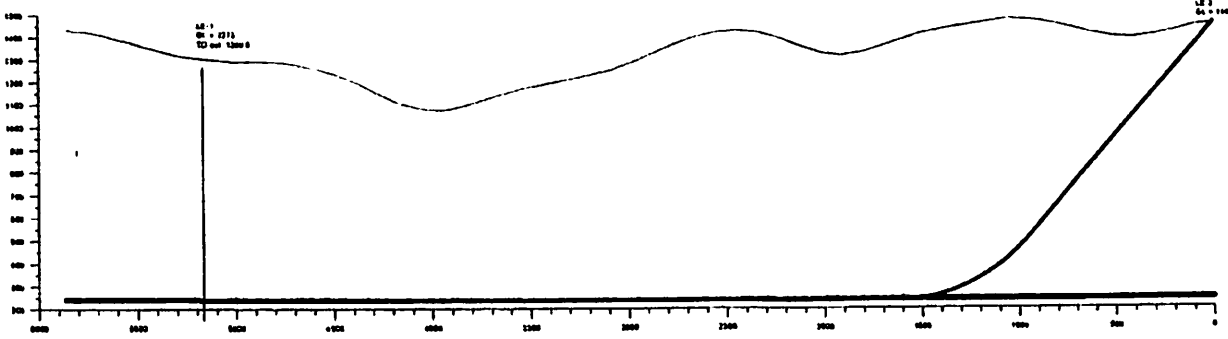
4710302041P

LE-02

| From | To | Rock Type | Comment |
|--------|--------|-----------------|--------------|
| 0 | 275 | shale | |
| 275 | 391 | siltstone | |
| 391 | 417 | shale | |
| 417 | 469 | shaleysiltstone | |
| 469 | 500 | shale | |
| 500 | 546 | siltstone | |
| 546 | 566 | shale | |
| 566 | 589 | siltstone | |
| 589 | 646 | shaleysiltstone | |
| 646 | 683 | siltstone | |
| 683 | 698 | shale | |
| 698 | 813 | shaleysiltstone | |
| 813 | 980 | shale | |
| 980 | 1005 | siltyshale | |
| 1005 | 1020 | shale | |
| 1020 | 1023.5 | anhydrite | |
| 1023.5 | 1089 | shale | |
| 1089 | 1100 | coal | Waynesburg A |
| 1100 | 1115 | shaleysiltstone | |
| 1115 | 1134 | siltstone | |
| 1134 | 1148 | shale | |
| 1148 | 1211 | siltstone | |
| 1211 | 1510 | siltyshale | |
| 1510 | 1552 | coal | Sewickley |
| 1552 | 1715 | shaleysiltstone | |
| 1715 | 1752 | coal? | Redstone |
| 1752 | 2135 | shaleysiltstone | |
| 2135 | 5799 | Coal | Pittsburgh |

06/10/2022

103-2041C



Plot 02 + LS-1 in LS 1
 Target distance between surface and LS 1 = 2500
 Starting 250
 Estimated with path
 Color = 1000
 Log 1 = 1000
 Log 2 = 1000
 Log 3 = 1000
 Total distance = 1000

RECEIVED
 Office of Oil & Gas
 Office of Chief
 WV Department of
 Environmental Protection
 AUG 27 2004

103-2041C

| | |
|-----------------|-----------------------|
| Hole Name : | LE-02 |
| Client : | Dynatec |
| Tool : | BlackMax EM.-MWD Tool |
| Date : | |
| V/S Direction : | 204.8929 |
| ID : | |
| From : | 0 |
| To : | 5799.4 |
| Inc Corr: | -0.0428 |
| Azi Corr: | -0.1997 |

| MD | S/D | Incl. | Grid Azi | TVD | N | E | D/L | V/S | Northing | Easting | Elevation |
|--------|--------|-------|----------|--------|---------|---------|------|--------|-----------|------------|-----------|
| ft | ft | deg. | deg. | ft | ft | ft | deg. | ft | ft | ft | ft |
| 37.98 | 0.00 | 31.96 | 204.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 434540.55 | 1741021.63 | 1477.50 |
| 405.58 | 367.60 | 25.86 | 207.00 | 321.66 | -159.89 | -77.27 | 1.68 | 177.56 | 434380.66 | 1740944.35 | 1155.84 |
| 425.58 | 387.60 | 26.56 | 205.20 | 339.60 | -167.82 | -81.16 | 5.29 | 186.39 | 434372.72 | 1740940.47 | 1137.90 |
| 445.58 | 407.60 | 27.16 | 205.80 | 357.44 | -175.98 | -85.05 | 3.29 | 195.43 | 434384.57 | 1740936.58 | 1120.06 |
| 465.58 | 427.60 | 27.96 | 204.60 | 375.17 | -184.35 | -88.99 | 4.86 | 204.68 | 434356.20 | 1740932.64 | 1102.33 |
| 485.58 | 447.60 | 28.86 | 204.50 | 392.77 | -193.00 | -92.94 | 4.50 | 214.19 | 434347.54 | 1740928.69 | 1084.73 |
| 505.58 | 467.60 | 30.06 | 204.20 | 410.18 | -201.96 | -96.99 | 6.04 | 224.03 | 434338.58 | 1740924.63 | 1067.32 |
| 525.58 | 487.60 | 31.26 | 204.20 | 427.38 | -211.27 | -101.17 | 5.99 | 234.22 | 434329.28 | 1740920.45 | 1050.12 |
| 545.58 | 507.60 | 32.46 | 203.50 | 444.37 | -220.92 | -105.44 | 6.27 | 244.78 | 434319.63 | 1740916.18 | 1033.13 |
| 565.58 | 527.60 | 33.16 | 203.90 | 461.18 | -230.84 | -109.60 | 3.66 | 255.61 | 434309.70 | 1740911.83 | 1016.32 |
| 585.58 | 547.60 | 34.26 | 203.70 | 477.82 | -241.00 | -114.28 | 5.52 | 266.71 | 434299.55 | 1740907.35 | 999.68 |
| 605.58 | 567.60 | 34.96 | 203.60 | 494.28 | -251.40 | -118.83 | 3.51 | 278.07 | 434289.14 | 1740902.79 | 983.22 |
| 625.58 | 587.60 | 35.36 | 203.60 | 510.63 | -261.96 | -123.44 | 2.00 | 289.58 | 434278.59 | 1740898.18 | 966.87 |
| 645.58 | 607.60 | 35.76 | 203.10 | 526.90 | -272.63 | -128.05 | 2.47 | 301.20 | 434267.91 | 1740893.57 | 950.60 |
| 665.58 | 627.60 | 35.86 | 202.10 | 543.12 | -283.44 | -132.55 | 2.96 | 312.90 | 434257.11 | 1740888.08 | 934.38 |
| 685.58 | 647.60 | 35.66 | 202.90 | 559.35 | -294.23 | -137.02 | 2.54 | 324.57 | 434246.31 | 1740884.60 | 918.15 |
| 705.58 | 667.60 | 35.36 | 203.90 | 575.63 | -304.89 | -141.63 | 3.27 | 336.18 | 434235.65 | 1740879.99 | 901.87 |
| 730.58 | 687.60 | 34.66 | 204.90 | 592.01 | -315.34 | -146.37 | 4.52 | 347.66 | 434225.20 | 1740875.25 | 885.49 |
| 750.58 | 707.60 | 34.26 | 205.20 | 608.50 | -325.59 | -151.16 | 2.17 | 358.97 | 434214.95 | 1740870.48 | 869.00 |
| 770.58 | 727.60 | 34.36 | 204.60 | 625.03 | -335.82 | -155.91 | 1.76 | 370.25 | 434204.73 | 1740865.72 | 852.47 |

| | | | | | | | | | | | |
|---------|---------|-------|--------|---------|---------|---------|------|--------|-----------|------------|--------|
| 790.58 | 747.60 | 34.26 | 204.10 | 641.55 | -346.09 | -160.56 | 1.49 | 381.52 | 434194.46 | 1740861.07 | 835.95 |
| 810.58 | 767.60 | 34.16 | 203.40 | 658.09 | -356.38 | -165.09 | 2.03 | 392.76 | 434184.17 | 1740856.54 | 819.41 |
| 830.58 | 787.60 | 33.96 | 203.00 | 674.66 | -366.87 | -169.50 | 1.50 | 403.95 | 434173.87 | 1740852.13 | 802.84 |
| 850.58 | 807.60 | 33.56 | 203.30 | 691.28 | -376.89 | -173.87 | 2.16 | 415.06 | 434163.65 | 1740847.76 | 786.22 |
| 870.58 | 827.60 | 33.26 | 203.00 | 707.98 | -387.02 | -178.20 | 1.71 | 426.07 | 434153.53 | 1740843.43 | 769.52 |
| 890.58 | 847.60 | 34.36 | 202.70 | 724.60 | -397.27 | -182.52 | 5.56 | 437.19 | 434143.27 | 1740839.11 | 752.90 |
| 910.58 | 867.60 | 35.36 | 202.60 | 741.01 | -407.82 | -186.92 | 5.00 | 448.61 | 434132.72 | 1740834.71 | 736.49 |
| 930.58 | 887.60 | 36.46 | 202.50 | 757.21 | -418.65 | -191.42 | 5.50 | 460.33 | 434121.89 | 1740830.21 | 720.29 |
| 950.58 | 907.60 | 37.26 | 202.40 | 773.21 | -429.74 | -196.00 | 4.01 | 472.32 | 434110.80 | 1740825.63 | 704.29 |
| 970.58 | 927.60 | 38.56 | 203.20 | 788.99 | -441.07 | -200.76 | 6.94 | 484.60 | 434099.48 | 1740820.86 | 688.51 |
| 990.58 | 947.60 | 39.76 | 203.60 | 804.50 | -452.86 | -205.78 | 6.13 | 497.22 | 434087.89 | 1740815.85 | 673.00 |
| 1010.58 | 967.60 | 41.06 | 204.80 | 819.73 | -464.48 | -211.09 | 7.57 | 510.18 | 434076.06 | 1740810.53 | 657.77 |
| 1030.58 | 987.60 | 42.06 | 204.60 | 834.69 | -476.53 | -216.64 | 5.04 | 523.45 | 434064.01 | 1740804.99 | 642.81 |
| 1050.58 | 1007.60 | 43.06 | 204.60 | 849.43 | -488.83 | -222.27 | 4.99 | 536.98 | 434051.71 | 1740799.36 | 628.07 |
| 1070.58 | 1027.60 | 44.26 | 205.00 | 863.89 | -501.37 | -228.06 | 6.15 | 550.78 | 434039.18 | 1740793.57 | 613.61 |
| 1090.58 | 1047.60 | 45.26 | 205.00 | 878.10 | -514.13 | -234.01 | 5.00 | 564.86 | 434026.42 | 1740787.61 | 599.40 |
| 1110.58 | 1067.60 | 45.96 | 205.20 | 892.09 | -527.07 | -240.07 | 3.57 | 579.16 | 434013.48 | 1740781.55 | 585.41 |
| 1130.58 | 1087.60 | 46.76 | 204.90 | 905.89 | -540.18 | -246.20 | 4.14 | 593.63 | 434000.36 | 1740775.42 | 571.61 |
| 1150.58 | 1107.60 | 47.56 | 204.20 | 919.49 | -553.52 | -252.29 | 4.75 | 608.29 | 433987.03 | 1740769.33 | 558.01 |
| 1170.58 | 1127.60 | 48.56 | 204.70 | 932.86 | -567.06 | -258.45 | 5.33 | 623.17 | 433973.48 | 1740763.17 | 544.64 |
| 1190.58 | 1147.60 | 49.76 | 204.60 | 945.94 | -580.81 | -264.76 | 6.01 | 638.30 | 433959.73 | 1740756.86 | 531.56 |
| 1210.58 | 1167.60 | 50.56 | 204.20 | 958.75 | -594.80 | -271.11 | 4.28 | 653.65 | 433945.75 | 1740750.52 | 518.75 |
| 1230.58 | 1187.60 | 51.86 | 205.00 | 971.28 | -608.97 | -277.60 | 7.20 | 669.24 | 433931.58 | 1740744.03 | 506.22 |
| 1250.58 | 1207.60 | 52.76 | 204.70 | 983.51 | -623.33 | -284.25 | 4.65 | 685.07 | 433917.22 | 1740737.38 | 493.99 |
| 1270.58 | 1227.60 | 53.86 | 204.80 | 995.46 | -637.89 | -290.96 | 5.51 | 701.10 | 433902.65 | 1740730.67 | 482.04 |
| 1290.58 | 1247.60 | 54.86 | 205.00 | 1007.11 | -652.64 | -297.80 | 5.08 | 717.36 | 433887.91 | 1740723.82 | 470.39 |
| 1310.58 | 1267.60 | 55.66 | 205.40 | 1018.51 | -667.51 | -304.80 | 4.32 | 733.79 | 433873.04 | 1740716.82 | 458.99 |
| 1330.58 | 1287.60 | 56.46 | 205.90 | 1029.68 | -682.46 | -311.98 | 4.50 | 750.38 | 433858.08 | 1740709.64 | 447.82 |
| 1350.58 | 1307.60 | 57.46 | 206.80 | 1040.58 | -697.48 | -319.43 | 6.26 | 767.14 | 433843.06 | 1740702.20 | 436.92 |
| 1370.58 | 1327.60 | 58.56 | 206.70 | 1051.18 | -712.63 | -327.06 | 5.51 | 784.09 | 433827.91 | 1740694.57 | 426.32 |
| 1390.58 | 1347.60 | 59.86 | 206.90 | 1061.42 | -727.97 | -334.81 | 6.55 | 801.26 | 433812.58 | 1740686.82 | 416.08 |
| 1410.58 | 1367.60 | 61.56 | 206.90 | 1071.20 | -743.52 | -342.70 | 8.49 | 818.69 | 433797.02 | 1740678.93 | 406.30 |
| 1430.58 | 1387.60 | 62.96 | 207.00 | 1080.51 | -759.30 | -350.72 | 7.01 | 836.38 | 433781.25 | 1740670.91 | 396.99 |
| 1450.58 | 1407.60 | 64.16 | 207.40 | 1089.42 | -775.23 | -358.91 | 6.26 | 854.28 | 433765.32 | 1740662.72 | 388.08 |
| 1470.58 | 1427.60 | 64.96 | 207.50 | 1098.01 | -791.25 | -367.23 | 4.02 | 872.32 | 433749.29 | 1740654.39 | 379.49 |
| 1490.58 | 1447.60 | 66.06 | 207.20 | 1106.30 | -807.42 | -375.59 | 5.66 | 890.50 | 433733.13 | 1740646.03 | 371.20 |
| 1510.58 | 1467.60 | 67.16 | 207.50 | 1114.24 | -823.72 | -384.03 | 5.66 | 908.84 | 433716.82 | 1740637.60 | 363.26 |

| | | | | | | | | | | | |
|---------|---------|-------|--------|---------|----------|---------|------|---------|-----------|------------|--------|
| 1630.58 | 1487.60 | 68.16 | 207.30 | 1121.85 | -840.14 | -392.54 | 5.08 | 927.32 | 433700.40 | 1740629.09 | 355.65 |
| 1550.58 | 1507.60 | 68.56 | 206.90 | 1129.22 | -856.69 | -401.01 | 2.73 | 945.90 | 433683.85 | 1740620.62 | 348.28 |
| 1670.58 | 1527.60 | 68.96 | 206.80 | 1136.47 | -873.34 | -409.40 | 2.44 | 964.53 | 433667.21 | 1740612.23 | 341.03 |
| 1590.58 | 1547.60 | 69.56 | 206.40 | 1143.55 | -890.08 | -417.74 | 3.14 | 983.22 | 433650.47 | 1740603.88 | 333.95 |
| 1610.58 | 1567.60 | 69.86 | 206.10 | 1150.49 | -906.90 | -426.04 | 2.05 | 1001.98 | 433633.64 | 1740595.59 | 327.01 |
| 1630.58 | 1587.60 | 70.16 | 205.00 | 1157.33 | -923.86 | -434.15 | 5.38 | 1020.77 | 433616.69 | 1740587.48 | 320.17 |
| 1650.58 | 1607.60 | 71.06 | 204.60 | 1163.97 | -940.98 | -442.06 | 4.87 | 1039.64 | 433599.56 | 1740579.57 | 313.53 |
| 1670.58 | 1627.60 | 72.76 | 204.80 | 1170.18 | -958.26 | -450.00 | 8.54 | 1058.65 | 433582.29 | 1740571.62 | 307.32 |
| 1690.58 | 1647.60 | 74.56 | 205.30 | 1175.81 | -975.64 | -458.13 | 9.30 | 1077.84 | 433564.90 | 1740563.50 | 301.69 |
| 1710.58 | 1667.60 | 75.26 | 205.20 | 1181.02 | -993.11 | -466.37 | 3.53 | 1097.15 | 433547.44 | 1740555.26 | 296.48 |
| 1730.58 | 1687.60 | 76.46 | 204.70 | 1185.90 | -1010.69 | -474.55 | 6.46 | 1116.54 | 433529.88 | 1740547.08 | 291.60 |
| 1750.58 | 1707.60 | 77.66 | 204.30 | 1190.38 | -1028.43 | -482.63 | 6.30 | 1136.03 | 433512.12 | 1740539.00 | 287.12 |
| 1770.58 | 1727.60 | 78.66 | 204.30 | 1194.49 | -1046.27 | -490.68 | 4.99 | 1155.60 | 433494.28 | 1740530.94 | 283.01 |
| 1790.58 | 1747.60 | 79.26 | 204.70 | 1198.32 | -1064.13 | -498.82 | 3.58 | 1175.23 | 433476.42 | 1740522.80 | 279.18 |
| 1810.58 | 1767.60 | 79.86 | 204.70 | 1201.94 | -1082.00 | -507.04 | 3.00 | 1194.90 | 433458.55 | 1740514.58 | 275.56 |
| 1830.58 | 1787.60 | 80.46 | 204.70 | 1205.36 | -1099.90 | -515.28 | 3.00 | 1214.61 | 433440.65 | 1740506.35 | 272.14 |
| 1850.58 | 1807.60 | 81.26 | 204.80 | 1208.54 | -1117.83 | -523.54 | 4.03 | 1234.35 | 433422.71 | 1740498.08 | 268.96 |
| 1870.58 | 1827.60 | 82.06 | 205.90 | 1211.44 | -1135.71 | -532.02 | 6.75 | 1254.14 | 433404.83 | 1740489.61 | 266.06 |
| 1890.58 | 1847.60 | 82.56 | 204.80 | 1214.12 | -1153.62 | -540.50 | 5.99 | 1273.96 | 433386.92 | 1740481.12 | 263.38 |
| 1910.58 | 1867.60 | 83.06 | 204.70 | 1216.62 | -1171.64 | -548.81 | 2.55 | 1293.80 | 433368.80 | 1740472.82 | 260.88 |
| 1930.58 | 1887.60 | 83.46 | 204.70 | 1218.97 | -1189.69 | -557.11 | 2.00 | 1313.66 | 433350.86 | 1740464.52 | 258.53 |
| 1950.58 | 1907.60 | 83.26 | 204.50 | 1221.28 | -1207.75 | -565.38 | 1.41 | 1333.53 | 433332.79 | 1740456.25 | 256.22 |
| 1970.58 | 1927.60 | 84.16 | 204.60 | 1223.48 | -1225.83 | -573.64 | 4.52 | 1353.41 | 433314.71 | 1740447.99 | 254.02 |
| 1990.58 | 1947.60 | 85.36 | 204.10 | 1225.30 | -1243.98 | -581.85 | 6.49 | 1373.32 | 433296.57 | 1740439.77 | 252.20 |
| 2010.58 | 1967.60 | 86.06 | 203.90 | 1226.80 | -1262.20 | -589.96 | 3.64 | 1393.26 | 433278.35 | 1740431.66 | 250.70 |
| 2030.58 | 1987.60 | 86.46 | 203.90 | 1228.11 | -1280.44 | -598.05 | 2.00 | 1413.22 | 433260.10 | 1740423.58 | 249.39 |
| 2050.58 | 2007.60 | 86.86 | 203.50 | 1229.27 | -1298.73 | -606.07 | 2.82 | 1433.18 | 433241.82 | 1740415.55 | 248.23 |
| 2070.58 | 2027.60 | 86.66 | 203.10 | 1230.40 | -1317.06 | -613.97 | 2.23 | 1453.14 | 433223.48 | 1740407.65 | 247.10 |
| 2090.58 | 2047.60 | 86.46 | 202.60 | 1231.60 | -1335.46 | -621.72 | 2.89 | 1473.09 | 433205.08 | 1740399.90 | 245.90 |
| 2110.58 | 2067.60 | 85.86 | 202.00 | 1232.95 | -1353.92 | -629.30 | 4.23 | 1493.03 | 433186.62 | 1740392.33 | 244.55 |
| 2130.58 | 2087.60 | 85.86 | 201.60 | 1234.39 | -1372.45 | -636.70 | 1.99 | 1512.94 | 433168.10 | 1740384.92 | 243.11 |
| 2150.58 | 2107.60 | 85.06 | 201.20 | 1235.97 | -1391.01 | -643.98 | 4.46 | 1532.84 | 433149.54 | 1740377.65 | 241.53 |
| 2170.58 | 2127.60 | 85.46 | 200.80 | 1237.63 | -1409.62 | -651.12 | 2.82 | 1552.73 | 433130.93 | 1740370.50 | 239.87 |
| 2190.58 | 2147.60 | 85.86 | 200.60 | 1239.14 | -1428.27 | -658.17 | 2.23 | 1572.62 | 433112.27 | 1740363.45 | 238.36 |
| 2242.65 | 2205.25 | 87.16 | 199.38 | 1242.65 | -1482.34 | -677.84 | 3.09 | 1629.95 | 433058.20 | 1740343.78 | 234.85 |
| 2262.33 | 2224.93 | 88.06 | 199.18 | 1243.48 | -1500.90 | -684.33 | 4.68 | 1649.52 | 433039.64 | 1740337.29 | 234.02 |
| 2282.02 | 2244.62 | 89.36 | 199.98 | 1243.92 | -1519.45 | -690.93 | 7.74 | 1669.12 | 433021.09 | 1740330.69 | 233.58 |

| | | | | | | | | | | | |
|---------|---------|-------|--------|---------|----------|---------|-------|---------|-----------|------------|--------|
| 2301.70 | 2264.30 | 80.46 | 201.18 | 1243.95 | -1637.87 | -697.85 | 8.26 | 1688.74 | 433002.67 | 1740323.78 | 233.55 |
| 2321.39 | 2283.99 | 91.76 | 202.39 | 1243.57 | -1556.15 | -705.15 | 8.98 | 1708.40 | 432984.39 | 1740316.47 | 233.93 |
| 2341.07 | 2303.67 | 92.46 | 204.18 | 1242.85 | -1574.22 | -712.93 | 9.80 | 1728.05 | 432966.33 | 1740308.70 | 234.65 |
| 2360.76 | 2323.36 | 92.16 | 203.48 | 1242.06 | -1592.22 | -720.87 | 3.86 | 1747.73 | 432948.33 | 1740300.75 | 235.44 |
| 2380.44 | 2343.04 | 92.56 | 203.88 | 1241.25 | -1610.23 | -728.77 | 2.87 | 1767.39 | 432930.32 | 1740292.85 | 236.25 |
| 2400.13 | 2362.73 | 93.36 | 204.08 | 1240.23 | -1628.19 | -736.76 | 4.18 | 1787.05 | 432912.36 | 1740284.88 | 237.27 |
| 2419.81 | 2382.41 | 93.46 | 203.58 | 1239.06 | -1646.16 | -744.70 | 2.58 | 1806.69 | 432894.38 | 1740276.92 | 238.44 |
| 2439.50 | 2402.10 | 92.96 | 203.98 | 1237.96 | -1664.15 | -752.63 | 3.25 | 1826.34 | 432876.40 | 1740269.00 | 239.54 |
| 2459.18 | 2421.78 | 90.46 | 204.58 | 1237.37 | -1682.08 | -760.72 | 13.05 | 1846.02 | 432858.46 | 1740260.91 | 240.13 |
| 2478.87 | 2441.47 | 89.36 | 204.78 | 1237.40 | -1699.97 | -768.94 | 5.67 | 1865.70 | 432840.57 | 1740252.69 | 240.10 |
| 2498.55 | 2461.15 | 89.36 | 204.88 | 1237.63 | -1717.83 | -777.20 | 0.51 | 1885.38 | 432822.71 | 1740244.42 | 239.87 |
| 2518.24 | 2480.84 | 88.96 | 204.48 | 1237.91 | -1735.72 | -785.42 | 2.87 | 1905.07 | 432804.83 | 1740236.20 | 239.59 |
| 2537.92 | 2500.52 | 89.16 | 203.48 | 1238.24 | -1753.70 | -793.42 | 5.17 | 1924.75 | 432786.84 | 1740228.20 | 239.26 |
| 2557.61 | 2520.21 | 89.26 | 202.38 | 1238.51 | -1771.83 | -801.09 | 5.60 | 1944.42 | 432768.72 | 1740220.54 | 238.99 |
| 2577.29 | 2539.89 | 89.56 | 201.28 | 1238.71 | -1790.10 | -808.41 | 5.79 | 1964.07 | 432750.44 | 1740213.22 | 238.79 |
| 2596.98 | 2559.58 | 90.96 | 200.68 | 1238.63 | -1808.48 | -815.46 | 7.73 | 1983.71 | 432732.06 | 1740206.17 | 238.87 |
| 2616.66 | 2579.26 | 92.16 | 199.68 | 1238.09 | -1826.95 | -822.25 | 7.93 | 2003.32 | 432713.59 | 1740199.38 | 239.41 |
| 2636.35 | 2598.95 | 92.26 | 199.98 | 1237.33 | -1845.45 | -828.92 | 1.60 | 2022.92 | 432695.09 | 1740192.71 | 240.17 |
| 2656.03 | 2618.63 | 91.66 | 201.38 | 1236.66 | -1863.86 | -835.87 | 7.73 | 2042.54 | 432676.69 | 1740185.78 | 240.84 |
| 2675.72 | 2638.32 | 90.36 | 201.18 | 1236.31 | -1882.20 | -843.01 | 6.68 | 2062.18 | 432658.35 | 1740178.62 | 241.18 |
| 2695.40 | 2658.00 | 89.66 | 200.48 | 1236.31 | -1900.60 | -850.01 | 5.02 | 2081.81 | 432639.95 | 1740171.62 | 241.19 |
| 2715.09 | 2677.69 | 89.86 | 200.88 | 1236.40 | -1919.01 | -856.96 | 2.27 | 2101.44 | 432621.53 | 1740164.66 | 241.10 |
| 2734.77 | 2697.37 | 90.46 | 201.68 | 1236.34 | -1937.36 | -864.09 | 4.68 | 2121.09 | 432603.18 | 1740157.54 | 241.16 |
| 2754.46 | 2717.06 | 90.26 | 202.18 | 1236.22 | -1955.63 | -871.42 | 3.21 | 2140.75 | 432584.92 | 1740150.20 | 241.28 |
| 2774.14 | 2736.74 | 91.86 | 203.08 | 1235.86 | -1973.79 | -879.00 | 9.32 | 2160.41 | 432566.75 | 1740142.63 | 241.64 |
| 2793.83 | 2756.43 | 91.96 | 203.58 | 1235.20 | -1991.86 | -886.79 | 2.59 | 2180.08 | 432548.69 | 1740134.84 | 242.30 |
| 2813.51 | 2776.11 | 91.46 | 203.88 | 1234.61 | -2009.87 | -894.71 | 2.96 | 2199.75 | 432530.67 | 1740126.92 | 242.89 |
| 2833.20 | 2795.80 | 90.86 | 203.98 | 1234.22 | -2027.86 | -902.69 | 3.09 | 2219.43 | 432512.68 | 1740118.94 | 243.28 |
| 2852.88 | 2815.48 | 90.96 | 203.38 | 1233.91 | -2045.89 | -910.60 | 3.09 | 2239.11 | 432494.66 | 1740111.03 | 243.59 |
| 2872.57 | 2835.17 | 90.96 | 203.08 | 1233.58 | -2063.97 | -918.36 | 1.52 | 2258.78 | 432476.57 | 1740103.27 | 243.92 |
| 2892.25 | 2854.85 | 90.86 | 203.58 | 1233.26 | -2082.05 | -926.15 | 2.59 | 2278.46 | 432458.50 | 1740095.47 | 244.24 |
| 2911.94 | 2874.54 | 90.26 | 205.08 | 1233.07 | -2099.98 | -934.26 | 8.20 | 2298.14 | 432440.56 | 1740087.36 | 244.43 |
| 2931.62 | 2894.22 | 89.66 | 206.28 | 1233.09 | -2117.72 | -942.79 | 6.81 | 2317.82 | 432422.82 | 1740078.83 | 244.41 |
| 2951.31 | 2913.91 | 89.36 | 206.68 | 1233.26 | -2135.34 | -951.57 | 2.54 | 2337.50 | 432405.20 | 1740070.08 | 244.24 |
| 2970.99 | 2933.59 | 89.96 | 206.48 | 1233.37 | -2152.94 | -960.38 | 3.21 | 2357.17 | 432387.60 | 1740061.25 | 244.13 |
| 2990.68 | 2953.28 | 89.96 | 206.08 | 1233.39 | -2170.59 | -969.09 | 2.03 | 2376.85 | 432369.95 | 1740052.53 | 244.11 |
| 3010.36 | 2972.96 | 89.96 | 205.68 | 1233.40 | -2188.31 | -977.69 | 2.03 | 2396.53 | 432352.24 | 1740043.94 | 244.10 |

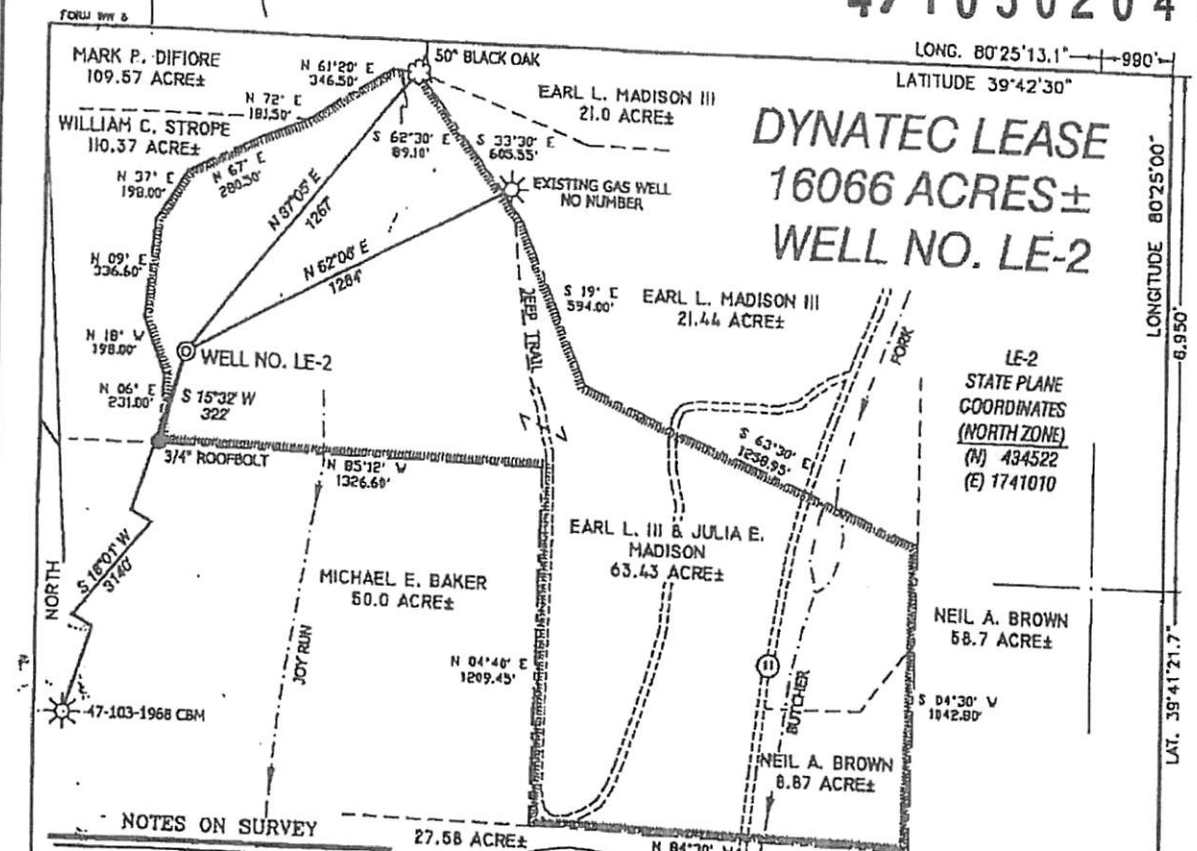
| | | | | | | | | | | | |
|---------|---------|-------|--------|---------|----------|----------|------|---------|-----------|------------|--------|
| 3030.05 | 2992.65 | 90.06 | 205.18 | 1233.40 | -2206.08 | -986.14 | 2.69 | 2416.22 | 432334.46 | 1740035.49 | 244.10 |
| 3049.73 | 3012.33 | 90.86 | 204.78 | 1233.24 | -2223.93 | -994.45 | 4.54 | 2435.90 | 432316.62 | 1740027.17 | 244.26 |
| 3069.42 | 3032.02 | 90.76 | 204.68 | 1232.97 | -2241.80 | -1002.69 | 0.72 | 2455.59 | 432298.74 | 1740018.94 | 244.53 |
| 3089.10 | 3051.70 | 90.66 | 204.58 | 1232.72 | -2259.70 | -1010.89 | 0.72 | 2475.27 | 432280.85 | 1740010.74 | 244.78 |
| 3108.79 | 3071.39 | 90.66 | 204.28 | 1232.50 | -2277.62 | -1019.03 | 1.52 | 2494.95 | 432262.93 | 1740002.60 | 245.00 |
| 3128.47 | 3091.07 | 90.76 | 203.88 | 1232.26 | -2295.59 | -1027.06 | 2.09 | 2514.63 | 432244.96 | 1739994.56 | 245.24 |
| 3148.16 | 3110.76 | 91.16 | 204.28 | 1231.93 | -2313.56 | -1035.09 | 2.87 | 2534.31 | 432226.99 | 1739986.53 | 245.57 |
| 3167.84 | 3130.44 | 91.16 | 204.48 | 1231.53 | -2331.48 | -1043.22 | 1.01 | 2553.99 | 432209.06 | 1739978.41 | 245.97 |
| 3187.53 | 3150.13 | 91.16 | 203.98 | 1231.13 | -2349.43 | -1051.29 | 2.54 | 2573.67 | 432191.11 | 1739970.33 | 246.37 |
| 3207.21 | 3169.81 | 91.46 | 203.58 | 1230.68 | -2367.44 | -1059.23 | 2.54 | 2593.35 | 432173.11 | 1739962.40 | 246.82 |
| 3226.90 | 3189.50 | 91.76 | 203.28 | 1230.13 | -2385.49 | -1067.05 | 2.15 | 2613.02 | 432155.05 | 1739954.57 | 247.37 |
| 3246.58 | 3209.18 | 91.96 | 203.78 | 1229.49 | -2403.53 | -1074.91 | 2.73 | 2632.69 | 432137.01 | 1739946.72 | 248.01 |
| 3266.27 | 3228.87 | 91.16 | 204.08 | 1228.96 | -2421.52 | -1082.89 | 4.34 | 2652.36 | 432119.03 | 1739938.74 | 248.54 |
| 3285.95 | 3248.55 | 90.36 | 204.08 | 1228.70 | -2439.49 | -1090.92 | 4.06 | 2672.05 | 432101.06 | 1739930.70 | 248.80 |
| 3305.64 | 3268.24 | 89.96 | 204.18 | 1228.64 | -2457.45 | -1098.97 | 2.09 | 2691.73 | 432083.09 | 1739922.66 | 248.86 |
| 3325.32 | 3287.92 | 89.86 | 203.98 | 1228.68 | -2475.43 | -1107.00 | 1.13 | 2711.41 | 432065.12 | 1739914.63 | 248.82 |
| 3345.01 | 3307.61 | 90.06 | 203.98 | 1228.69 | -2493.41 | -1115.00 | 1.01 | 2731.09 | 432047.13 | 1739906.63 | 248.81 |
| 3364.69 | 3327.29 | 90.56 | 203.88 | 1228.58 | -2511.40 | -1122.99 | 2.59 | 2750.78 | 432029.14 | 1739898.64 | 248.92 |
| 3384.38 | 3346.98 | 90.16 | 204.28 | 1228.46 | -2529.38 | -1131.02 | 2.87 | 2770.46 | 432011.17 | 1739890.61 | 249.04 |
| 3404.06 | 3366.66 | 89.36 | 204.68 | 1228.55 | -2547.29 | -1139.17 | 4.54 | 2790.14 | 431993.25 | 1739882.45 | 248.95 |
| 3423.75 | 3386.35 | 88.46 | 204.98 | 1228.92 | -2565.15 | -1147.44 | 4.81 | 2809.82 | 431975.39 | 1739874.19 | 248.58 |
| 3443.43 | 3406.03 | 88.06 | 204.98 | 1228.52 | -2582.99 | -1155.75 | 2.03 | 2829.50 | 431957.56 | 1739866.88 | 247.98 |
| 3463.12 | 3425.72 | 88.46 | 204.68 | 1230.12 | -2600.84 | -1164.01 | 2.54 | 2849.18 | 431939.70 | 1739857.62 | 247.38 |
| 3482.80 | 3445.40 | 88.46 | 204.08 | 1230.65 | -2618.77 | -1172.13 | 3.04 | 2868.85 | 431921.78 | 1739849.49 | 246.85 |
| 3502.49 | 3465.09 | 88.46 | 203.98 | 1231.18 | -2636.74 | -1180.15 | 0.51 | 2888.53 | 431903.81 | 1739841.48 | 246.32 |
| 3522.17 | 3484.77 | 88.86 | 203.48 | 1231.64 | -2654.76 | -1188.07 | 3.25 | 2908.20 | 431885.79 | 1739833.56 | 245.86 |
| 3541.86 | 3504.46 | 89.46 | 202.58 | 1231.93 | -2672.87 | -1195.77 | 5.49 | 2927.88 | 431867.68 | 1739825.86 | 245.57 |
| 3561.54 | 3524.14 | 89.76 | 202.08 | 1232.06 | -2691.08 | -1203.24 | 2.96 | 2947.54 | 431849.47 | 1739818.38 | 245.44 |
| 3581.23 | 3543.83 | 89.86 | 201.88 | 1232.13 | -2709.33 | -1210.61 | 1.13 | 2967.20 | 431831.21 | 1739811.01 | 245.37 |
| 3600.91 | 3563.51 | 90.46 | 201.58 | 1232.08 | -2727.62 | -1217.90 | 3.40 | 2986.85 | 431812.93 | 1739803.72 | 245.42 |
| 3620.60 | 3583.20 | 91.06 | 200.88 | 1231.82 | -2745.96 | -1225.03 | 4.68 | 3006.50 | 431794.58 | 1739796.60 | 245.68 |
| 3640.28 | 3602.88 | 91.26 | 200.58 | 1231.42 | -2764.37 | -1231.99 | 1.83 | 3026.13 | 431776.17 | 1739789.63 | 246.08 |
| 3659.97 | 3622.57 | 90.76 | 199.98 | 1231.07 | -2782.83 | -1238.82 | 3.96 | 3045.74 | 431757.71 | 1739782.81 | 246.43 |
| 3679.65 | 3642.25 | 90.66 | 199.98 | 1230.83 | -2801.33 | -1245.54 | 0.51 | 3065.36 | 431739.21 | 1739776.08 | 246.67 |
| 3699.34 | 3661.94 | 88.86 | 200.28 | 1230.91 | -2819.81 | -1252.32 | 9.26 | 3084.97 | 431720.73 | 1739769.31 | 246.59 |
| 3719.02 | 3681.62 | 88.46 | 202.08 | 1231.37 | -2838.16 | -1259.43 | 9.36 | 3104.61 | 431702.38 | 1739762.20 | 246.13 |
| 3738.71 | 3701.31 | 88.76 | 202.58 | 1231.85 | -2856.37 | -1266.90 | 2.96 | 3124.27 | 431684.18 | 1739754.72 | 245.65 |

| | | | | | | | | | | | |
|---------|---------|-------|--------|---------|----------|----------|-------|---------|-----------|------------|--------|
| 3758.39 | 3720.99 | 87.26 | 202.48 | 1232.54 | -2874.54 | -1274.44 | 7.83 | 3143.92 | 431666.01 | 1739747.18 | 244.86 |
| 3778.08 | 3740.68 | 86.66 | 202.58 | 1233.58 | -2892.89 | -1281.97 | 3.09 | 3163.56 | 431647.85 | 1739739.65 | 243.92 |
| 3797.76 | 3760.36 | 87.36 | 202.98 | 1234.61 | -2910.82 | -1289.59 | 4.09 | 3183.21 | 431629.73 | 1739732.04 | 242.89 |
| 3817.45 | 3780.05 | 89.76 | 202.58 | 1235.11 | -2928.96 | -1297.20 | 12.35 | 3202.87 | 431611.58 | 1739724.42 | 242.39 |
| 3837.13 | 3799.73 | 91.76 | 201.88 | 1234.85 | -2947.18 | -1304.65 | 10.75 | 3222.53 | 431593.37 | 1739716.97 | 242.65 |
| 3856.82 | 3819.42 | 91.76 | 201.98 | 1234.24 | -2965.43 | -1312.00 | 0.51 | 3242.18 | 431575.11 | 1739709.63 | 243.26 |
| 3877.12 | 3839.72 | 89.76 | 203.08 | 1233.97 | -2984.18 | -1319.78 | 11.23 | 3262.46 | 431556.36 | 1739701.85 | 243.53 |
| 3897.12 | 3859.72 | 87.96 | 203.78 | 1234.37 | -3002.53 | -1327.73 | 9.65 | 3282.45 | 431538.02 | 1739693.90 | 243.13 |
| 3917.12 | 3879.72 | 87.56 | 204.28 | 1235.15 | -3020.78 | -1335.87 | 3.20 | 3302.44 | 431519.77 | 1739685.76 | 242.35 |
| 3937.12 | 3899.72 | 87.96 | 204.68 | 1235.94 | -3038.97 | -1344.15 | 2.82 | 3322.42 | 431501.58 | 1739677.48 | 241.56 |
| 3957.12 | 3919.72 | 87.56 | 204.48 | 1236.72 | -3057.14 | -1352.46 | 2.23 | 3342.40 | 431483.40 | 1739669.17 | 240.78 |
| 3977.12 | 3939.72 | 87.96 | 202.38 | 1237.50 | -3075.48 | -1360.41 | 10.67 | 3362.38 | 431465.07 | 1739661.22 | 240.00 |
| 3997.12 | 3959.72 | 88.96 | 200.48 | 1238.04 | -3094.09 | -1367.71 | 10.72 | 3382.34 | 431446.46 | 1739653.92 | 239.46 |
| 4017.12 | 3979.72 | 89.46 | 199.08 | 1238.32 | -3112.90 | -1374.48 | 7.42 | 3402.25 | 431427.64 | 1739647.15 | 239.18 |
| 4037.12 | 3999.72 | 89.16 | 199.18 | 1238.56 | -3131.80 | -1381.03 | 1.58 | 3422.15 | 431408.75 | 1739640.59 | 238.94 |
| 4057.12 | 4019.72 | 88.76 | 200.38 | 1238.92 | -3150.61 | -1387.80 | 6.32 | 3442.07 | 431389.93 | 1739633.83 | 238.58 |
| 4077.12 | 4039.72 | 87.76 | 200.88 | 1239.53 | -3169.32 | -1394.84 | 5.58 | 3462.00 | 431371.22 | 1739626.78 | 237.97 |
| 4097.12 | 4059.72 | 88.76 | 200.78 | 1240.14 | -3188.01 | -1401.95 | 5.02 | 3481.94 | 431352.54 | 1739619.67 | 237.36 |
| 4117.12 | 4079.72 | 90.56 | 200.18 | 1240.26 | -3206.74 | -1408.95 | 9.48 | 3501.88 | 431333.80 | 1739612.68 | 237.24 |
| 4137.12 | 4099.72 | 91.16 | 199.38 | 1239.96 | -3225.56 | -1415.72 | 4.99 | 3521.80 | 431314.99 | 1739605.91 | 237.54 |
| 4157.12 | 4119.72 | 91.46 | 198.88 | 1239.50 | -3244.45 | -1422.27 | 2.91 | 3541.69 | 431296.10 | 1739599.38 | 238.00 |
| 4186.57 | 4149.17 | 90.46 | 199.18 | 1239.01 | -3272.29 | -1431.87 | 3.54 | 3570.99 | 431288.26 | 1739593.76 | 238.49 |
| 4206.57 | 4169.17 | 90.06 | 199.08 | 1238.92 | -3291.18 | -1438.42 | 2.06 | 3590.88 | 431249.38 | 1739583.20 | 238.58 |
| 4226.57 | 4189.17 | 90.06 | 198.68 | 1238.90 | -3310.11 | -1444.90 | 2.00 | 3610.77 | 431230.44 | 1739576.73 | 238.60 |
| 4246.57 | 4209.17 | 90.16 | 198.28 | 1238.87 | -3329.07 | -1451.23 | 2.06 | 3630.65 | 431211.47 | 1739570.39 | 238.63 |
| 4266.57 | 4229.17 | 90.16 | 198.28 | 1238.81 | -3348.06 | -1457.51 | 0.00 | 3650.52 | 431192.48 | 1739564.12 | 238.69 |
| 4286.57 | 4249.17 | 90.16 | 199.58 | 1238.76 | -3366.98 | -1464.00 | 6.49 | 3670.41 | 431173.56 | 1739557.63 | 238.74 |
| 4306.57 | 4269.17 | 90.56 | 200.88 | 1238.63 | -3385.75 | -1470.91 | 6.79 | 3690.34 | 431154.80 | 1739550.71 | 238.87 |
| 4326.57 | 4289.17 | 90.76 | 200.98 | 1238.40 | -3404.43 | -1478.06 | 1.12 | 3710.29 | 431136.12 | 1739543.57 | 239.10 |
| 4346.57 | 4309.17 | 90.76 | 201.88 | 1238.14 | -3423.04 | -1485.36 | 4.50 | 3730.25 | 431117.50 | 1739536.26 | 239.36 |
| 4366.57 | 4329.17 | 90.96 | 203.58 | 1237.84 | -3441.49 | -1493.09 | 8.55 | 3750.24 | 431099.06 | 1739528.54 | 239.66 |
| 4386.57 | 4349.17 | 91.06 | 204.38 | 1237.49 | -3459.76 | -1501.22 | 4.03 | 3770.23 | 431080.79 | 1739520.41 | 240.01 |
| 4406.57 | 4369.17 | 90.96 | 204.18 | 1237.14 | -3477.99 | -1509.44 | 1.12 | 3790.23 | 431062.56 | 1739512.19 | 240.36 |
| 4426.57 | 4389.17 | 90.06 | 204.18 | 1236.98 | -3496.23 | -1517.63 | 4.50 | 3810.22 | 431044.32 | 1739503.99 | 240.54 |
| 4446.57 | 4409.17 | 89.36 | 204.18 | 1237.06 | -3514.47 | -1525.82 | 3.50 | 3830.22 | 431026.07 | 1739495.80 | 240.44 |
| 4466.57 | 4429.17 | 89.96 | 204.18 | 1237.18 | -3532.72 | -1534.02 | 3.00 | 3850.22 | 431007.83 | 1739487.61 | 240.32 |
| 4486.57 | 4449.17 | 90.86 | 204.18 | 1237.04 | -3550.96 | -1542.21 | 4.50 | 3870.22 | 430989.58 | 1739479.42 | 240.46 |

| | | | | | | | | | | | |
|---------|---------|-------|--------|---------|----------|----------|-------|---------|-----------|------------|--------|
| 4506.57 | 4469.17 | 91.56 | 203.98 | 1236.62 | -3569.22 | -1550.37 | 3.64 | 3890.21 | 430971.33 | 1739471.26 | 240.88 |
| 4526.57 | 4489.17 | 91.76 | 203.98 | 1236.04 | -3587.49 | -1558.49 | 1.00 | 3910.20 | 430953.06 | 1739463.14 | 241.46 |
| 4546.57 | 4509.17 | 90.26 | 204.18 | 1235.69 | -3605.74 | -1566.65 | 7.56 | 3930.19 | 430934.80 | 1739454.98 | 241.81 |
| 4566.57 | 4529.17 | 90.26 | 204.28 | 1235.60 | -3623.98 | -1574.86 | 0.50 | 3950.19 | 430916.57 | 1739446.77 | 241.90 |
| 4586.57 | 4549.17 | 90.26 | 204.08 | 1235.51 | -3642.22 | -1583.05 | 1.00 | 3970.19 | 430898.32 | 1739438.58 | 241.99 |
| 4606.57 | 4569.17 | 89.86 | 203.38 | 1235.49 | -3660.53 | -1591.10 | 4.03 | 3990.19 | 430880.01 | 1739430.53 | 242.01 |
| 4626.57 | 4589.17 | 89.66 | 202.68 | 1235.57 | -3678.94 | -1598.92 | 3.64 | 4010.17 | 430861.61 | 1739422.70 | 241.93 |
| 4646.57 | 4609.17 | 89.86 | 202.18 | 1235.66 | -3697.43 | -1606.55 | 2.69 | 4030.16 | 430843.12 | 1739415.07 | 241.84 |
| 4666.57 | 4629.17 | 89.96 | 201.48 | 1235.69 | -3715.99 | -1613.99 | 3.53 | 4050.13 | 430824.55 | 1739407.64 | 241.81 |
| 4686.57 | 4649.17 | 90.16 | 200.78 | 1235.67 | -3734.65 | -1621.20 | 3.64 | 4070.08 | 430805.90 | 1739400.43 | 241.83 |
| 4706.57 | 4669.17 | 89.36 | 200.88 | 1235.58 | -3753.34 | -1628.31 | 1.12 | 4090.03 | 430787.21 | 1739393.31 | 241.92 |
| 4726.57 | 4689.17 | 90.66 | 201.18 | 1235.40 | -3772.01 | -1635.49 | 2.12 | 4109.99 | 430768.54 | 1739386.14 | 242.10 |
| 4746.57 | 4709.17 | 91.56 | 200.38 | 1235.02 | -3790.70 | -1642.58 | 6.01 | 4129.93 | 430749.84 | 1739379.04 | 242.48 |
| 4766.57 | 4729.17 | 91.96 | 200.38 | 1234.40 | -3809.44 | -1649.55 | 2.00 | 4149.86 | 430731.11 | 1739372.08 | 243.10 |
| 4786.57 | 4749.17 | 91.26 | 200.18 | 1233.84 | -3828.19 | -1656.47 | 3.64 | 4169.79 | 430712.35 | 1739365.15 | 243.66 |
| 4806.57 | 4769.17 | 90.76 | 199.68 | 1233.49 | -3846.99 | -1663.29 | 3.53 | 4189.71 | 430693.55 | 1739358.33 | 244.01 |
| 4826.57 | 4789.17 | 90.56 | 199.34 | 1233.26 | -3865.84 | -1669.97 | 1.97 | 4209.62 | 430674.70 | 1739351.66 | 244.24 |
| 4846.57 | 4809.17 | 89.56 | 200.04 | 1233.24 | -3884.67 | -1676.71 | 6.10 | 4229.54 | 430655.87 | 1739344.92 | 244.26 |
| 4866.57 | 4829.17 | 89.86 | 201.64 | 1233.34 | -3903.36 | -1683.82 | 8.13 | 4249.49 | 430637.18 | 1739337.80 | 244.16 |
| 4886.57 | 4849.17 | 91.36 | 202.14 | 1233.13 | -3921.92 | -1691.28 | 7.90 | 4269.46 | 430618.63 | 1739330.35 | 244.37 |
| 4906.57 | 4869.17 | 92.96 | 202.54 | 1232.38 | -3940.40 | -1698.88 | 8.24 | 4289.42 | 430600.14 | 1739322.75 | 245.12 |
| 4926.57 | 4889.17 | 92.96 | 203.54 | 1231.35 | -3958.78 | -1706.89 | 4.99 | 4309.39 | 430581.76 | 1739314.93 | 246.15 |
| 4946.57 | 4909.17 | 91.56 | 204.24 | 1230.56 | -3977.06 | -1714.79 | 7.82 | 4329.37 | 430563.49 | 1739306.84 | 246.94 |
| 4966.57 | 4929.17 | 90.76 | 205.44 | 1230.15 | -3995.20 | -1723.19 | 7.20 | 4349.36 | 430545.34 | 1739298.44 | 247.35 |
| 4986.57 | 4949.17 | 90.26 | 207.64 | 1229.98 | -4013.09 | -1732.12 | 11.27 | 4369.35 | 430527.45 | 1739289.50 | 247.52 |
| 5006.57 | 4969.17 | 89.16 | 208.84 | 1230.08 | -4030.71 | -1741.58 | 8.13 | 4389.32 | 430509.83 | 1739280.04 | 247.42 |
| 5026.57 | 4989.17 | 89.06 | 210.64 | 1230.39 | -4048.07 | -1751.50 | 9.00 | 4409.24 | 430492.47 | 1739270.12 | 247.11 |
| 5046.57 | 5009.17 | 88.76 | 212.34 | 1230.77 | -4065.12 | -1761.95 | 8.62 | 4429.10 | 430475.42 | 1739259.68 | 248.73 |
| 5066.57 | 5029.17 | 88.86 | 214.14 | 1231.19 | -4081.85 | -1772.91 | 9.00 | 4448.89 | 430458.70 | 1739248.72 | 246.31 |
| 5086.57 | 5049.17 | 89.36 | 214.84 | 1231.50 | -4098.33 | -1784.23 | 4.30 | 4468.60 | 430442.22 | 1739237.39 | 248.00 |
| 5106.57 | 5069.17 | 90.36 | 214.84 | 1231.55 | -4114.74 | -1795.66 | 4.99 | 4488.30 | 430425.80 | 1739225.97 | 245.95 |
| 5126.57 | 5089.17 | 90.56 | 214.94 | 1231.39 | -4131.15 | -1807.10 | 1.12 | 4508.00 | 430409.40 | 1739214.53 | 246.11 |
| 5146.57 | 5109.17 | 90.66 | 214.84 | 1231.18 | -4147.55 | -1818.54 | 0.71 | 4527.69 | 430392.99 | 1739203.09 | 246.32 |
| 5166.57 | 5129.17 | 90.96 | 214.74 | 1230.90 | -4163.98 | -1829.95 | 1.58 | 4547.40 | 430376.57 | 1739191.68 | 246.60 |
| 5186.57 | 5149.17 | 91.06 | 214.44 | 1230.55 | -4180.44 | -1841.30 | 1.58 | 4567.11 | 430360.11 | 1739180.32 | 246.95 |
| 5206.57 | 5169.17 | 91.36 | 214.34 | 1230.12 | -4196.94 | -1852.60 | 1.58 | 4586.83 | 430343.61 | 1739169.03 | 247.38 |
| 5226.57 | 5189.17 | 91.46 | 214.14 | 1229.63 | -4213.47 | -1863.85 | 1.12 | 4606.56 | 430327.08 | 1739157.78 | 247.87 |

| | | | | | | | | | | | |
|---------|---------|-------|--------|---------|----------|----------|-------|---------|-----------|------------|--------|
| 5246.57 | 5209.17 | 91.66 | 213.84 | 1229.09 | -4230.04 | -1875.02 | 1.80 | 4626.30 | 430310.50 | 1739146.60 | 248.41 |
| 5266.57 | 5229.17 | 91.76 | 213.64 | 1228.49 | -4246.67 | -1886.13 | 1.12 | 4646.05 | 430293.88 | 1739135.50 | 249.01 |
| 5286.57 | 5249.17 | 91.76 | 213.34 | 1227.88 | -4263.34 | -1897.16 | 1.50 | 4665.82 | 430277.21 | 1739124.47 | 249.62 |
| 5306.57 | 5269.17 | 90.96 | 213.44 | 1227.41 | -4280.03 | -1908.16 | 4.03 | 4685.59 | 430260.51 | 1739113.47 | 250.09 |
| 5326.57 | 5289.17 | 90.46 | 213.54 | 1227.16 | -4296.71 | -1919.19 | 2.55 | 4705.36 | 430243.83 | 1739102.43 | 250.34 |
| 5346.57 | 5309.17 | 90.26 | 213.64 | 1227.04 | -4313.37 | -1930.26 | 1.12 | 4725.13 | 430227.17 | 1739091.37 | 250.46 |
| 5366.57 | 5329.17 | 89.76 | 213.94 | 1227.03 | -4329.99 | -1941.38 | 2.91 | 4744.89 | 430210.55 | 1739080.24 | 250.47 |
| 5386.57 | 5349.17 | 89.56 | 214.04 | 1227.15 | -4346.58 | -1952.56 | 1.12 | 4764.64 | 430193.97 | 1739069.06 | 250.35 |
| 5406.57 | 5369.17 | 89.96 | 213.94 | 1227.24 | -4363.16 | -1963.74 | 2.06 | 4784.39 | 430177.39 | 1739057.88 | 250.26 |
| 5426.57 | 5389.17 | 89.56 | 214.14 | 1227.32 | -4379.73 | -1974.94 | 2.23 | 4804.14 | 430160.81 | 1739046.69 | 250.18 |
| 5446.57 | 5409.17 | 87.76 | 214.24 | 1227.79 | -4396.27 | -1986.18 | 9.00 | 4823.87 | 430144.28 | 1739035.45 | 249.71 |
| 5466.57 | 5429.17 | 87.26 | 214.14 | 1228.66 | -4412.80 | -1997.40 | 2.55 | 4843.58 | 430127.75 | 1739024.22 | 248.84 |
| 5486.57 | 5449.17 | 89.06 | 213.74 | 1229.30 | -4429.38 | -2008.56 | 9.21 | 4863.33 | 430111.17 | 1739013.06 | 248.20 |
| 5506.57 | 5469.17 | 91.16 | 213.44 | 1229.27 | -4446.04 | -2019.63 | 10.60 | 4883.09 | 430094.51 | 1739002.00 | 248.23 |
| 5526.57 | 5489.17 | 91.36 | 213.54 | 1228.83 | -4462.71 | -2030.86 | 1.12 | 4902.86 | 430077.83 | 1738990.96 | 248.67 |
| 5546.57 | 5509.17 | 90.36 | 213.24 | 1228.53 | -4479.41 | -2041.67 | 5.21 | 4922.64 | 430061.13 | 1738979.96 | 248.97 |
| 5566.57 | 5529.17 | 89.96 | 212.74 | 1228.47 | -4496.19 | -2052.56 | 3.20 | 4942.44 | 430044.36 | 1738969.07 | 249.03 |
| 5586.57 | 5549.17 | 89.66 | 212.34 | 1228.51 | -4513.05 | -2063.31 | 2.06 | 4962.26 | 430027.50 | 1738958.31 | 248.99 |
| 5606.57 | 5569.17 | 89.76 | 212.04 | 1228.57 | -4529.97 | -2073.97 | 1.58 | 4982.10 | 430010.57 | 1738947.66 | 248.93 |
| 5626.57 | 5589.17 | 89.66 | 212.04 | 1228.68 | -4546.93 | -2084.58 | 0.50 | 5001.95 | 429993.62 | 1738937.05 | 248.82 |
| 5646.57 | 5609.17 | 89.66 | 211.94 | 1228.80 | -4563.89 | -2095.17 | 0.50 | 5021.79 | 429976.66 | 1738926.45 | 248.70 |
| 5666.57 | 5629.17 | 89.56 | 211.44 | 1228.93 | -4580.91 | -2105.68 | 2.55 | 5041.65 | 429959.64 | 1738915.94 | 248.57 |
| 5686.57 | 5649.17 | 90.26 | 212.14 | 1228.96 | -4597.91 | -2116.22 | 4.94 | 5061.51 | 429942.64 | 1738905.41 | 248.54 |
| 5706.57 | 5669.17 | 90.26 | 212.94 | 1228.87 | -4614.77 | -2126.97 | 4.00 | 5081.33 | 429925.78 | 1738894.65 | 248.63 |
| 5726.57 | 5689.17 | 90.16 | 212.64 | 1228.80 | -4631.58 | -2137.81 | 1.58 | 5101.14 | 429908.97 | 1738883.82 | 248.70 |
| 5746.57 | 5709.17 | 90.46 | 211.44 | 1228.70 | -4648.53 | -2148.42 | 6.18 | 5120.98 | 429892.01 | 1738873.21 | 248.80 |
| 5766.57 | 5729.17 | 90.96 | 210.94 | 1228.45 | -4665.64 | -2158.77 | 3.53 | 5140.86 | 429874.91 | 1738862.85 | 249.05 |
| 5786.57 | 5749.17 | 91.76 | 210.34 | 1227.97 | -4682.84 | -2168.96 | 4.99 | 5160.75 | 429857.70 | 1738852.66 | 249.53 |
| 5799.40 | 5762.00 | 91.56 | 209.64 | 1227.80 | -4693.95 | -2175.37 | 5.67 | 5173.53 | 429846.60 | 1738846.25 | 249.90 |
| 5837.38 | 5799.40 | 91.56 | 209.64 | 1226.59 | -4726.44 | -2193.86 | 0.00 | 5210.79 | 429814.10 | 1738827.76 | 250.91 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

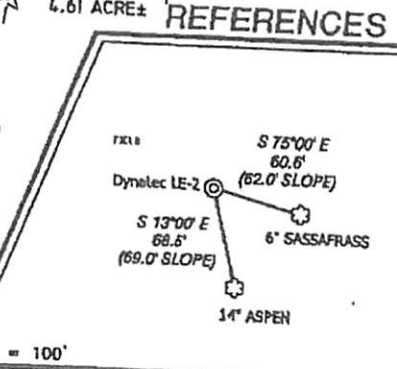
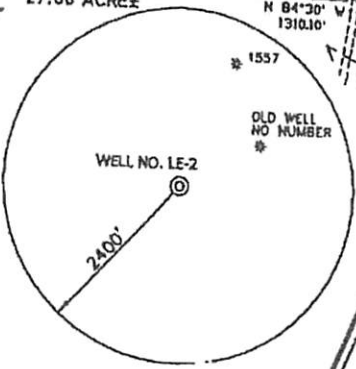
4710302041P



DYNATEC LEASE
16066 ACRES±
WELL NO. LE-2

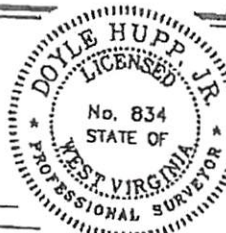
LE-2
 STATE PLANE
 COORDINATES
 (NORTH ZONE)
 (N) 434522
 (E) 1741010

- NOTES ON SURVEY**
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WY NORTH ZONE NAD '27.
 2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 05-13-04.
 3. SURFACE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 387 AT PAGE 260 AND INFORMATION PROVIDED BY DYNATEC ENERGY.
 4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN MAY, 2004 AND INFORMATION PROVIDED BY DYNATEC ENERGY.
 5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



HUPP-Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 734-7035 EMail: surveyor@hupp.com

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 DIVISION OF ENVIRONMENTAL PROTECTION.



P.S. 834 *Doyle Hupp, Jr.*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 20, 20 04
 OPERATORS WELL NO. LE-2
 API WELL NO. 47-103-02041C
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W1268 (BK 23-57)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 50'

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

WELL TYPE: OIL GAS LIQUID WASTE IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1455' WATERSHED JOY RUN OF CHURCH FORK
 DISTRICT CHURCH COUNTY WETZEL

SURFACE OWNER EARL L. III & JULIA E. MADISON QUADRANGLE HUNDRED 7.5'
 ROYALTY OWNER WESTERN POCAHONTAS PROPERTIES, LIMITED PARTNERSHIP LEASE ACREAGE 63.43±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION PITTSBURGH
 ESTIMATED DEPTH 1300'

WELL OPERATOR DYNATEC ENERGY DESIGNATED AGENT ROBERT FURMAN

COUNTY NAME WETZEL PERMIT 02041

06/10/2022

47-103-02041P

Stratigraphy Information:

| API | SUFFIX | FM | FM_QUALITY | DEPTH_TOP | DEPTH_QUALITY | THICKNESS | THICKNESS_QUALITY | ELEV | DATUM |
|------------|----------------|---------------------|-------------|-----------|---------------|-----------|-------------------|------|--------------|
| 4710302041 | Dvtd Orgnl Loc | Waynesburg 'A' coal | Well Record | 1089 | Reasonable | 11 | Reasonable | 1465 | Ground Level |
| 4710302041 | Dvtd Orgnl Loc | Sewickley coal | Well Record | 1510 | Reasonable | 42 | Reasonable | 1465 | Ground Level |
| 4710302041 | Dvtd Orgnl Loc | Redstone coal | Well Record | 1715 | Reasonable | 37 | Reasonable | 1465 | Ground Level |
| 4710302041 | Dvtd Orgnl Loc | Pittsburgh coal | Well Record | 2135 | Reasonable | | Reasonable | 1465 | Ground Level |

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

4710302041P

WW-4A
Revised 6-07

1) Date: March 3, 2022
2) Operator's Well Number
LE-2

3) API Well No.: 47 - 103 - 02041

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A CBM WELL

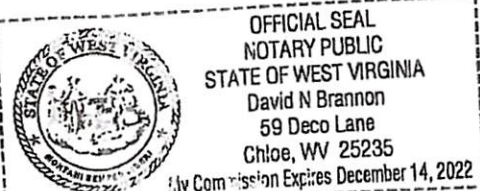
| | |
|---------------------------------------|---|
| 4) Surface Owner(s) to be served: | 5) (a) Coal Operator |
| (a) Name <u>Tyler W Tedrow</u> | Name _____ |
| Address <u>2217 Church Fork Rd</u> | Address _____ |
| <u>Hundred WW 26575</u> | _____ |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>WPP LLC Natural Resource Partners</u> |
| _____ | Address <u>5260 Irwin Rd.</u> |
| (c) Name _____ | <u>Huntington, WV 25727</u> |
| Address _____ | Name _____ |
| _____ | Address _____ |
| 6) Inspector <u>Kenneth Greynolds</u> | (c) Coal Lessee with Declaration |
| Address <u>613 Broad Run Rd.</u> | Name _____ |
| <u>Jane Lew, WV 26378</u> | Address _____ |
| Telephone <u>304-206-6613</u> | _____ |

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

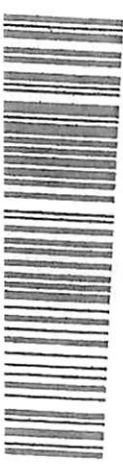
| | |
|--|--|
|  | Well Operator <u>Monument Oil & Gas, LLC</u> |
| | By: <u>[Signature]</u> |
| | Its: <u>Managing Member</u> |
| | Address <u>929 Charleston Road</u> |
| | <u>Spencer, WV 25276</u> |
| Telephone <u>304-927-5033</u> | |

Subscribed and sworn before me this 3rd day of March 2022
David N. Brannon Notary Public
My Commission Expires December 14, 2022

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

06/10/2022



7009 0620 0000 6453 8996

Tyler W. Tedrow
2217 Church Fork Rd.
Hundred, WV 26575

FIRST-CLASS

US POSTAGE
ZIP 25276 \$ 007.73
02 7H MAR 04 2022
0001312240



4710302041

3/4/2022

7009 0820 0000 6453 8996

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com.

OFFICIAL USE

| | |
|--|----|
| Postage | \$ |
| Certified Fee | |
| Return Receipt Fee (Endorsement Required) | |
| Restricted Delivery Fee (Endorsement Required) | |
| Total Postage & Fees | \$ |

Postmark Here

Sent To Tyler W. Tedrow
Street, Apt. No., or PO Box No. 2217 Church Fork Road
City, State, ZIP+4 Hundred, WV 26575

PS Form 3800, August 2006 See Reverse for instructions

7009 0820 0000 6453 8996

CERTIFIED MAILTM RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com.

OFFICIAL USE

| | |
|--|----|
| Postage | \$ |
| Certified Fee | |
| Return Receipt Fee (Endorsement Required) | |
| Restricted Delivery Fee (Endorsement Required) | |
| Total Postage & Fees | \$ |

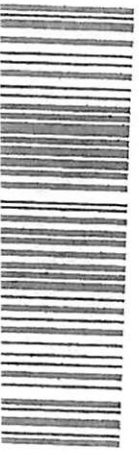
Postmark Here

Sent To Tyler W. Tedrow
Street, Apt. No., or PO Box No. 2217 Church Fork Road
City, State, ZIP+4 Hundred, WV 26575

PS Form 3800, August 2006 See Reverse for instructions

06/10/2022

Spencer, WV 25719



7009 0820 0000 6453 9009

WPP LLC Natural Resource Partners
5260 Irwin Road
Huntington, WV 25727

FIRST-CLASS

US POSTAGE
ZIP 25276 \$ 007.730
02 7H
0001312210 MAR 04 2022

4710302041P

3/4/2022

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com

OFFICIAL USE

| | |
|---|----|
| Postage | \$ |
| Certified Fee | |
| Return Receipt Fee (Endorsement Required) | |
| Restricted Delivery Fee (Endorsement Required) | |
| Total Postage & Fees | \$ |

Postmark Here

Sent To
WPP LLC Natural Resource Partners
Street, Apt. No.,
or PO Box No. 5260 Irwin Road
City, State, ZIP+4
Huntington, WV 25727

PS Form 3800, August 2006 See Reverse for Instructions

7009 0820 0000 6453 9009

CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com

OFFICIAL USE

| | |
|---|----|
| Postage | \$ |
| Certified Fee | |
| Return Receipt Fee (Endorsement Required) | |
| Restricted Delivery Fee (Endorsement Required) | |
| Total Postage & Fees | \$ |

Postmark Here

Sent To
WPP LLC Natural Resource Partners
Street, Apt. No.,
or PO Box No. 5260 Irwin Road
City, State, ZIP+4
Huntington, WV 25727

PS Form 3800, August 2006 See Reverse for Instructions

7009 0820 0000 6453 9009

SURFACE OWNER WAIVER

Operator's Well
Number

LE-2

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

| | | |
|-----------|------------|------------------------|
| _____ | Date _____ | Name _____ |
| Signature | | By _____ |
| | | Its _____ |
| | | _____ |
| | | Date _____ |
| | | Signature _____ |
| | | Date 06/10/2022 |

WW-4B

4710302041P

API No. 47-103-2041
Farm Name Earl & Julia Madison
Well No. LE-2

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its _____

06/10/2022

4710302041P

WW-9
(5/16)

API Number 47 - 103 - 02041
Operator's Well No. LE-2

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Monument Oil & Gas LLC OP Code 494527461

Watershed (HUC 10) Joy Run of Church Fork Quadrangle Hundred

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No use above ground steel pit

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

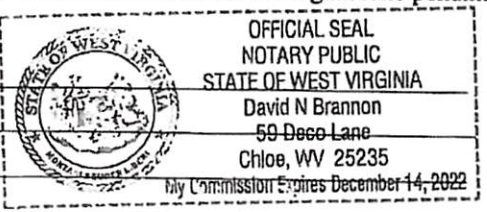
-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]
Company Official (Typed Name) J. Scott Freshwater
Company Official Title Managing Member



Subscribed and sworn before me this 3rd day of March, 2022

David N. Brannon Notary Public

My commission expires December 14, 2022

06/10/2022

4710302041P

Form WW-9

Operator's Well No. LE-2

Proposed Revegetation Treatment: Acres Disturbed .5 Prevegetation pH 5.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type _____

Fertilizer amount 0.25 lbs/acre

Mulch Hay 2 Tons/acre

Seed Mixtures

| Temporary | | Permanent | |
|----------------|----------|---------------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Orchard Grass | 25 | Ladino Clover | 5 |
| Red Top Clover | 15 | KY 31 | 40 |
| | | | |

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Kenneth Greynolds

Digitally signed by Kenneth Greynolds
DN: CN = Kenneth Greynolds, email = kenneth.i.greynolds@v.gov, C = US, O =
W/DEP OU = DMR
Date: 2022.03.04 08:34:57 -0500

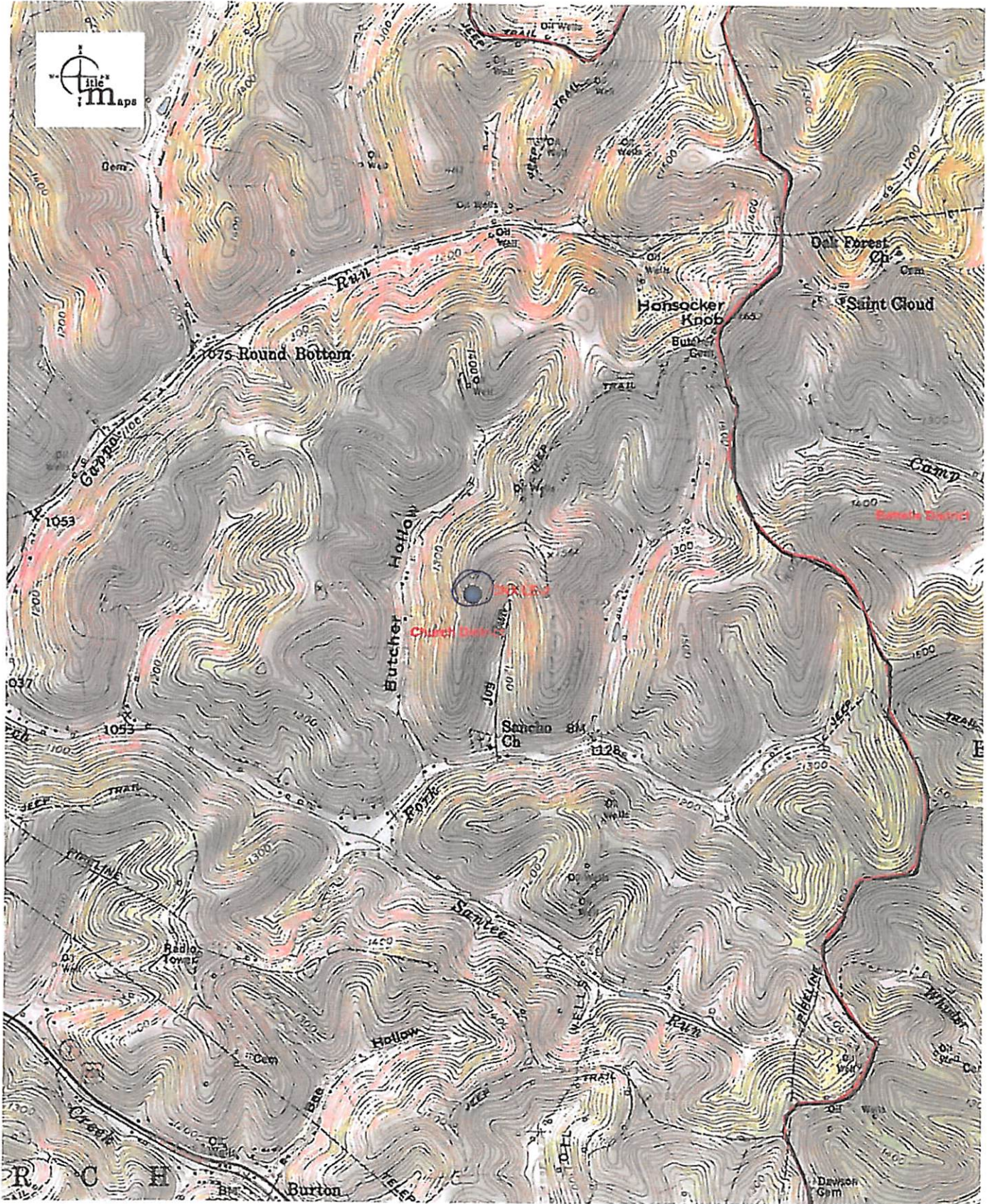
Comments: _____

Title: _____ Date: _____

Field Reviewed? () Yes () No

06/10/2022

CNX LE-2



2000ft

Approximate Scale 1:24,000

03/03/2022 - 10:06:15 AM

Disclaimer: The map information shown is from various sources including but not limited to tax maps and other public web sites. The map information does not represent and should not be relied upon as a land survey or legal depiction of the property or information shown. Title Maps LLC does not warrant the accuracy or correctness of the map information shown hereon.

03/03/2022

47-103-02041 P

Round Bottom



47-103-02041-00-00
549729E, 4393430N, UTM17 NAD83

06/10/2022

4710302041P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-103-02041 WELL NO.: LE-2

FARM NAME: Earl & Julia Madison

RESPONSIBLE PARTY NAME: Monument Oil & Gas LLC

COUNTY: Wetzel DISTRICT: Church

QUADRANGLE: Hundred

SURFACE OWNER: Tyler W. Tedrow

ROYALTY OWNER: Western Pocahontas Properties, LP

UTM GPS NORTHING: 4393430

UTM GPS EASTING: 549729 GPS ELEVATION: 1465'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS ____: Post Processed Differential ____

Real-Time Differential ____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Signature

Land Manager
Title

03/03/22
Date

06/10/2022



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

Plugging Coal Bed Methane Well Work Permit (API: 47-103-02041)

1 message

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

Tue, Jun 7, 2022 at 10:54 AM

To: Doug Douglass <ddouglass@reserveoilandgas.com>, Scott Lemley <slemley@wvassessor.com>, "Greynolds, Kenneth L" <kenneth.l.greynolds@wv.gov>



I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.

47-103-02041 - LE - 2

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

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 **47-103-02041 - Copy.pdf**
5571K **IR-8 Blank.pdf**
237K**06/10/2022**