



Ohio Department of Natural Resources

MIKE DEWINE, GOVERNOR

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Eric Vendel, Chief

Division of Oil and Gas Resources Management
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ORDER BY THE CHIEF

November 1, 2023

ORDER NO. 2023-224

**TO: Ascent Resources – Utica, LLC
3501 NW 63rd Street
Oklahoma City, OK 73116**

**RE: Application for Unitization
Liggett N ATH HR Unit
Harrison County, Ohio**

**SUBJECT: Order for Unit Operations of the Utica shale and Point Pleasant Formation
for the Liggett N ATH HR Unit**

Pursuant to Ohio Revised Code (“R.C.”) § 1509.28, the Chief of the Division of Oil and Gas Resources Management (“Chief” or “Division”) makes the following Findings and issues the following Order with respect to Ascent Resources – Utica, LLC’s (“Ascent”) Application for Unit Operations for the Liggett N ATH HR Unit:

DEFINITIONS:

As used in this order:

- 1) “Person” has the same meaning as in R.C. § 1509.01.
- 2) “Application” means the application of Ascent Resources – Utica, LLC for Unit Operation of the Liggett N ATH HR Unit signed on August 10, 2023, and includes all updates, amendments, and supplements to it.
- 3) “Royalty interest owner” means a person or the estate of a person, other than a working interest owner, who owns the right to or interest in any portion of the oil and/or gas, or proceeds from the sale thereof, from a tract.
- 4) “Working interest” means an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which

- is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense.
- 5) “Working interest owner” means a person or the estate of a person who owns an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense. “Working interest owner” does not include an unleased mineral owner.
 - 6) “Unleased mineral owner” means a royalty interest owner who owns oil and/or gas rights free of a lease or other instrument conveying all or any portion of the working interest in such rights to another. At the time of this order, the unleased mineral owners identified by Ascent include those listed on Exhibit A.
 - 7) “Consenting working interest owner” means any working interest owner who enters into an agreement with Ascent pertaining to the operation of the Liggett N ATH HR Unit.
 - 8) “Non-consenting working interest owner” means a working interest owner who does not enter into an agreement with Ascent pertaining to the operation of the Liggett N ATH HR Unit. At the time of this order, no non-consenting working interest owners have been identified by Ascent.
 - 9) “Gas” has the same meaning as in R.C. § 1509.01.
 - 10) “Oil” has the same meaning as in R.C. § 1509.01.
 - 11) “Unit Area” means all of the lands, oil and gas leases and/or oil and gas interests of the tracts as shown in Exhibit A totaling 412.081 acres located in Cadiz and Athens Townships, Harrison County, Ohio as shown in Exhibit B.
 - 12) “Unit Participation” means the ratio of the surface acreage of a specific tract in the unit area to the total surface acreage of the unit area as that total surface acreage is specified in paragraph one of the Plan for Unit Operations of this order.
 - 13) “Gross Proceeds” means a share of the gross production of oil, gas, condensate, and natural gas liquids free of any and all cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, marketing, or pipeline construction and maintenance.
 - 14) “Net Proceeds” means the share of gross production of oil, gas, condensate, or natural gas liquids after payment of all costs of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and marketing and taxes.

BACKGROUND:

- 1) Ascent filed the application pursuant to R.C. § 1509.28 to conduct unit operations.
- 2) Pursuant to R.C. § 1509.28, the Division held a hearing on October 4, 2023. The hearing was held to consider the need for the operation as a unit of an entire pool or part thereof. Ascent representatives provided testimony on the application and answered questions from Division staff.
- 3) The unit operations will occur at an approximate true vertical depth located from the top of the Utica shale to the base of the Point Pleasant Formation.

FINDINGS:

- 1) Based on the application and testimony by Ascent’s representatives, the Chief finds that Ascent has established that it is the “owner,” as that term is defined in R.C. § 1509.01(K), of greater than 65% of the land area overlying the pool in the Liggett N ATH HR Unit as required by R.C. § 1509.28(A).
- 2) Based on the application and testimony by Ascent’s representatives, the Chief finds that the operation of the Liggett N ATH HR Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas.
- 3) Based on the application and testimony by Ascent’s representatives, the Chief finds the value of the estimated additional recovery of oil or gas from the Liggett N ATH HR Unit exceeds the estimated additional cost incident to conducting the operation of the Liggett N ATH HR Unit.

ORDER:

IT IS HEREBY ORDERED:

Pursuant to R.C. § 1509.28, Ascent is authorized to conduct operations within the Liggett N ATH HR Unit in accordance with all of the following:

Plan for Unit Operations

- 1) The unit area is comprised of the tracts totaling 412.081 acres located in Cadiz and Athens Townships, Harrison County, Ohio as shown in Exhibit B.
- 2) Ascent proposes to drill one well in the Liggett N ATH HR Unit for the purpose of recovering oil and gas. Ascent shall drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of this Order as prescribed in Paragraph 10 of this order. If Ascent fails to drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of this Order as prescribed in Paragraph 10 of this order, the

Chief may revoke this order. In order to achieve the stated goal of substantially increasing the ultimate recovery of oil and gas from the Utica shale and Point Pleasant Formation within the unit area, Ascent shall produce from one well no later than two years after the date of approval of this order. If Ascent fails to drill, complete, and produce at least one well in the unit area, the Chief may amend or revoke this order. Any additional wells permitted by the Chief for the Utica shale and Point Pleasant Formation in the unit area are subject to this order.

- 3) Information from Ascent for the Liggett N ATH HR Unit establishes that the Utica shale and Point Pleasant Formation uniformly underlies the unit area. Therefore, the allocated share of production to each tract shall be equal to that tract's unit participation.
- 4) Except as provided in Paragraph 9(d) of this order, all charges and credits made for investments in wells, tanks, pumps, machinery, materials, and equipment contributed to the Liggett N ATH HR unit operations shall be allocated among the working interest owners of each tract based on the unit participation. The proportionate share of the expenses attributable to tracts of the unleased mineral owners shall be allocated to Ascent and the working interest owners.
- 5) All unit operation expenses, including capital investment, shall be charged to, and paid by, Ascent and working interest owners in amounts based on the unit participation plus their proportionate share of the expenses attributable to the tracts of unleased mineral owners. All unit operation expenses concerning wells and operating equipment shall be just and reasonable.
- 6) If necessary, Ascent and the consenting working interest owners shall carry, or otherwise finance, any non-consenting working interest owners who are unable to meet their financial obligations in connection with the unit operations. Ascent and all other consenting working interest owners' reasonable interest charge for carrying or financing the non-consenting working interest owners shall be determined by the terms of Ascent's Unit Agreement and Model Form Operating Agreement for the Liggett N ATH HR Unit. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.
- 7) Ascent shall supervise and conduct all unit operations. Each working interest owner shall have a voting interest equal to its Unit Participation. Approval of unit operations shall be subject to the terms of Ascent's Unit Agreement and Model Form Operating Agreement for the Liggett N ATH HR Unit.

- 8) Unit operations may commence as of 7:00 a.m. on the day following the date of approval of this order as prescribed in Paragraph 10 of this order. Once the initial well is placed into production, operations within the Liggett N ATH HR Unit may continue as long as hydrocarbons are produced from any well in the unit area without a cessation of more than 90 days, unless otherwise approved by the Chief in writing. The Liggett N ATH HR Unit may be terminated if working interest owners owning at least 51% of the working interest in the unit area determine that the unit operations are no longer warranted. If the unit operations are so terminated, Ascent shall provide written notice of the termination to the Division and to all unleased mineral owners. In addition to the notice of termination, Ascent shall provide an affidavit to the Division attesting to the basis of the termination and all dates applicable to that basis. If termination of unit operations occurs prior to drilling and completing for production of one well in the Liggett N ATH HR Unit, the Chief may amend this order.
- 9) The following additional provisions are found to be appropriate:
 - a) No activity associated with the drilling, completion, or operation of the Liggett N ATH HR Unit shall be conducted on the surface of any unleased property without the prior written consent of the owner of the surface rights of the unleased property.
 - b) Unleased mineral owners shall not incur liability for any personal or property damage associated with any drilling, testing, completing, producing, operating, or plugging and restoration activities within the Liggett N ATH HR Unit.
 - c) Each unleased mineral owner shall receive a monthly cash payment equal to a one-eighth share of the gross proceeds from production. Allocation of the one-eighth share shall be based on the unit participation of each unleased mineral owner's tract. Ascent shall make monthly cash payments to all unleased mineral owners at the same time the royalty interest owners are paid.
 - d) In addition to the cash payment specified in paragraph 9(c) of this Order, each unleased mineral owner shall receive a monthly cash payment equal to a seven-eighths share of the net proceeds from production. Allocation of the seven-eighths share shall be based on the unit participation of each unleased mineral owner's tract. After Ascent recovers 200% of the cost of drilling, testing, and completing the initial well, Ascent shall begin making the monthly payments to the unleased mineral owners for that well. For each additional well drilled in the unit area, Ascent shall begin making monthly payments equal to seven-eighths share of net proceeds from production to each unleased mineral owner once the working interest owners have recovered 150% of the cost of drilling, testing, and completing each additional well. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.

- e) Nothing in this order prohibits an unleased mineral owner from entering into a lease agreement with Ascent or with any other person. An unleased mineral owner who enters into a lease of their mineral interests with any person after the issuance of this order is no longer an unleased mineral owner under this order as of the effective date of the lease. Ascent shall notify the Division upon the execution of a lease agreement with any unleased mineral owner who is subject to this order.
- f) Except as provided in Paragraph 9(d) of this order, no expenses shall be paid by an unleased mineral owner for drilling, testing, completing, producing, or operating any well in the unit area. Moreover, unleased mineral owners are not responsible for any costs related to plugging any well or any restoration in the unit area.
- g) If requested in writing by any unleased mineral owner or by any non-consenting working interest owner, or in any manner by the Division, Ascent shall provide, not later than 30 days after the request, any of the following:
 - i. A monthly statement of all costs incurred, together with the quantity of oil and gas produced, and the amount of proceeds realized from the sale of production during the preceding month; and
 - ii. Any authorization for expenditure (AFE) prepared by Ascent; and
 - iii. A statement of all costs and expenses for purposes of Paragraphs 6 and 9(d) of this order.
- h) Ascent shall notify the Division of the assignment or transfer of any of its working interest in the Liggett N ATH HR Unit. If Ascent assigns or transfers any of its working interest, the assignee or transferee shall comply with this order. Within 60 days of the notice of assignment or transfer, Ascent shall file a copy of the notice with each applicable county recorder's office in the records of each of the tracts that are subject to this order and referenced in Exhibit B of this order. Ascent shall submit a certification of the filing to the Division within 14 days of filing.
- i) Ascent shall notify the Division within 30 days if a person that is leased by Ascent, or any other consenting working interest owner, for purposes of operating the Liggett N ATH HR Unit becomes unleased. If a person becomes unleased, the person is an unleased owner under this order and paragraphs 9(a) through 9(g) of this order apply.

- j) Ascent shall notify the Division if any consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent pertaining to the operation of the Liggett N ATH HR Unit. If a consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent, the working interest owner becomes a non-consenting working interest owner pursuant to this order. Ascent also shall notify the Division if any consenting working interest owner assigns or transfers all or part of its working interest in the Liggett N ATH HR Unit. All such assignees or transferees are subject to this order.
 - k) Ascent shall notify the Division if any non-consenting working interest owner enters into an agreement with Ascent pertaining to the operation of the Liggett N ATH HR Unit. If a non-consenting working interest owner enters into an agreement with Ascent, the non-consenting working interest owner becomes a consenting working interest owner pursuant to this order.
 - l) If at any point Ascent and consenting working interest owners own less than 65% of the unit, the Chief may amend or revoke this order.
- 10) This order becomes effective on the date Ascent provides the Chief with final written approval of the unit operations as prescribed in this order by Ascent and consenting working interest owners, and also by the royalty interest owners or, with respect to unleased acreage, unleased mineral owners of 65% of the acreage to be included in the unit. Unit operations may commence as set forth in Paragraph 8 of this Order. If Ascent fails to provide all required approvals by May 1, 2024, the order is revoked, and the Chief shall provide notice of the revocation to Ascent and to all persons listed in Exhibit A to this order.
 - 11) If this Chief's Order is appealed, the time periods specified in this order are tolled pending final determination of the appeal.
 - 12) Within 21 days of this order becoming effective, Ascent shall file a copy of this order with each applicable county recorder's office in the records of each of the tracts that are subject to this order and referenced in Exhibit B of this order. Ascent shall submit a certification of the filing to the Division within 14 days of filing. The certification shall include a reference to the volume and page number corresponding to each record where the Chief's Order is recorded.
 - 13) The Chief of the Division retains continuing jurisdiction over the Liggett N ATH HR Unit as is consistent with the Chief's powers and duties as established by R.C. Chapter 1509 and Ohio Admin. Code 1501:9. The Chief reserves the right to amend or revoke this Order subsequent to the commencement of unit operations within the unit area.
 - 14) Except as specifically set forth in the terms of this order, nothing herein shall be construed as a release or waiver of any private right, obligation, duty, claim, or cause of action.

- 15) If there is a conflict between the terms of this Chief’s Order and any part of Ascent’s application, the Chief’s Order takes precedence.

November 1, 2023

Eric Vendel

Date

/s/

Eric Vendel, Chief
Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and effective and may be appealed pursuant to Section 1509.36 of the Ohio Revised Code. If the Order is appealed to the Ohio Oil and Gas Commission, the appeal must be in writing and must set forth the Orders complained of and the grounds upon which the appeal is based. Such appeal must be filed with the Oil and Gas Commission, 2045 Morse Road, Building E-1, Office 103, Columbus, Ohio 43229-6693, within 30 days after the date upon which the person to whom the Order was issued received the order and, for all other persons adversely affected by the order, within 30 days after the date of the Order.

In addition, within three days after the appeal is filed with the Oil and Gas Commission, notice of the filing must be submitted to Eric Vendel, Chief, Division of Oil and Gas Resources Management, Ohio Department of Natural Resources, 2045 Morse Road, Building F, Columbus, Ohio 43229-6693.

Enclosures: Exhibit A
Exhibit B

Liggett N ATH HR Unit Chief's Order Exhibit A

Exhibit A All Mineral Owners in the proposed Liggett N ATH HR Unit.															Changes		
Tract Number	Lease ID Number (optional)	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County	Consenting Working Interest Percentage	Applicant Working Interest Percentage	RHDK Working Interest Percentage	Transcendent Working Interest Percentage	Address		City	State
1	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	0.091	0.022%	02-0000184.001	Athens	Harrison	0.022%	0.022%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
2	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	0.019	0.005%	02-0000059.001	Athens	Harrison	0.005%	0.005%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
3	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	2.822	0.685%	02-0000433.000	Athens	Harrison	0.685%	0.685%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
4	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	0.252	0.061%	02-0000058.001	Athens	Harrison	0.061%	0.061%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
5	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	0.015	0.004%	04-0000145.001	Athens	Harrison	0.004%	0.004%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
6a	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	8.496	2.062%	04-0000575.000	Cadiz	Harrison	2.062%	2.062%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
6b	UTC026099001	Kathy Reppart	Yes	0.250	0.009	0.002%	04-0000575.000	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	14192 Perfect Road	Sunbury	OH	43074
6b	UTC030709001	Karr R. McCoy	Yes	0.125	0.005	0.001%	04-0000575.000	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	60 Central Avenue	Westerville	OH	43081
6b	UTC030738001	Keith S. Bennett	Yes	0.125	0.005	0.001%	04-0000575.000	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	1325 Jetty Knot Trail	Wilde	TX	75098
6b	UTC025870001	Michael K. Ballard	Yes	0.250	0.009	0.002%	04-0000575.000	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	14471 N. Old 3C Road	Sunbury	OH	43074
6b	UTC025750001	James Caudill	Yes	0.250	0.009	0.002%	04-0000575.000	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	14290 Perfect Road	Sunbury	OH	43074
7	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	8.730	2.119%	02-0000184.000	Athens	Harrison	2.119%	2.119%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
8a	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	0.950	21.044	5.107%	04-0000023.000	Cadiz	Harrison	5.107%	5.107%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
8a	UTC028174001	Muskingum University, an Ohio Non-Profit Attn: Susan S. Hassler, President	Yes	0.050	1.108	0.269%	04-0000023.000	Cadiz	Harrison	0.269%	0.269%	0.000%	0.000%	PO Box 1837	New Concord	OH	43762
8b	TRANSCENDENT	Golden Eagle Resources II-C, LLC Attn: Cori Willett	Yes	1.000	0.252	0.061%	04-0000023.000	Cadiz	Harrison	0.061%	0.000%	0.000%	0.061%	1401 McKinney Street, Suite 900	Houston	TX	77010
9	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	0.950	3.153	0.765%	04-0000462.000	Cadiz	Harrison	0.765%	0.765%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
9	UTC028174001	Muskingum University, an Ohio Non-Profit Attn: Susan S. Hassler, President	Yes	0.050	0.166	0.040%	04-0000462.000	Cadiz	Harrison	0.040%	0.040%	0.000%	0.000%	PO Box 1837	New Concord	OH	43762
10	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	0.950	0.739	0.179%	04-0000022.002	Cadiz	Harrison	0.179%	0.179%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
10	UTC028174001	Muskingum University, an Ohio Non-Profit Attn: Susan S. Hassler, President	Yes	0.050	0.039	0.009%	04-0000022.002	Cadiz	Harrison	0.009%	0.009%	0.000%	0.000%	PO Box 1837	New Concord	OH	43762
11	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	0.950	16.263	3.947%	04-0000020.001	Cadiz	Harrison	3.947%	3.947%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
11	UTC028174001	Muskingum University, an Ohio Non-Profit Attn: Susan S. Hassler, President	Yes	0.050	0.856	0.208%	04-0000020.001	Cadiz	Harrison	0.208%	0.208%	0.000%	0.000%	PO Box 1837	New Concord	OH	43762
12	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	0.950	0.539	0.131%	04-0000020.003	Cadiz	Harrison	0.131%	0.131%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
12	UTC028174001	Muskingum University, an Ohio Non-Profit Attn: Susan S. Hassler, President	Yes	0.050	0.028	0.007%	04-0000020.003	Cadiz	Harrison	0.007%	0.007%	0.000%	0.000%	PO Box 1837	New Concord	OH	43762
13	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	0.950	39.516	9.589%	04-0000020.000	Cadiz	Harrison	9.589%	9.589%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
13	UTC028174001	Muskingum University, an Ohio Non-Profit Attn: Susan S. Hassler, President	Yes	0.050	2.080	0.505%	04-0000020.000	Cadiz	Harrison	0.505%	0.505%	0.000%	0.000%	PO Box 1837	New Concord	OH	43762
14	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	2.849	0.691%	04-0000021.002	Cadiz	Harrison	0.691%	0.691%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
15	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	22.535	5.469%	04-0000021.000	Cadiz	Harrison	5.469%	5.469%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
16	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	0.068	0.017%	04-0000021.001	Cadiz	Harrison	0.017%	0.017%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
17	UTC019125000	Harrison County Airport Authority Attn: David Hamilton	Yes	1.000	0.358	0.087%	05-0001880.012	Cadiz	Harrison	0.087%	0.087%	0.000%	0.000%	43000 Airport Road	Cadiz	OH	43907
18	UTC033308001	Board of Commissioners of Harrison County Attn: Don Bethel, Amy Norris, & Paul Coffland	Yes	1.000	5.032	1.221%	05-0002335.000	Cadiz	Harrison	1.221%	1.221%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907
19	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	4.609	1.118%	04-0000026.000	Cadiz	Harrison	1.118%	1.118%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
20a	UTC033308001	The Board of Commissioners of Harrison County, Ohio Attn: Don Bethel, Amy Norris, & Paul Coffland	Yes	1.000	23.835	5.784%	05-0001159.000	Cadiz	Harrison	5.784%	5.784%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907
20b	UTC023428000	Joyce M. Tirella, Trustee of the Tirella Family Trust, dated June 10, 2004 Attn: Joyce M. Tirella, Trustee	Yes	1.000	8.739	2.121%	05-0001159.000	Cadiz	Harrison	2.121%	2.121%	0.000%	0.000%	3387 Hidden Pond Drive	Ferndale	WA	98248
21	UTC019129000	Harrison Elite Holdings, LLC Attn: Mario Piergallini	Yes	1.000	3.217	0.781%	05-0001159.002	Cadiz	Harrison	0.781%	0.781%	0.000%	0.000%	40630 Jewett-Scio Road	Jewett	OH	43986
22	UTC019129000	Harrison Elite Holdings, LLC Attn: Mario Piergallini	Yes	1.000	10.212	2.478%	05-0002333.001	Cadiz	Harrison	2.478%	2.478%	0.000%	0.000%	40630 Jewett-Scio Road	Jewett	OH	43986
23	UTC033308001	Harrison County Board of County Commissioners Attn: Don Bethel, Amy Norris, & Paul Coffland	Yes	1.000	0.991	0.240%	05-0001159.003	Cadiz	Harrison	0.240%	0.240%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907
24	UNLEASED	State of Ohio, Department of Transportation, in the name of and for use of Harrison County Board of County Commissioners Attn: Tyler Prose	No	1.000	1.318	0.320%	05-0001159.004	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	1980 W. Broad Street	Columbus	OH	43223
25a	UTC033190001	Peak Acquisition Partners, LLC Attn: Lewis Dean Burke, Member	Yes	1.000	0.117	0.028%	05-0002333.002	Cadiz	Harrison	0.028%	0.028%	0.000%	0.000%	P.O. Box 485	Martins Ferry	OH	43935
25b	UTC023428000	Joyce M. Tirella, Trustee of the Tirella Family Trust, dated June 10, 2004 Attn: Joyce M. Tirella, Trustee	Yes	1.000	0.121	0.029%	05-0002333.002	Cadiz	Harrison	0.029%	0.029%	0.000%	0.000%	3387 Hidden Pond Drive	Ferndale	WA	98248
26	UTC023428000	Joyce M. Tirella, Trustee of the Tirella Family Trust, dated June 10, 2004 Attn: Joyce M. Tirella, Trustee	Yes	1.000	1.833	0.445%	05-0001159.007	Cadiz	Harrison	0.445%	0.445%	0.000%	0.000%	3387 Hidden Pond Drive	Ferndale	WA	98248

27a	UTC023428000	Joyce M. Tirella, Trustee of the Tirella Family Trust, dated June 10, 2004 Attn: Joyce M. Tirella, Trustee	Yes	1.000	0.468	0.114%	05-0001159.001	Cadiz	Harrison	0.114%	0.114%	0.000%	0.000%	3387 Hidden Pond Drive	Ferndale	WA	98248	
27b	UTC033308001	The Board of Commissioners of Harrison County, Ohio Attn: Don Bethel, Amy Norris, & Paul Coffland	Yes	1.000	0.076	0.018%	05-0001159.001	Cadiz	Harrison	0.018%	0.018%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907	
28	UTC032964000	Debra R. Edwards	Yes	1.000	2.736	0.664%	05-0002185.004	Cadiz	Harrison	0.664%	0.664%	0.000%	0.000%	325 Saint Clair Avenue	Cadiz	OH	43907	
29	UTC034078001	Master Mineral Holdings I, L.P. Attn: Mike Mataya	Yes	0.705	0.460	0.112%	05-0002185.005	Cadiz	Harrison	0.112%	0.112%	0.000%	0.000%	223 W. Wall Street, 9th Floor	Midland	TX	79701	Lease ID assigned
29	UTC028250001	Kevin A. Best and Tammy Best, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.295	0.193	0.047%	05-0002185.005	Cadiz	Harrison	0.047%	0.047%	0.000%	0.000%	1000 Oak Park Road	Cadiz	OH	43907	
30	UTC019049000	Michael P. Bledsoe	Yes	0.500	6.099	1.480%	05-0002185.006	Cadiz	Harrison	1.480%	1.480%	0.000%	0.000%	4833 Stoner Ave	Louisville	OH	44641	
30	UTC019050000	Barry Barbera	Yes	0.500	6.099	1.480%	05-0002185.006	Cadiz	Harrison	1.480%	1.480%	0.000%	0.000%	171 Schneiderman Lane	Akron	OH	44319	
31	UTC033451001	William H. Leed and Peggy L. Leed, husband and wife as joint tenants with rights of survivorship	Yes	0.500	1.105	0.268%	05-0002185.007	Cadiz	Harrison	0.268%	0.268%	0.000%	0.000%	2203 Beechmoor Drive NW	North Canton	OH	44720	
31	UTC033445001	Mark A. Graber	Yes	0.500	1.105	0.268%	05-0002185.007	Cadiz	Harrison	0.268%	0.268%	0.000%	0.000%	507 Oak Park Road	Cadiz	OH	43907	
32a	UTC033308001	The Board of Commissioners of Harrison County Attn: Don Bethel, Amy Norris, & Paul Coffland	Yes	1.000	1.884	0.457%	05-0002039.014	Cadiz	Harrison	0.457%	0.457%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907	
32b	UTC030619001	Charles W. Rinkes Jr.	Yes	0.015	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	48900 Cadiz Harrisville Road	Cadiz	OH	43907	
32b	UTC030431001	Stacey Lynn McFadden	Yes	0.007	0.001	0.0002%	05-0002039.014	Cadiz	Harrison	0.0002%	0.0002%	0.000%	0.000%	1622 3rd Ave. N. Apt. 107	Great Falls	MT	59401	
32b	UTC030467001	Lorine A. Irving aka Lorine A. McFadden	Yes	0.007	0.001	0.0002%	05-0002039.014	Cadiz	Harrison	0.0002%	0.0002%	0.000%	0.000%	PO Box 74	Spanaway	WA	98387	
32b	UNLEASED	Mark D. McCutchan	No	0.001	0.0002	0.00004%	05-0002039.014	Cadiz	Harrison	0.0000%	0.0000%	0.000%	0.000%	343 Morningside Road	Venice	FL	34293	
32b	UTC030471001	Michael William McCutchan	Yes	0.001	0.0002	0.00004%	05-0002039.014	Cadiz	Harrison	0.00004%	0.00004%	0.000%	0.000%	PO Box 130	Cocolalla	ID	83813	
32b	UTC032722001	Laura Ann Evans	Yes	0.001	0.0002	0.00004%	05-0002039.014	Cadiz	Harrison	0.00004%	0.00004%	0.000%	0.000%	309 E. 39th Street, TRLR 10	Boise	ID	83714	
32b	UTC030076001	Penny S. Vaughn	Yes	0.001	0.0002	0.00004%	05-0002039.014	Cadiz	Harrison	0.00004%	0.00004%	0.000%	0.000%	413 Dunn Street	Coos Bay	OR	97420	
32b	UNLEASED	Leslie J. Gordon	No	0.001	0.0002	0.00004%	05-0002039.014	Cadiz	Harrison	0.0000%	0.0000%	0.000%	0.000%	129 Cupola Loop	Poinciana	FL	34759	
32b	UTC030846001	Martha Louise McFadden aka Martha M. Qunby	Yes	0.021	0.003	0.001%	05-0002039.014	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	461 3rd Street	Washington	PA	15301	
32b	UTC030764001	George William McFadden	Yes	0.021	0.003	0.001%	05-0002039.014	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	14746 NE Flanders Street	Portland	OR	97230	
32b	UTC031740001	Joyce M. Tirella	Yes	0.096	0.012	0.003%	05-0002039.014	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	3387 Hidden Pond Drive	Ferndale	WA	98248	
32b	UTC032613001	David R. Eblen and Kathleen Eblen Beers, Co-Trustees of the Charlene M. Eblen, Revocable Trust Agreement dated October 17, 2000 Attn: David R. Eblen and Kathleen Eblen Beers, Co-Trustees	Yes	0.204	0.026	0.006%	05-0002039.014	Cadiz	Harrison	0.006%	0.006%	0.000%	0.000%	421 Alafaya Woods Blvd. Apt. B	Oviedo	FL	32765	
32b	UTC029842001	Lori L. Fox	Yes	0.093	0.012	0.003%	05-0002039.014	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	835 Seabrights Lane	Martins Ferry	OH	43935	
32b	UTC030101001	Thomas C. Bolon	Yes	0.088	0.011	0.003%	05-0002039.014	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	234 Forestwood Drive	Northfield	OH	44067	
32b	UTC030104001	Laura A. Schaffler	Yes	0.088	0.011	0.003%	05-0002039.014	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	PO Box 665	Beach City	OH	44608	
32b	UTC030628001	Carolynn McFadden Anderson	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	627 Rose Street	Bristol	TN	37620	
32b	UTC030469001	Nancy J. French	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	962 Shady Lane	Beavercreek Township	OH	45434	
32b	UTC030466001	Judith A. McFadden Harrison	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	483 Redbud Lane	Xenia	OH	45385	
32b	UTC030074001	Bernice S. McFadden	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	514 High Street	Waynesville	OH	45068	
32b	UTC030072001	Jeffrey D. McFadden	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	314 Longman Road	Eaton	OH	45320	
32b	UTC030095001	Philip A. McFadden	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	368 Nutt Road	Dayton	OH	45458	
32b	UTC030162001	Marilyn Littleton	Yes	0.016	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	485 North Street Apt.103	Barnesville	OH	43713	
32b	UTC030163001	Elaine K. Gregg	Yes	0.016	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	319 Springbrook Dr. SW	New Philadelphia	OH	44663	
32b	UTC030113001	Patricia A. Grove	Yes	0.016	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	113 Scarborough Village Dr.	Dayton	OH	45458	
32b	UTC030862001	James B. Adams II	Yes	0.006	0.001	0.0002%	05-0002039.014	Cadiz	Harrison	0.0002%	0.0002%	0.000%	0.000%	1260 16th St NE	Naples	FL	34120	
32b	UTC030140001	Fran Alicia Adams	Yes	0.006	0.001	0.0002%	05-0002039.014	Cadiz	Harrison	0.0002%	0.0002%	0.000%	0.000%	6137 Glenarbor Drive	Maneville	OH	45039	
32b	UTC030795001	James H. Kaufman	Yes	0.016	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	116 Hathaway Road	West Jefferson	OH	43162	
32b	UTC031542001	Donna J. VanMeter	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	1901 Woodbridge Circle	Kokomo	IN	46902	
32b	UTC031543001	Patricia Ann Harrison	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	1901 Woodbridge Circle	Kokomo	IN	46902	
32b	UTC031164001	Mary Elizabeth Clary	Yes	0.002	0.0003	0.0001%	05-0002039.014	Cadiz	Harrison	0.0001%	0.0001%	0.000%	0.000%	1218 Burke Street	Kokomo	IN	46901	
32b	UTC030489001	Ross Allen Rinkes	Yes	0.015	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	755 Petty Branch Road	Decherd	TN	37324	
32b	UTC030366001	Bruce D. Rinkes	Yes	0.015	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	255 Q4 Road	Holtan	KS	66436	
32b	UTC030100001	Martha Lou Packer	Yes	0.015	0.002	0.0005%	05-0002039.014	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	746 US Route 250	Adema	OH	43901	
32b	UTC030358001	Suzanne A. Hope	Yes	0.020	0.002	0.001%	05-0002039.014	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	18300 Crawley Road	Odessa	FL	33556	
32b	UTC030657001	Linda E. Balaban	Yes	0.020	0.002	0.001%	05-0002039.014	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	843 62nd Ave S	St Petersburg	FL	33705	
32b	UTC030135001	Ronald K. Lerch	Yes	0.020	0.002	0.001%	05-0002039.014	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	5417 War Admiral Drive	Wesley Chapel	FL	33544	
32b	UTC030370001	Robert L. Booth	Yes	0.059	0.007	0.002%	05-0002039.014	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	119 N. Spring Road	Westerville	OH	43081	
32b	UTC019130000	The Presbyterian Church of Cadiz Attn: Nancy H. Kirkland	Yes	0.096	0.012	0.003%	05-0002039.014	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	154 West Market Street	Cadiz	OH	43907	
33	UTC033308001	Board of Commissioners of Harrison County Attn: Don Bethel, Amy Norris, & Paul Coffland	Yes	1.000	5.772	1.401%	05-0002039.013	Cadiz	Harrison	1.401%	1.401%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907	
34	UTC033308001	Community Improvement Corporation of Harrison County Attn: Nick Hornigshausen and Lauren Knight	Yes	1.000	3.414	0.828%	05-0002039.010	Cadiz	Harrison	0.828%	0.828%	0.000%	0.000%	538 North Main Street, Suite A	Cadiz	OH	43907	Separated entities; Removed Board of Commissioners of Harrison County, Ohio
34	UTC033308001	Board of Commissioners of Harrison County, Ohio Attn: Don Bethel, Amy Norris, & Paul Coffland***	Yes	***	***	***	05-0002039.010	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907	Added line for Board of Commissioners of Harrison County, Ohio
35	UTC033308001	Community Improvement Corporation of Harrison County Attn: Nick Hornigshausen and Lauren Knight	Yes	1.000	35.366	8.582%	05-0002039.000	Cadiz	Harrison	8.582%	8.582%	0.000%	0.000%	538 North Main Street, Suite A	Cadiz	OH	43907	Separated entities; Removed Board of Commissioners of Harrison County, Ohio
35	UTC033308001	Board of Commissioners of Harrison County, Ohio Attn: Don Bethel, Amy Norris, & Paul Coffland***	Yes	***	***	***	05-0002039.000	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	100 W. Market Street	Cadiz	OH	43907	Added line for Board of Commissioners of Harrison County, Ohio
36	PENDING	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	24.416	5.925%	05-0001835.001	Cadiz	Harrison	5.925%	5.925%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116	

37	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	7.161	1.738%	05-0001835.008	Cadiz	Harrison	1.738%	1.738%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
38	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	2.612	0.634%	05-0001835.003	Cadiz	Harrison	0.634%	0.634%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
39	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	5.125	1.244%	05-0001835.016	Cadiz	Harrison	1.244%	1.244%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
40	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	2.270	0.551%	05-0001835.009	Cadiz	Harrison	0.551%	0.551%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
41	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	2.153	0.522%	05-0001835.006	Cadiz	Harrison	0.522%	0.522%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
42	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	28.571	6.933%	05-0001835.002	Cadiz	Harrison	6.933%	6.933%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
43	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	0.154	0.037%	05-0000699.001	Cadiz	Harrison	0.037%	0.037%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
44	PENDING	MarkWest Uica EMG, L.L.C. Attn: Sam Papa	Yes	1.000	0.805	0.195%	05-0000699.000	Cadiz	Harrison	0.195%	0.195%	0.000%	0.000%	1515 Arapahoe Street, Tower 1, Suite 1600	Denver	CO	80202
45	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	9.695	2.353%	05-0001862.000	Cadiz	Harrison	2.353%	2.353%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
46	UTC032698000	Kurt Anthony Kelley	Yes	1.000	7.195	1.746%	04-0000061.001	Cadiz	Harrison	1.746%	1.746%	0.000%	0.000%	739 Grant Street	Cadiz	OH	43907
47	PENDING	Ascent Uica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000	10.388	2.521%	05-0001833.000	Cadiz	Harrison	2.521%	2.521%	0.000%	0.000%	3501 NW 63rd Street	Oklahoma City	OK	73116
48	UTC019448000	Twin Mineral Land, Ltd. Attn: Ronald Selway	Yes	0.500	9.910	2.405%	04-0000061.000	Cadiz	Harrison	2.405%	2.405%	0.000%	0.000%	2283 Ridge Road NE	New Philadelphia	OH	44663
48	UTC019448000	Heritage Resources - Uica Minerals, LLC Attn: Whitney Wickes	Yes	0.500	9.910	2.405%	04-0000061.000	Cadiz	Harrison	2.405%	2.405%	0.000%	0.000%	150 N. Main Street, Suite 200	Sheridan	WY	82801
49	UTC022992000	Bounty Minerals, LLC Attn: Tracie R. Palmer	Yes	0.667	17.856	4.333%	04-0000063.000	Cadiz	Harrison	4.333%	4.333%	0.000%	0.000%	777 Main Street, Suite 3400	Fort Worth	TX	76102
49	RHDK	RHDK Investments, LLC Attn: Keith B. Kimble, Manager	Yes	0.333	8.928	2.167%	04-0000063.000	Cadiz	Harrison	2.167%	0.000%	2.167%	0.000%	3596 State Route 39 NW	Dover	OH	44622
50	UTC031042000	Capstone Holding Company Attn: Danny E. Taylor	Yes	1.000	3.806	0.924%	04-0000158.000	Cadiz	Harrison	0.924%	0.924%	0.000%	0.000%	PO Box 115	Bannock	OH	43972
51	UTC031042000	Capstone Holding Company Attn: Danny E. Taylor	Yes	1.000	4.145	1.006%	04-0000168.000	Cadiz	Harrison	1.006%	1.006%	0.000%	0.000%	PO Box 115	Bannock	OH	43972
				Total Unit Acres:	412.081	100.000%				Total:	99.680%	97.452%	2.167%	0.061%			
				Total Consenting Acres:	410.763												

***Board of Commissioners of Harrison County, Ohio has executory rights, rights to receive royalties and other payments

Harrison Co
CADIZ TWP.

TRACT NO.	PARCEL ID	AREA IN UNIT (AC.)
42	05-0001835.002	28.571
43	05-0000699.001	0.154
44	05-0000699.000	0.805
45	05-0001862.000	9.695
46	04-0000061.001	7.195
47	05-0001833.000	10.388
48	04-0000061.000	19.820
49	04-0000063.000	26.784
50	04-0000158.000	3.806
51	04-0000168.000	4.145

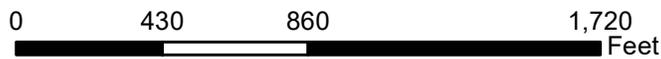
SEC: 11
TWP: 10N
RNG: 5W

SEC: 17
TWP: 10N
RNG: 5W

SEC: 16
TWP: 10N
RNG: 5W

SEC: 10
TWP: 10N
RNG: 5W

LIGGETT N ATH HR EXHIBIT B-2



1 in = 563 ft

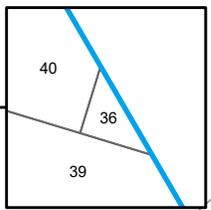
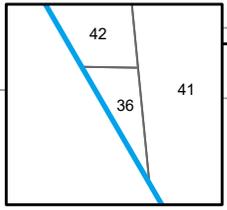
Legend

- LIGGETT N ATH HR - 412.081 Ac.
- PLSS Section
- Townships
- Counties
- Tax Parcels



Harrison Co
CADIZ TWP.

TRACT NO.	PARCEL ID	AREA IN UNIT (AC.)
30	05-0002185.006	12.198
31	05-0002185.007	2.209
32a	05-0002039.014	1.884
33	05-0002039.013	5.772
34	05-0002039.010	3.414
35	05-0002039.000	35.366
36	05-0001835.001	24.416
37	05-0001835.008	7.161
38	05-0001835.003	2.612
39	05-0001835.016	5.125
40	05-0001835.009	2.270
41	05-0001835.006	2.153
42	05-0001835.002	28.571



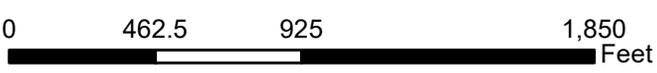
SEC: 10
TWP: 10N
RNG: 5W

SEC: 4
TWP: 10N
RNG: 5W

SEC: 9
TWP: 10N
RNG: 5W

SEC: 3
TWP: 10N
RNG: 5W

LIGGETT N ATH HR
EXHIBIT B-3

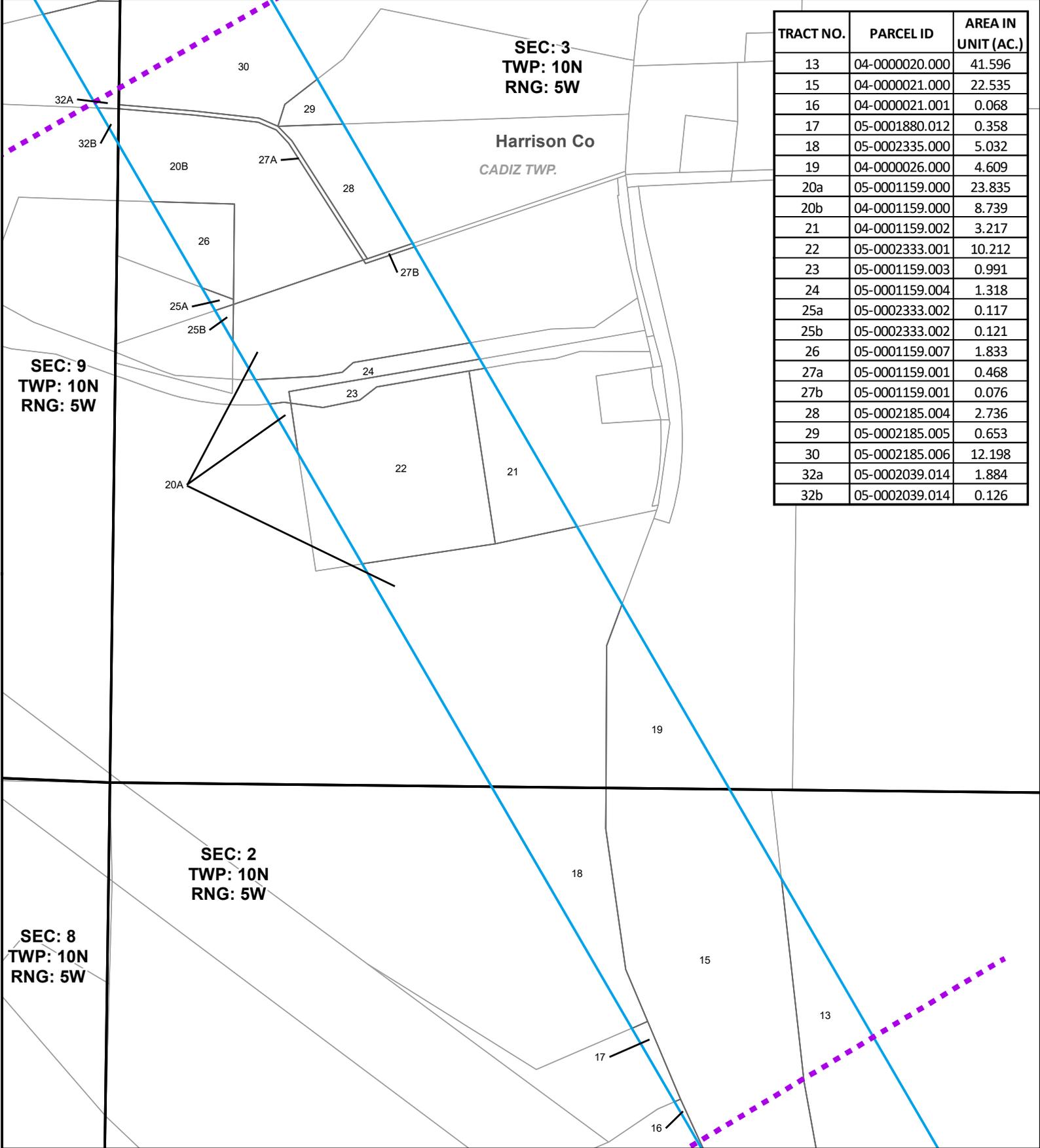


1 in = 604 ft

Legend

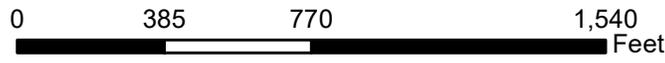
- LIGGETT N ATH HR - 412.081 Ac.
- PLSS Section
- Townships
- Counties
- Tax Parcels





TRACT NO.	PARCEL ID	AREA IN UNIT (AC.)
13	04-000020.000	41.596
15	04-000021.000	22.535
16	04-000021.001	0.068
17	05-0001880.012	0.358
18	05-0002335.000	5.032
19	04-0000026.000	4.609
20a	05-0001159.000	23.835
20b	04-0001159.000	8.739
21	04-0001159.002	3.217
22	05-0002333.001	10.212
23	05-0001159.003	0.991
24	05-0001159.004	1.318
25a	05-0002333.002	0.117
25b	05-0002333.002	0.121
26	05-0001159.007	1.833
27a	05-0001159.001	0.468
27b	05-0001159.001	0.076
28	05-0002185.004	2.736
29	05-0002185.005	0.653
30	05-0002185.006	12.198
32a	05-0002039.014	1.884
32b	05-0002039.014	0.126

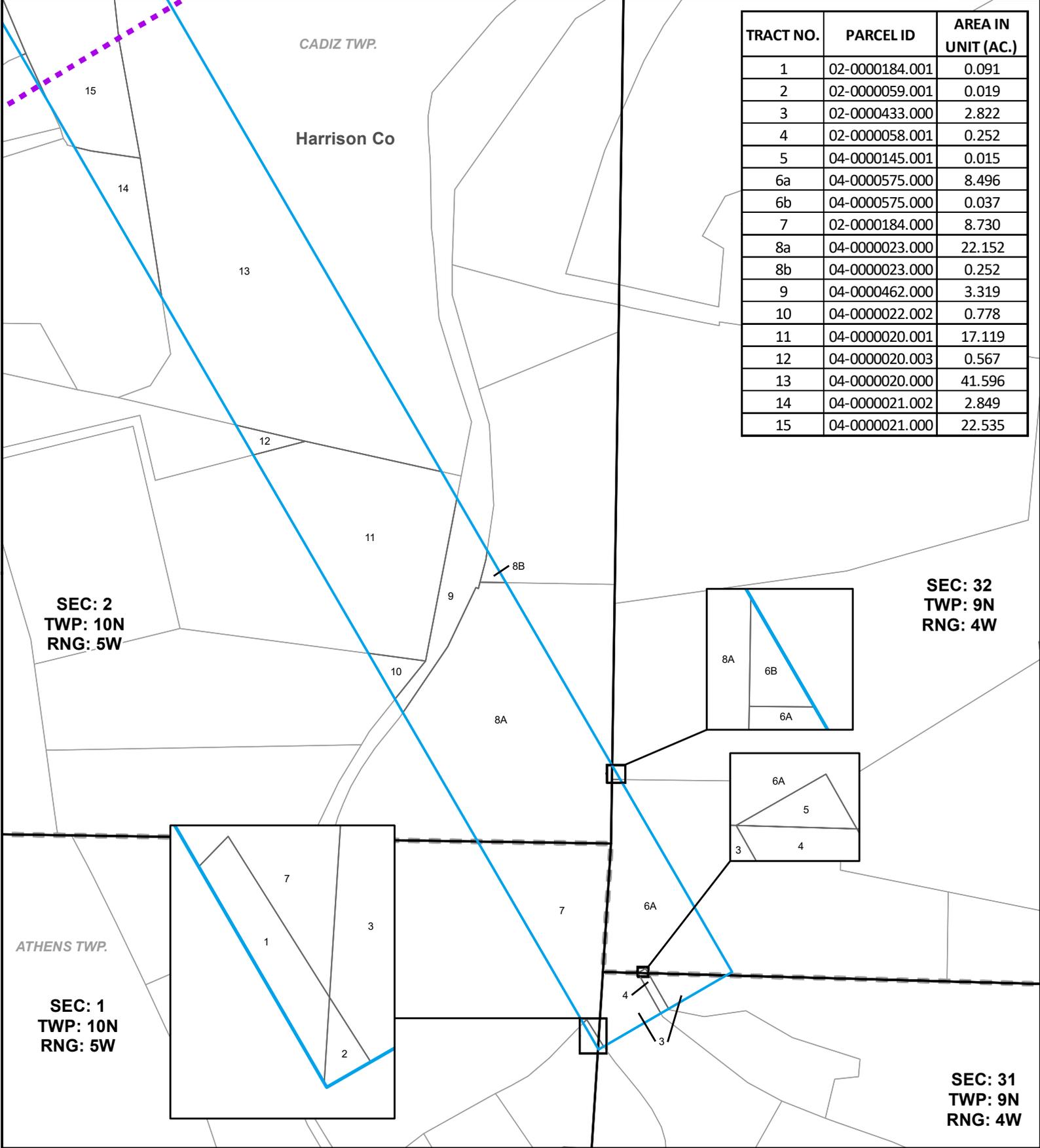
LIGGETT N ATH HR
EXHIBIT B-4



1 in = 500 ft

Legend

- LIGGETT N ATH HR - 412.081 Ac.
- PLSS Section
- Townships
- Counties
- Tax Parcels



TRACT NO.	PARCEL ID	AREA IN UNIT (AC.)
1	02-0000184.001	0.091
2	02-0000059.001	0.019
3	02-0000433.000	2.822
4	02-0000058.001	0.252
5	04-0000145.001	0.015
6a	04-0000575.000	8.496
6b	04-0000575.000	0.037
7	02-0000184.000	8.730
8a	04-0000023.000	22.152
8b	04-0000023.000	0.252
9	04-0000462.000	3.319
10	04-0000022.002	0.778
11	04-0000020.001	17.119
12	04-0000020.003	0.567
13	04-0000020.000	41.596
14	04-0000021.002	2.849
15	04-0000021.000	22.535

SEC: 2
TWP: 10N
RNG: 5W

SEC: 32
TWP: 9N
RNG: 4W

SEC: 1
TWP: 10N
RNG: 5W

SEC: 31
TWP: 9N
RNG: 4W

LIGGETT N ATH HR
EXHIBIT B-5



1 in = 663 ft



NAD 1927 UTM Zone 17N

Legend

- LIGGETT N ATH HR - 412.081 Ac.
- PLSS Section
- Townships
- Counties
- Tax Parcels

TRACT NO.	PARCEL ID	AREA IN UNIT (AC.)	Exhibit
1	02-0000184.001	0.091	B-5
2	02-0000059.001	0.019	B-5
3	02-0000433.000	2.822	B-5
4	02-0000058.001	0.252	B-5
5	04-0000145.001	0.015	B-5
6a	04-0000575.000	8.496	B-5
6b	04-0000575.000	0.037	B-5
7	02-0000184.000	8.730	B-5
8a	04-0000023.000	22.152	B-5
8b	04-0000023.000	0.252	B-5
9	04-0000462.000	3.319	B-5
10	04-0000022.002	0.778	B-5
11	04-0000020.001	17.119	B-5
12	04-0000020.003	0.567	B-5
13	04-0000020.000	41.596	B-4/B-5
14	04-0000021.002	2.849	B-5
15	04-0000021.000	22.535	B-4/B-5
16	04-0000021.001	0.068	B-4
17	05-0001880.012	0.358	B-4
18	05-0002335.000	5.032	B-4
19	04-0000026.000	4.609	B-4
20a	05-0001159.000	23.835	B-4
20b	04-0001159.000	8.739	B-4
21	04-0001159.002	3.217	B-4
22	05-0002333.001	10.212	B-4
23	05-0001159.003	0.991	B-4
24	05-0001159.004	1.318	B-4
25a	05-0002333.002	0.117	B-4
25b	05-0002333.002	0.121	B-4
26	05-0001159.007	1.833	B-4
27a	05-0001159.001	0.468	B-4
27b	05-0001159.001	0.076	B-4
28	05-0002185.004	2.736	B-4
29	05-0002185.005	0.653	B-4
30	05-0002185.006	12.198	B-3/B-4
31	05-0002185.007	2.209	B-3
32a	05-0002039.014	1.884	B-3/B-4
32b	05-0002039.014	0.126	B-4
33	05-0002039.013	5.772	B-3
34	05-0002039.010	3.414	B-3
35	05-0002039.000	35.366	B-3
36	05-0001835.001	24.416	B-3
37	05-0001835.008	7.161	B-3
38	05-0001835.003	2.612	B-3
39	05-0001835.016	5.125	B-3
40	05-0001835.009	2.270	B-3
41	05-0001835.006	2.153	B-3
42	05-0001835.002	28.571	B-2/B-3
43	05-0000699.001	0.154	B-2
44	05-0000699.000	0.805	B-2
45	05-0001862.000	9.695	B-2
46	04-0000061.001	7.195	B-2
47	05-0001833.000	10.388	B-2
48	04-0000061.000	19.820	B-2
49	04-0000063.000	26.784	B-2
50	04-0000158.000	3.806	B-2
51	04-0000168.000	4.145	B-2
	Total	412.081	



LIGGETT N ATH HR MASTER TRACT LIST