



# Ohio Department of Natural Resources

MIKE DEWINE, GOVERNOR

MARY MERTZ, DIRECTOR

**Eric Vendel, Chief**

Division of Oil and Gas Resources Management  
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## **ORDER BY THE CHIEF**

**December 12, 2023**

**ORDER NO. 2023-255**

**TO: Ascent Resources – Utica, LLC  
3501 N.W. 63<sup>rd</sup> Street  
Oklahoma City, OK 73116**

**RE: Application for Unitization  
**Cypress NE CDZ HR Unit**  
Harrison County, Ohio**

**SUBJECT: Order for Unit Operations of the Utica shale and Point Pleasant Formation  
for the Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ HR Unit signed on September 7, 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 Cypress NE CDZ 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 Cypress NE CDZ HR Unit. At the time of this order, the non-consenting working interest owners identified by Ascent include those listed as leased on Exhibit A with a 0.000% consenting working interest percentage.
- 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 422.004 acres located in Cadiz Township, 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 November 2, 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ HR Unit exceeds the estimated additional cost incident to conducting the operation of the Cypress NE CDZ HR Unit.

**ORDER:**

**IT IS HEREBY ORDERED:**

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

**Plan for Unit Operations**

- 1) The unit area is comprised of the tracts totaling 422.004 acres located in Cadiz Township, Harrison County, Ohio as shown in Exhibit B.
- 2) Ascent proposes to drill one well in the Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 Cypress NE CDZ 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 June 12, 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 Cypress NE CDZ 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.

December 12, 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



# Cypress NE CDZ HR Unit Chiefs Order Exhibit A

Exhibit A  
All Mineral Owners in the proposed Cypress NE CDZ HR Unit

Tract Number	Lease ID Number	Mineral Owner	Leased Yes or No	Decedent 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	Assent Utica Minerals Working Interest Percentage	RHDK OH & Gas LLC Working Interest Percentage	EAP Ohio, LLC Working Interest Percentage	Burf Energy, LLC Working Interest Percentage	Address	City	State	Zip	Changes
1	Consenting Mineral Interest	Assent Utica Minerals, LLC	No -	0.950	2.767	0.656%	04-0000126-000	Cadiz	Harrison	0.656%	0.000%	0.656%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
1	UTC028174001	Maskington University, an Ohio non-profit corporation	Yes	0.050	0.146	0.035%	04-0000126-000	Cadiz	Harrison	0.035%	0.035%	0.000%	0.000%	0.000%	0.000%	10 College Dr	New Concord	OH	43762	
2a	UTC033710001	OGEI Inc.	Yes	0.100	2.747	0.651%	04-0000138-001	Cadiz	Harrison	0.651%	0.651%	0.000%	0.000%	0.000%	0.000%	PO Box 1569	Pagosa Springs	CO	81147	
2a	UTC033814001	Wind River Resources, Inc.	Yes	0.042	1.147	0.272%	04-0000138-001	Cadiz	Harrison	0.272%	0.272%	0.000%	0.000%	0.000%	0.000%	PO Box 2944	Casper	WY	82602	
2a	PENDING	Water Production, Inc.	Yes	0.400	1.938	2.604%	04-0000138-001	Cadiz	Harrison	2.604%	2.604%	0.000%	0.000%	0.000%	0.000%	1100 Louisiana Street, Suite 200	Houston	TX	77002	
2a	PENDING	Helis Royalty Company, L.L.C.	Yes	0.400	10.988	2.604%	04-0000138-001	Cadiz	Harrison	2.604%	2.604%	0.000%	0.000%	0.000%	0.000%	201 Saint Charles Avenue, Suite 2000	New Orleans	LA	70170	
2a	UTC033894001	Robert A. Schlick, trustee of the Robert A. Schlick 1996 Revocable Trust, dated January 2, 1997	Yes	0.011	0.300	0.071%	04-0000138-001	Cadiz	Harrison	0.071%	0.071%	0.000%	0.000%	0.000%	0.000%	4940 Dexter Street	Casper	WY	82609	
2a	PENDING	Equity Trust Company, f/b/o Adnan Browni IKA	Yes	0.011	0.300	0.071%	04-0000138-001	Cadiz	Harrison	0.071%	0.071%	0.000%	0.000%	0.000%	0.000%	1 Equity Way	Westlake	OH	44145	
2a	UTC033812001	Midhill, a Wyoming Partnership, as Trustee, f/b/o Susan E. Heiss, IRA	Yes	0.036	1.000	0.237%	04-0000138-001	Cadiz	Harrison	0.237%	0.237%	0.000%	0.000%	0.000%	0.000%	PO Box 2680	Casper	WY	82602	
2b	UTC033365001	Wind River Resources, Inc.	Yes	0.100	0.086	0.020%	04-0000138-001	Cadiz	Harrison	0.020%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 1569	Pagosa Springs	CO	81147	
2b	UTC033383001	OGEI Inc.	Yes	0.042	0.956	0.008%	04-0000138-001	Cadiz	Harrison	0.008%	0.008%	0.000%	0.000%	0.000%	0.000%	PO Box 2944	Casper	WY	82602	
2b	UTC033842001	Water Production, Inc.	Yes	0.400	0.343	0.081%	04-0000138-001	Cadiz	Harrison	0.081%	0.081%	0.000%	0.000%	0.000%	0.000%	1100 Louisiana Street, Suite 200	Houston	TX	77002	
2b	UTC033704001	Helis Royalty Company, L.L.C.	Yes	0.400	0.343	0.081%	04-0000138-001	Cadiz	Harrison	0.081%	0.081%	0.000%	0.000%	0.000%	0.000%	201 Saint Charles Avenue, Suite 2600	New Orleans	LA	70170	
2b	UTC033465001	Robert A. Schlick, trustee of the Robert A. Schlick 1996 Revocable Trust, dated January 2, 1997	Yes	0.011	0.009	0.002%	04-0000138-001	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	4940 Dexter Street	Casper	WY	82609	
2b	UTC034061001	Equity Trust Company, f/b/o Adnan Browni IKA	Yes	0.011	0.009	0.002%	04-0000138-001	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	1 Equity Way	Westlake	OH	44145	
2c	UTC033465001	Midhill, a Wyoming Partnership, as Trustee, f/b/o Susan E. Heiss, IRA	Yes	0.036	0.031	0.007%	04-0000138-001	Cadiz	Harrison	0.007%	0.007%	0.000%	0.000%	0.000%	0.000%	PO Box 2680	Casper	WY	82602	
2c	UTC033329001	OGEI Inc.	Yes	0.100	0.178	0.042%	04-0000138-001	Cadiz	Harrison	0.042%	0.042%	0.000%	0.000%	0.000%	0.000%	PO Box 1569	Pagosa Springs	CO	81147	
2c	UTC033383001	Wind River Resources, Inc.	Yes	0.042	0.074	0.018%	04-0000138-001	Cadiz	Harrison	0.018%	0.018%	0.000%	0.000%	0.000%	0.000%	PO Box 2944	Casper	WY	82602	
2c	UTC033842001	Water Production, Inc.	Yes	0.400	0.713	0.169%	04-0000138-001	Cadiz	Harrison	0.169%	0.169%	0.000%	0.000%	0.000%	0.000%	1100 Louisiana Street, Suite 200	Houston	TX	77002	
2c	UTC033704001	Helis Royalty Company, L.L.C.	Yes	0.400	0.713	0.169%	04-0000138-001	Cadiz	Harrison	0.169%	0.169%	0.000%	0.000%	0.000%	0.000%	201 Saint Charles Avenue, Suite 2600	New Orleans	LA	70170	
2c	UTC033465001	Robert A. Schlick, trustee of the Robert A. Schlick 1996 Revocable Trust, dated January 2, 1997	Yes	0.011	0.019	0.005%	04-0000138-001	Cadiz	Harrison	0.005%	0.005%	0.000%	0.000%	0.000%	0.000%	4940 Dexter Street	Casper	WY	82609	
2c	UTC034061001	Equity Trust Company, f/b/o Adnan Browni IKA	Yes	0.011	0.019	0.005%	04-0000138-001	Cadiz	Harrison	0.005%	0.005%	0.000%	0.000%	0.000%	0.000%	1 Equity Way	Westlake	OH	44145	
2c	UTC033290001	Midhill, a Wyoming Partnership, as Trustee, f/b/o Susan E. Heiss, IRA	Yes	0.036	0.065	0.015%	04-0000138-001	Cadiz	Harrison	0.015%	0.015%	0.000%	0.000%	0.000%	0.000%	PO Box 2680	Casper	WY	82602	
3	Consenting Mineral Interest	Assent Utica Minerals, LLC	No -	1.000	10.239	2.426%	04-0000125-000	Cadiz	Harrison	2.426%	0.000%	2.426%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
4	Consenting Mineral Interest	Assent Utica Minerals, LLC	No -	1.000	38.571	9.140%	04-0000131-000	Cadiz	Harrison	9.140%	0.000%	9.140%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
5	Consenting Mineral Interest	Assent Utica Minerals, LLC	No -	1.000	4.046	0.959%	04-0000130-000	Cadiz	Harrison	0.959%	0.000%	0.959%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
6	Consenting Mineral Interest	Assent Utica Minerals, LLC	No -	1.000	42.177	9.994%	04-000027-000	Cadiz	Harrison	9.994%	0.000%	9.994%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
7	Consenting Mineral Interest	Assent Utica Minerals, LLC	No -	1.000	20.123	4.768%	05-50001821-000	Cadiz	Harrison	4.768%	0.000%	4.768%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
8	Consenting Mineral Interest	Assent Utica Minerals, LLC	No -	1.000	4.785	1.134%	05-50001821-001	Cadiz	Harrison	1.134%	0.000%	1.134%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
9	UTC029525000	Charles Brent Morris	Yes	1.000	0.379	0.090%	05-50001872-000	Cadiz	Harrison	0.090%	0.090%	0.000%	0.000%	0.000%	0.000%	6255 Caldwell Drive	Adamsville	OH	43802	
10	UTC019467000	Charles Brent Morris	Yes	1.000	7.319	1.734%	05-50001876-000	Cadiz	Harrison	1.734%	1.734%	0.000%	0.000%	0.000%	0.000%	6255 Caldwell Drive	Adamsville	OH	43802	
11	UTC019467000	Charles Brent Morris	Yes	1.000	0.013	0.003%	05-50001876-001	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	6255 Caldwell Drive	Adamsville	OH	43802	
12	UTC010490000	Patrick A. Eberhart	Yes	1.000	1.442	0.342%	05-50001851-001	Cadiz	Harrison	0.342%	0.342%	0.000%	0.000%	0.000%	0.000%	275 Oak Park Road	Cadiz	OH	43907	
13	UTC028630000	Oak Park Farms, Inc.	Yes	1.000	6.443	1.527%	05-50002391-000	Cadiz	Harrison	1.527%	1.527%	0.000%	0.000%	0.000%	0.000%	PO Box 355	Cadiz	OH	43907	
14	UTC019102000	Oak Park Farms, Inc.	Yes	1.000	0.004	0.001%	05-50002391-002	Cadiz	Harrison	0.001%	0.150%	0.000%	0.000%	0.000%	0.000%	PO Box 355	Cadiz	OH	43907	
15	UTC019102000	Oak Park Farms, Inc.	Yes	1.000	0.004	0.001%	05-50002391-006	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	PO Box 355	Cadiz	OH	43907	
16	UTC029387001	Cynthia M. Mikita	Yes	1.000	0.742	0.176%	05-50002391-001	Cadiz	Harrison	0.176%	0.176%	0.000%	0.000%	0.000%	0.000%	130 Indian Trail	Cadiz	OH	43907	

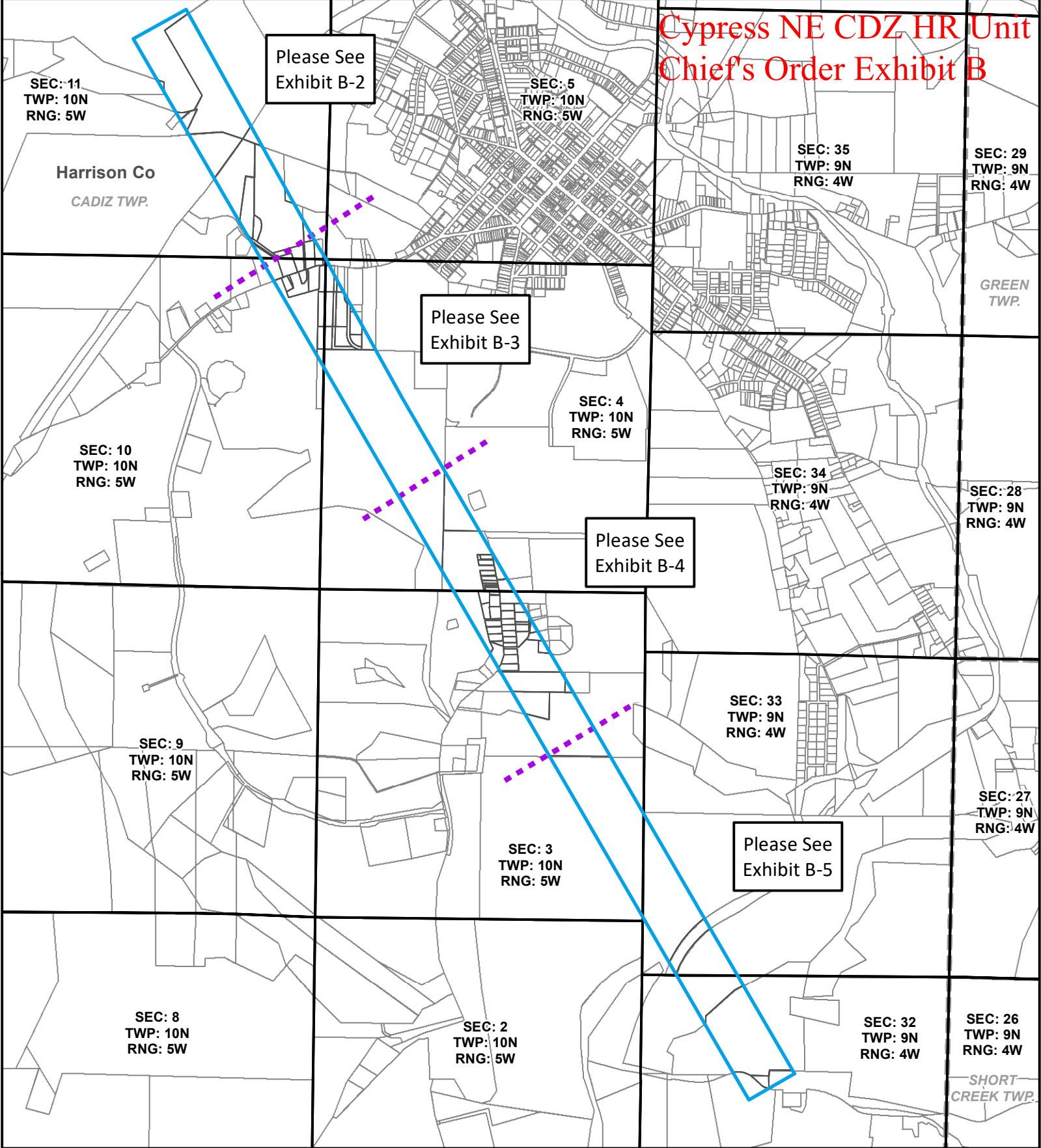
Tract Number	Lease ID Number	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County	Consenting Working Interest Percentage	Applicant Working Interest Percentage	Asent Utran Minerals Working Interest Percentage	RHDK OH & Gas LLC Working Interest Percentage	EAP Ohio, LLC Working Interest Percentage	Burf Energy, LLC Working Interest Percentage	Address	City	State	Zip	Changes
17	UTC029387001	Cynthia M. McKita	Yes	1.000	0.359	0.085%	05-0002392.000	Cadiz	Harrison	0.085%	0.085%	0.000%	0.000%	0.000%	0.000%	130 Hadian Trail	Cadiz	OH	43907	
18	UTC033344000	Arlita Marie Crosby and John William Crosby, Trustees of the Arlita M. Crosby Revoicable Trust U/A/D June 1, 2007	Yes	1.000	0.011	0.003%	05-0002393.000	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	171 County Club Manor	Cadiz	OH	43907	
19	UTC019102000	Oak Park Farms, Inc.	Yes	1.000	0.873	0.207%	05-0002391.005	Cadiz	Harrison	0.207%	0.207%	0.000%	0.000%	0.000%	0.000%	PO Box 335	Cadiz	OH	43907	
20	UTC019101000	Kathryn Harris Fry	Yes	0.500	0.304	0.072%	05-0002157.000	Cadiz	Harrison	0.072%	0.072%	0.000%	0.000%	0.000%	0.000%	2927 Summer Wind Lane,Apartment 4009	Litleton	CO	80129	
20	UTC019100000	Stewart P. Harris	Yes	0.500	0.304	0.072%	05-0002157.000	Cadiz	Harrison	0.072%	0.072%	0.000%	0.000%	0.000%	0.000%	2228 Addison Avenue	Clement	FL	34711	
21	UTC019103000	Esther Porzani and Michael Joseph Porzani, Co-Trustees of The Esther Porzani Revoicable Trust of December 8, 1992; aka The Revoicable Trust of Esther Porzani executed December 8, 1992 of the Esther Porzani Revoicable Trust of December 8, 1992	Yes	1.000	0.233	0.055%	05-0002138.000	Cadiz	Harrison	0.055%	0.055%	0.000%	0.000%	0.000%	0.000%	500 S. Parkview Avenue #404	Bexley	OH	43209	
22	UTC019101000	Kathryn Harris Fry	Yes	0.500	0.410	0.097%	05-0001344.000	Cadiz	Harrison	0.097%	0.097%	0.000%	0.000%	0.000%	0.000%	2927 Summer Wind Lane,Apartment 4009	Litleton	CO	80129	
22	UTC019100000	Stewart P. Harris	Yes	0.500	0.410	0.097%	05-0001344.000	Cadiz	Harrison	0.097%	0.097%	0.000%	0.000%	0.000%	0.000%	2228 Addison Avenue	Clement	FL	34711	
23	UTC019101000	Kathryn Harris Fry	Yes	0.500	0.280	0.066%	05-0002300.000	Cadiz	Harrison	0.066%	0.066%	0.000%	0.000%	0.000%	0.000%	2927 Summer Wind Lane,Apartment 4009	Litleton	CO	80129	
23	UTC019100000	Stewart P. Harris	Yes	0.500	0.280	0.066%	05-0002300.000	Cadiz	Harrison	0.066%	0.066%	0.000%	0.000%	0.000%	0.000%	2228 Addison Avenue	Clement	FL	34711	
24	UTC028013001	Helan Perry	Yes	0.250	0.354	0.084%	05-0001544.000	Cadiz	Harrison	0.084%	0.084%	0.000%	0.000%	0.000%	0.000%	10 Bourree Lane, Lower Largo.	File	FL	34711	
24	UTC026884001	Philip Perry	Yes	0.250	0.354	0.084%	05-0001544.000	Cadiz	Harrison	0.084%	0.084%	0.000%	0.000%	0.000%	0.000%	116 Ridgecrest Drive	Thomastown	GA	30286	
24	UTC027375001	Joeline Perry	Yes	0.083	0.118	0.028%	05-0001544.000	Cadiz	Harrison	0.028%	0.028%	0.000%	0.000%	0.000%	0.000%	2200 Madegum Dr. Apt 101	Falls Church	VA	22043	
24	UTC027842001	Marie Perry	Yes	0.083	0.118	0.028%	05-0001544.000	Cadiz	Harrison	0.028%	0.028%	0.000%	0.000%	0.000%	0.000%	8219 S. Maple Lane Blvd	Fulton	MD	20759	
24	UTC027661001	Patrick Perry	Yes	0.083	0.118	0.028%	05-0001544.000	Cadiz	Harrison	0.028%	0.028%	0.000%	0.000%	0.000%	0.000%	3305 Maple Ave	Manhattan Beach	CA	90266	
24	UTC028964001	Richard Graham, Jr.	Yes	0.050	0.071	0.017%	05-0001544.000	Cadiz	Harrison	0.017%	0.017%	0.000%	0.000%	0.000%	0.000%	112 Stewart Street	Mifflintown	PA	17059	
24	UTC028724001	Rebecca Graham	Yes	0.050	0.071	0.017%	05-0001544.000	Cadiz	Harrison	0.017%	0.017%	0.000%	0.000%	0.000%	0.000%	809 W. Clearview Drive	Glen Rock	PA	17327	
24	UTC028978001	Rachel Graham Reeves	Yes	0.050	0.071	0.017%	05-0001544.000	Cadiz	Harrison	0.017%	0.017%	0.000%	0.000%	0.000%	0.000%	3340 Willow Crestant Drive	Fairfax	VA	22030	
24	UTC028881001	Ronald Graham	Yes	0.050	0.071	0.017%	05-0001544.000	Cadiz	Harrison	0.017%	0.017%	0.000%	0.000%	0.000%	0.000%	4042 Championship Drive	Arundelle	VA	22003	
24	UTC029056001	Renee A. Mizla	Yes	0.050	0.071	0.017%	05-0001544.000	Cadiz	Harrison	0.017%	0.017%	0.000%	0.000%	0.000%	0.000%	710 Shepley Hollow Drive	Port Orange	FL	32127	
25	UTC019431000	Dan Daryl and Laura Daryl, for their joint lives, remainder to the survivor of them	Yes	1.000	0.616	0.146%	05-0000348.000	Cadiz	Harrison	0.146%	0.146%	0.000%	0.000%	0.000%	0.000%	340 Oak Park, RD	Cadiz	OH	43907	
26	UTC019431000	Dan Daryl and Laura Daryl, for their joint lives, remainder to the survivor of them	Yes	1.000	0.722	0.171%	05-0000349.000	Cadiz	Harrison	0.171%	0.171%	0.000%	0.000%	0.000%	0.000%	340 Oak Park, RD	Cadiz	OH	43907	
27	UTC019450000	Zane Dawoport and Valli Dawoport, husband and wife	Yes	1.000	0.520	0.123%	05-0000010.000	Cadiz	Harrison	0.123%	0.123%	0.000%	0.000%	0.000%	0.000%	360 Oak Park Rd	Cadiz	OH	43907	
28	UTC019447000	James H. Drexler, Trustee of the Drexler Family Trust, dated May 30, 2003	Yes	1.000	0.529	0.125%	05-0000157.000	Cadiz	Harrison	0.125%	0.125%	0.000%	0.000%	0.000%	0.000%	370 Oak Park Rd	Cadiz	OH	43907	
29	PENDING	Chase Scott Porter and Kathleen Virginia Porter, husband and wife, Life Estate	Yes	1.000	0.531	0.126%	05-0000064.000	Cadiz	Harrison	0.126%	0.126%	0.000%	0.000%	0.000%	0.000%	380 Oak Park Road	Cadiz	OH	43907	
30	UTC033434000	Brent K. Walden, Kristi L. Sims, Bruce Walden and Tracy L. Squires, and the survivor of them, as joint tenants with right of survivorship and not as tenants in common	Yes	1.000	0.516	0.122%	05-0001682.000	Cadiz	Harrison	0.122%	0.122%	0.000%	0.000%	0.000%	0.000%	240 Harris Hill Drive	Cadiz	OH	43907	
31	UTC033434000	Brent K. Walden, Kristi L. Sims, Bruce Walden and Tracy L. Squires, and the survivor of them, as joint tenants with right of survivorship and not as tenants in common	Yes	1.000	0.365	0.086%	05-0001681.000	Cadiz	Harrison	0.086%	0.086%	0.000%	0.000%	0.000%	0.000%	240 Harris Hill Drive	Cadiz	OH	43907	
32	UTC019432000	Edward J. Sobolewski and Sonya Yassens, father and daughter, for their joint lives, remainder to the survivor of them	Yes	1.000	0.501	0.119%	05-0000658.000	Cadiz	Harrison	0.119%	0.119%	0.000%	0.000%	0.000%	0.000%	400 Oak Park Road	Cadiz	OH	43907	
33	PENDING	Shere L. Osburn	Yes	0.250	0.220	0.052%	05-0001345.000	Cadiz	Harrison	0.052%	0.052%	0.000%	0.000%	0.000%	0.000%	410 Oak Park	Cadiz	OH	43907	
33	PENDING	Teresa D. Gable	Yes	0.250	0.220	0.052%	05-0001345.000	Cadiz	Harrison	0.052%	0.052%	0.000%	0.000%	0.000%	0.000%	16 Jenkins Farm Way	Simpsonville	SC	29680	
33	PENDING	Chaser Scott Porter	Yes	0.250	0.220	0.052%	05-0001345.000	Cadiz	Harrison	0.052%	0.052%	0.000%	0.000%	0.000%	0.000%	380 Oak Park Road	Cadiz	OH	43907	
33	OPEN	Shawn C. Porter	No	0.250	0.220	0.052%	05-0001345.000	Cadiz	Harrison	0.052%	0.052%	0.000%	0.000%	0.000%	0.000%	7600 N. Blue Heron Drive	Univerville	IN	47468	
34	UTC019463000	Sharon Zappach	Yes	1.000	0.842	0.200%	05-0001688.000	Cadiz	Harrison	0.200%	0.200%	0.000%	0.000%	0.000%	0.000%	420 Oak Park Road	Cadiz	OH	43907	
35	UTC019466000	Craig A. Cumberworth	Yes	0.500	0.121	0.029%	05-0000353.000	Cadiz	Harrison	0.029%	0.029%	0.000%	0.000%	0.000%	0.000%	2040 Celestial Drive NE	Warren	OH	44484	
35	UTC019466000	Brian R. Cumberworth	Yes	0.500	0.121	0.029%	05-0000353.000	Cadiz	Harrison	0.029%	0.029%	0.000%	0.000%	0.000%	0.000%	209 West High Street	Jewett	OH	43986	
36	UTC019466000	Craig A. Cumberworth	Yes	0.500	0.319	0.076%	05-0000352.000	Cadiz	Harrison	0.076%	0.076%	0.000%	0.000%	0.000%	0.000%	2040 Celestial Drive NE	Warren	OH	44484	

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36	UTC019436000	Brian R. Cumberworth	Yes	0.500	0.319	0.076%	05-0000352.000	Cadiz	Harrison	0.076%	0.076%	0.000%	0.000%	0.000%	0.000%	209 West High Street	Jewett	OH	43986	
37	UTC038290000	John E. Murray and Shirley Murray	Yes	1.000	0.664	0.157%	05-0001140.000	Cadiz	Harrison	0.157%	0.157%	0.000%	0.000%	0.000%	0.000%	365 Oak Park Road	Cadiz	OH	43907	
38	UTC033061000	Robert A. Huffman	Yes	1.000	0.009	0.009%	05-0001387.000	Cadiz	Harrison	0.009%	0.009%	0.000%	0.000%	0.000%	0.000%	335 Oak Park Road	Cadiz	OH	43907	
39	UTC033061000	Robert A. Huffman	Yes	1.000	0.615	0.146%	05-0001387.000	Cadiz	Harrison	0.146%	0.146%	0.000%	0.000%	0.000%	0.000%	335 Oak Park Road	Cadiz	OH	43907	
40	UTC019470000	Brent D. Carpenter and Leslie R. Carpenter, husband and wife	Yes	1.000	0.851	0.202%	05-0000790.002	Cadiz	Harrison	0.202%	0.202%	0.000%	0.000%	0.000%	0.000%	70341 Worth Street	Finishing	OH	43977	
41	UTC019433000	Stephanie R. Dowdle and Larry B. Dowdle	Yes	1.000	0.710	0.168%	05-0000790.000	Cadiz	Harrison	0.168%	0.168%	0.000%	0.000%	0.000%	0.000%	311 Oak Park Road	Cadiz	OH	43907	
42	UTC019433000	Stephanie Dowdle and Larry Dowdle, wife and husband, for their joint lives, remainder to the survivor of them	Yes	1.000	0.801	0.190%	05-0000790.001	Cadiz	Harrison	0.190%	0.190%	0.000%	0.000%	0.000%	0.000%	311 Oak Park Road	Cadiz	OH	43907	
43	UTC033356000	John C. Crosby	Yes	1.000	0.783	0.186%	05-0000781.000	Cadiz	Harrison	0.186%	0.186%	0.000%	0.000%	0.000%	0.000%	325 Oak Park Road	Cadiz	OH	43907	
44	UTC019445000	James H. Medley and Lois M. Medley, Co-Trustees of the Medley Family Trust dated 9/20/2017	Yes	1.000	0.021	0.005%	05-0000782.000	Cadiz	Harrison	0.005%	0.005%	0.000%	0.000%	0.000%	0.000%	305 Oak Park Road	Cadiz	OH	43907	
45	UTC019445000	James H. Medley and Lois M. Medley, Co-Trustees of the Medley Family Trust dated 9/20/2017	Yes	1.000	0.219	0.052%	05-0000785.000	Cadiz	Harrison	0.052%	0.052%	0.000%	0.000%	0.000%	0.000%	305 Oak Park Road	Cadiz	OH	43907	
46	UTC033443000	Curtis W. Crawshaw and Judith A. Crawshaw, his wife, joint tenants with rights of survivorship	Yes	1.000	5.540	1.313%	05-0002185.003	Cadiz	Harrison	1.313%	1.313%	0.000%	0.000%	0.000%	0.000%	405 Oak Park Road	Cadiz	OH	43907	
47	UTC028884000	Mark J. Miller and Kristin L. Miller, husband and wife, for their joint lives, remainder to the survivor of them	Yes	1.000	1.031	0.244%	05-0001851.001	Cadiz	Harrison	0.244%	0.244%	0.000%	0.000%	0.000%	0.000%	290 Oak Park Road	Cadiz	OH	43907	
48	UTC026904000	Derek B. Madia and Jessica L. Madia, for their joint lives, remainder to the survivor of them	Yes	1.000	0.377	0.089%	05-0001518.000	Cadiz	Harrison	0.089%	0.089%	0.000%	0.000%	0.000%	0.000%	295 Oak Park Rd.	Cadiz	OH	43907	
49	UTC026904000	Derek B. Madia and Jessica L. Madia, for their joint lives, remainder to the survivor of them	Yes	1.000	0.142	0.034%	05-0001518.001	Cadiz	Harrison	0.034%	0.034%	0.000%	0.000%	0.000%	0.000%	295 Oak Park Rd.	Cadiz	OH	43907	
50	UTC026904000	Derek B. Madia and Jessica L. Madia, for their joint lives, remainder to the survivor of them	Yes	1.000	0.270	0.064%	05-0001519.000	Cadiz	Harrison	0.064%	0.064%	0.000%	0.000%	0.000%	0.000%	295 Oak Park Rd.	Cadiz	OH	43907	
51	UTC019434000	Kenneth A. Mallemce	Yes	0.250	0.065	0.015%	05-0001003.000	Cadiz	Harrison	0.015%	0.015%	0.000%	0.000%	0.000%	0.000%	4772 Marhorough Dr.	San Diego	CA	92116	
51	UTC019434000	Kimberly A. Clark	Yes	0.250	0.065	0.015%	05-0001003.000	Cadiz	Harrison	0.015%	0.015%	0.000%	0.000%	0.000%	0.000%	9235 Shadbrook Street NW	Clinton	OH	44216	
51	UTC019434000	Matthew R. Clark	Yes	0.250	0.065	0.015%	05-0001003.000	Cadiz	Harrison	0.015%	0.015%	0.000%	0.000%	0.000%	0.000%	396 East Kossuth Street	Columbus	OH	43206	
51	UTC019434000	Jonathan D. Clark	Yes	0.250	0.065	0.015%	05-0001003.000	Cadiz	Harrison	0.015%	0.015%	0.000%	0.000%	0.000%	0.000%	1683 Stepping Stone Trail	Avonier	OH	44201	
52	UTC019434000	Kenneth A. Mallemce	Yes	0.250	0.114	0.027%	05-0001002.000	Cadiz	Harrison	0.027%	0.027%	0.000%	0.000%	0.000%	0.000%	4772 Marhorough Dr.	San Diego	CA	92116	
52	UTC019434000	Kimberly A. Clark	Yes	0.250	0.114	0.027%	05-0001002.000	Cadiz	Harrison	0.027%	0.027%	0.000%	0.000%	0.000%	0.000%	9235 Shadbrook Street NW	Clinton	OH	44216	
52	UTC019434000	Matthew R. Clark	Yes	0.250	0.114	0.027%	05-0001002.000	Cadiz	Harrison	0.027%	0.027%	0.000%	0.000%	0.000%	0.000%	396 East Kossuth Street	Columbus	OH	43206	
53	UTC019434000	Jonathan D. Clark	Yes	0.250	0.114	0.027%	05-0001002.000	Cadiz	Harrison	0.027%	0.027%	0.000%	0.000%	0.000%	0.000%	1683 Stepping Stone Trail	Avonier	OH	44201	
53	UTC019434000	Patricia A. Eberhart	Yes	1.000	0.004	0.001%	05-0004555.000	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	275 Oak Park Road	Cadiz	OH	44201	
54	UTC019434000	Kenneth A. Mallemce	Yes	0.125	0.004	0.001%	05-0001873.001	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	4772 Marhorough Dr.	San Diego	CA	92116	
54	UTC019434000	Kimberly A. Clark	Yes	0.125	0.004	0.001%	05-0001873.001	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	9235 Shadbrook Street NW	Clinton	OH	44216	
54	UTC019434000	Matthew R. Clark	Yes	0.125	0.004	0.001%	05-0001873.001	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	396 East Kossuth Street	Columbus	OH	43206	
54	UTC019434000	Jonathan D. Clark	Yes	0.125	0.004	0.001%	05-0001873.001	Cadiz	Harrison	0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	1683 Stepping Stone Trail	Avonier	OH	44201	
54	OPEN	Alice Anne Castelfrío	No	0.250	0.007	0.002%	05-0001873.001	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	2405 Olson Drive	Kettering	OH	45420	
54	PENDING	Robert C. Baxter, aka Robert C. Baxter, II	Yes	0.250	0.007	0.002%	05-0001873.001	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	1204 Chateau Drive	Kettering	OH	45429	
55	UTC019439000	Patricia A. Eberhart	Yes	1.000	0.490	0.116%	05-0000456.000	Cadiz	Harrison	0.116%	0.116%	0.000%	0.000%	0.000%	0.000%	275 Oak Park Road	Cadiz	OH	43907	
56	UTC019046000	Kenneth W. Campbell, Jr.	Yes	0.500	0.257	0.061%	05-0001873.002	Cadiz	Harrison	0.061%	0.061%	0.000%	0.000%	0.000%	0.000%	60659 Main St.	Jacobusburg	OH	45933	
56	OPEN	Alice Anne Castelfrío	No	0.250	0.129	0.030%	05-0001873.002	Cadiz	Harrison	0.030%	0.030%	0.000%	0.000%	0.000%	0.000%	2405 Olson Drive	Kettering	OH	45420	
56	UTC019047000	Robert C. Baxter, aka Robert C. Baxter, II	Yes	0.250	0.129	0.030%	05-0001873.002	Cadiz	Harrison	0.030%	0.030%	0.000%	0.000%	0.000%	0.000%	1204 Chateau Drive	Kettering	OH	45429	
57	UTC019046000	Kenneth W. Campbell, Jr.	Yes	0.500	0.070	0.017%	05-0001873.003	Cadiz	Harrison	0.017%	0.017%	0.000%	0.000%	0.000%	0.000%	60659 Main St.	Jacobusburg	OH	43933	
57	OPEN	Alice Anne Castelfrío	No	0.250	0.035	0.008%	05-0001873.003	Cadiz	Harrison	0.008%	0.008%	0.000%	0.000%	0.000%	0.000%	2405 Olson Drive	Kettering	OH	45429	
57	UTC019047000	Robert C. Baxter, aka Robert C. Baxter, II	Yes	0.250	0.035	0.008%	05-0001873.003	Cadiz	Harrison	0.008%	0.008%	0.000%	0.000%	0.000%	0.000%	1204 Chateau Drive	Kettering	OH	45429	
58	UTC019046000	Kenneth W. Campbell, Jr.	Yes	1.000	0.369	0.087%	05-0000159.000	Cadiz	Harrison	0.087%	0.087%	0.000%	0.000%	0.000%	0.000%	60659 Main St.	Jacobusburg	OH	43933	
59	UTC033835000	MCI1801, LLC	Yes	1.000	0.945	0.224%	05-0001851.000	Cadiz	Harrison	0.224%	0.224%	0.000%	0.000%	0.000%	0.000%	715 Tanglewood Drive	Springfield	OH	45504	
60	UTC019444000	Liggett Enterprises, LTD	Yes	0.500	7.613	1.804%	05-0001873.000	Cadiz	Harrison	1.804%	1.804%	0.000%	0.000%	0.000%	0.000%	242 Jade Circle	Cantfield	OH	44406	
60	UTC019442000	Alice Anne Castelfrío	Yes	0.250	3.806	0.902%	05-0001873.000	Cadiz	Harrison	0.902%	0.902%	0.000%	0.000%	0.000%	0.000%	2405 Olson Drive	Kettering	OH	45420	
60	UTC019443000	Robert C. Baxter, aka Robert C. Baxter, II	Yes	0.250	3.806	0.902%	05-0001873.000	Cadiz	Harrison	0.902%	0.902%	0.000%	0.000%	0.000%	0.000%	1204 Chateau Drive	Kettering	OH	45429	
61	UTC019444000	Liggett Enterprises, LTD	Yes	0.500	3.495	0.838%	05-0002295.000	Cadiz	Harrison	0.838%	0.838%	0.000%	0.000%	0.000%	0.000%	242 Jade Circle	Cantfield	OH	44406	
61	UTC019442000	Alice Anne Castelfrío	Yes	0.250	1.748	0.414%	05-0002295.000	Cadiz	Harrison	0.414%	0.414%	0.000%	0.000%	0.000%	0.000%	2405 Olson Drive	Kettering	OH	45420	
61	UTC019443000	Robert C. Baxter, aka Robert C. Baxter, II	Yes	0.250	1.748	0.414%	05-0002295.000	Cadiz	Harrison	0.414%	0.414%	0.000%	0.000%	0.000%	0.000%	1204 Chateau Drive	Kettering	OH	45429	

Tract Number	Lease ID Number	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	Ascent Utica Minerals Working Interest Percentage	RHDK Oil & Gas Working Interest Percentage	EAP Ohio, LLC Working Interest Percentage	Burf Energy, LLC Working Interest Percentage	Address	City	State	Zip	Changes
62	Consenting Mineral Interest	Ascent Utica Minerals, LLC	No -	1.000	66.423	15.740%	05-40001825.000	Cadiz	Harrison	15.740%	0.000%	15.740%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
63	UTC033308001	Harrison County Fairgrounds c/o Board of County Commissioners of Harrison County, Ohio	Yes	1.000	0.002	0.0005%	05-40002431.000	Cadiz	Harrison	0.0005%	0.0005%	0.000%	0.000%	0.000%	0.000%	100 West Market Street	Cadiz	OH	43907	
64	UTC019053600	Harrison County Board of Commissioners	Yes	1.000	1.113	0.264%	05-40001287.006	Cadiz	Harrison	0.264%	0.264%	0.000%	0.000%	0.000%	0.000%	100 West Market Street	Cadiz	OH	43907	
65	UTC019052600	Eastern Ohio Housing Development Corporation	Yes	1.000	0.726	0.172%	05-40001287.004	Cadiz	Harrison	0.172%	0.172%	0.000%	0.000%	0.000%	0.000%	PO Box 388	Lansing	OH	43934	
66	OPEN	Cadiz Homes Limited Partnership	No	1.000	1.408	0.334%	05-40001287.008	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	500 S. Front Street, 10th Floor	Columbus	OH	43215	
67	UTC019052000	Eastern Ohio Housing Development Corporation	Yes	1.000	0.104	0.025%	05-40001287.003	Cadiz	Harrison	0.025%	0.025%	0.000%	0.000%	0.000%	0.000%	PO Box 388	Lansing	OH	43934	
68	OPEN	Cadiz Homes Limited Partnership	No	1.000	0.001	0.0002%	05-40001287.007	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	500 S. Front Street, 10th Floor	Columbus	OH	43215	
69	UTC019053000	Harrison County Board of Commissioners	Yes	1.000	0.098	0.023%	05-40001287.002	Cadiz	Harrison	0.023%	0.023%	0.000%	0.000%	0.000%	0.000%	100 West Market Street	Cadiz	OH	43907	
70	UTC019053000	Harrison County Board of Commissioners	Yes	1.000	1.034	0.245%	05-40001287.005	Cadiz	Harrison	0.245%	0.245%	0.000%	0.000%	0.000%	0.000%	100 West Market Street	Cadiz	OH	43907	
71a	OPEN	Gables at Countryside Lane II, LLC	No	1.000	2.700	0.640%	05-40001287.000	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	600 Countryside Lane	Cadiz	OH	43907	
71b	OPEN	The Village of Cadiz	No	1.000	0.834	0.198%	05-40001287.000	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	128 Court St.	Cadiz	OH	43907	
72	OPEN	Gables at Countryside Lane II, LLC	No	1.000	1.007	0.239%	05-40001286.000	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	600 Countryside Lane	Cadiz	OH	43907	
73a	OPEN	Muddy Run Limited Partnership	No	1.000	4.060	0.962%	05-40001287.001	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	500 S. Front Street, 10th Floor	Columbus	OH	43215	
73b	OPEN	The Village of Cadiz	No	1.000	0.664	0.157%	05-40001287.001	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	128 Court St.	Cadiz	OH	43907	
74	OPEN	Muddy Run Limited Partnership	No	1.000	1.543	0.366%	05-40001286.001	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	500 S. Front Street, 10th Floor	Columbus	OH	43215	
75a	OPEN	Cadiz Homes Limited Partnership	No	1.000	1.506	0.357%	05-40001287.009	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	500 S. Front Street, 10th Floor	Columbus	OH	43215	
75b	OPEN	The Village of Cadiz	No	1.000	0.278	0.066%	05-40001287.009	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	128 Court St.	Cadiz	OH	43907	
76a	OPEN	Cadiz Homes Limited Partnership	No	1.000	1.055	0.250%	05-40001286.002	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	500 S. Front Street, 10th Floor	Columbus	OH	43215	
76b	OPEN	The Village of Cadiz	No	1.000	0.018	0.004%	05-40001286.002	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	128 Court St.	Cadiz	OH	43907	
77	Consenting Mineral Interest	Ascent Utica Minerals, LLC	No -	1.000	8.069	1.912%	05-40001835.000	Cadiz	Harrison	1.912%	0.000%	1.912%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
78	UTC019438000	H. Jean Davis	Yes	1.000	1.658	0.393%	05-4000143.001	Cadiz	Harrison	0.393%	0.393%	0.000%	0.000%	0.000%	0.000%	624 Grant Street	Cadiz	OH	43907	
79	UTC038320000	Nan Matern	Yes	1.000	2.159	0.512%	05-4000143.000	Cadiz	Harrison	0.000%	0.512%	0.000%	0.000%	0.000%	0.000%	315 Jamison Avenue	Cadiz	OH	43907	
80	UTC033720001	James S. Huber, Jr.	Yes	0.500	0.265	0.063%	05-40002013.000	Cadiz	Harrison	0.063%	0.063%	0.000%	0.000%	0.000%	0.000%	9217 Foliage Lane	Munster	IN	46321	
81	UTC028685000	Michael George Huber	Yes	0.500	0.265	0.063%	05-40002013.000	Cadiz	Harrison	0.063%	0.063%	0.000%	0.000%	0.000%	0.000%	636 Kerr Avenue	Cadiz	OH	43907	
82	UTC038356000	Non S. Matern	Yes	1.000	0.637	0.151%	05-4000144.000	Cadiz	Harrison	0.000%	0.151%	0.000%	0.000%	0.000%	0.000%	315 Jamison Avenue	Cadiz	OH	43907	
83	UTC035052001	Douglas E. Johnson	Yes	1.000	0.113	0.027%	05-40002143.002	Cadiz	Harrison	0.027%	0.027%	0.000%	0.000%	0.000%	0.000%	640 Grant Street	Cadiz	OH	43907	
83	UTC035052001	Jacqueline M. Leader	Yes	0.500	0.501	0.213%	05-40001868.001	Cadiz	Harrison	0.213%	0.213%	0.000%	0.000%	0.000%	0.000%	643 Grant Street	Cadiz	OH	43907	
83	UTC035050001	John C. Vlach	Yes	0.500	0.501	0.213%	05-40001868.001	Cadiz	Harrison	0.213%	0.213%	0.000%	0.000%	0.000%	0.000%	641 Grant Street	Cadiz	OH	43907	
84	PENDING	John Scott Rassel and Jean Lynn Rassel, husband and wife, joint tenants with the right of survivorship	Yes	1.000	1.985	0.470%	05-40000113.000	Cadiz	Harrison	0.470%	0.470%	0.000%	0.000%	0.000%	0.000%	637 Grant Street	Cadiz	OH	43907	
85	Consenting Mineral Interest	Ascent Utica Minerals, LLC	No -	1.000	0.658	0.156%	05-40000114.000	Cadiz	Harrison	0.156%	0.000%	0.156%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
86	Consenting Mineral Interest	Ascent Utica Minerals, LLC	No -	1.000	0.207	0.049%	05-40000114.001	Cadiz	Harrison	0.049%	0.000%	0.049%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
87	UTC033726000	Richard K. Harston	Yes	1.000	0.526	0.125%	05-40001124.000	Cadiz	Harrison	0.125%	0.125%	0.000%	0.000%	0.000%	0.000%	623 Grant Street	Cadiz	OH	43907	
88	UTC019499000	Richard A. McPeak and Dauratha Hytko, husband and wife	Yes	1.000	0.356	0.084%	05-40000032.000	Cadiz	Harrison	0.084%	0.084%	0.000%	0.000%	0.000%	0.000%	617 Grant St.	Cadiz	OH	43907	
89	UTC028768000	Andrew Brown	Yes	1.000	0.099	0.023%	05-40001348.000	Cadiz	Harrison	0.023%	0.023%	0.000%	0.000%	0.000%	0.000%	601 Grant Street	Cadiz	OH	43907	
90	UTC028768000	Andrew Brown	Yes	1.000	0.099	0.023%	05-40001347.000	Cadiz	Harrison	0.023%	0.023%	0.000%	0.000%	0.000%	0.000%	601 Grant Street	Cadiz	OH	43907	
91	UTC028768000	Andrew Brown	Yes	1.000	0.031	0.007%	05-40001350.000	Cadiz	Harrison	0.007%	0.007%	0.000%	0.000%	0.000%	0.000%	601 Grant Street	Cadiz	OH	43907	
92	UTC028768000	Andrew Brown	Yes	1.000	0.787	0.186%	05-40001349.000	Cadiz	Harrison	0.186%	0.186%	0.000%	0.000%	0.000%	0.000%	601 Grant Street	Cadiz	OH	43907	
93	UTC019439000	Richard A. McPeak and Dauratha Hytko, husband and wife	Yes	1.000	0.685	0.162%	05-40000031.000	Cadiz	Harrison	0.162%	0.162%	0.000%	0.000%	0.000%	0.000%	617 Grant St.	Cadiz	OH	43907	
94	UTC033726000	Richard K. Harston	Yes	1.000	1.072	0.254%	05-40001125.000	Cadiz	Harrison	0.254%	0.254%	0.000%	0.000%	0.000%	0.000%	623 Grant Street	Cadiz	OH	43907	
95	Consenting Mineral Interest	Ascent Utica Minerals, LLC	No -	1.000	1.467	0.348%	05-40000115.000	Cadiz	Harrison	0.348%	0.000%	0.348%	0.000%	0.000%	0.000%	PO Box 13678	Oklahoma City	OK	73113	Corrected Format
96	UTC029920000	Bounty Minerals, LLC	Yes	0.667	0.433	0.103%	05-40001865.003	Cadiz	Harrison	0.103%	0.103%	0.000%	0.000%	0.000%	0.000%	777 Main Street, Suite 3400	Fort Worth	TX	76102	
96	RHDK Oil & Gas	RHDK Investments, LLC	Yes	0.333	0.217	0.051%	05-40001865.003	Cadiz	Harrison	0.051%	0.000%	0.000%	0.051%	0.000%	0.000%	3506 ST RT 39 SW	Dover	OH	44622	
97	UTC029920000	Bounty Minerals, LLC	Yes	0.667	0.182	0.043%	05-40001865.005	Cadiz	Harrison	0.043%	0.043%	0.000%	0.000%	0.000%	0.000%	777 Main Street, Suite 3400	Fort Worth	TX	76102	



# Cypress NE CDZ HR Unit Chief's Order Exhibit B



## CYPRESS NE CDZ HR EXHIBIT B-1



1 in = 2,083 ft

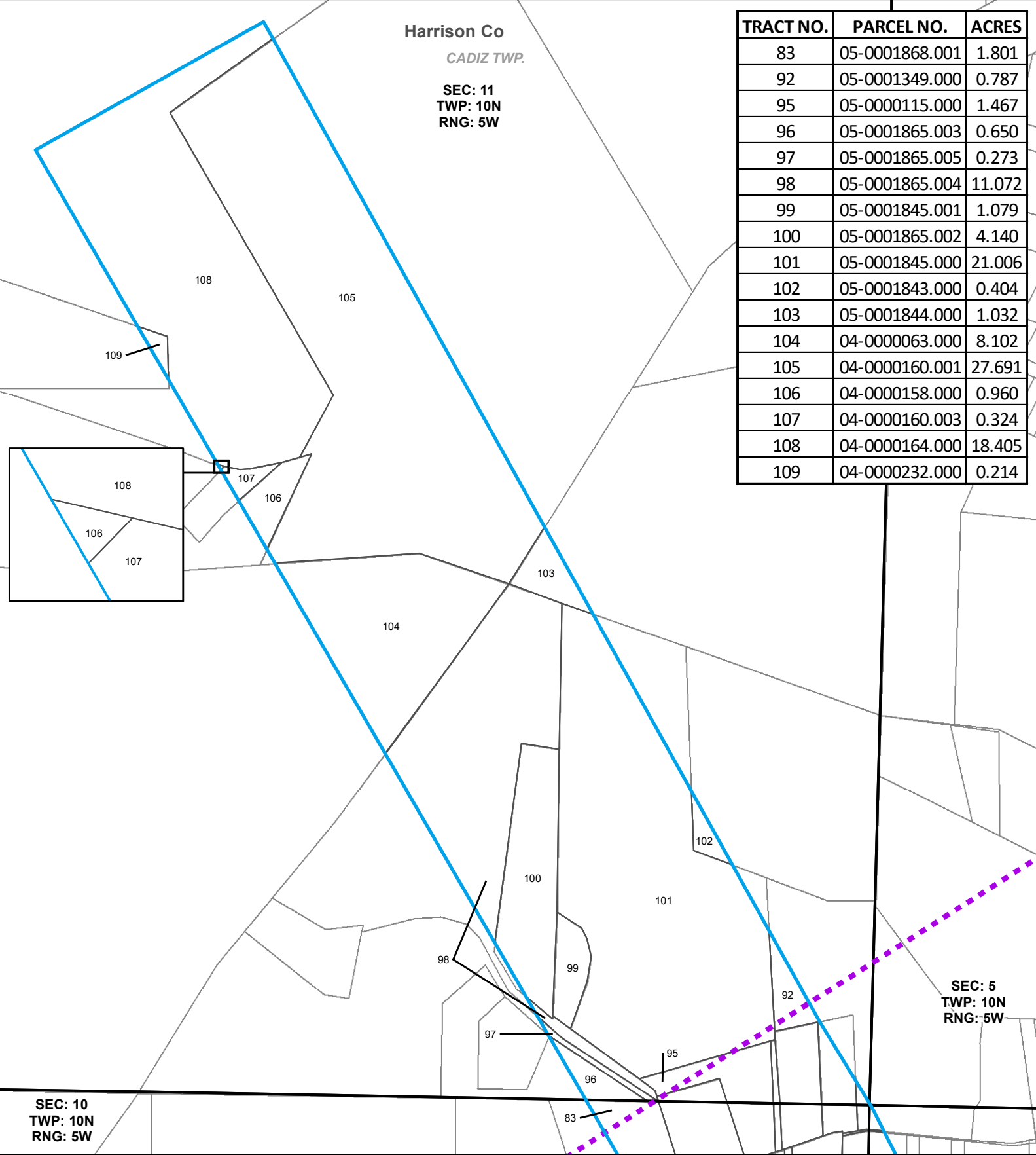
**Legend**

- Counties
- Townships
- PLSS Section
- CYPRESS NE CDZ HR - 422.004 Ac.
- Tax Parcels

Harrison Co  
CADIZ TWP.

SEC: 11  
TWP: 10N  
RNG: 5W

TRACT NO.	PARCEL NO.	ACRES
83	05-0001868.001	1.801
92	05-0001349.000	0.787
95	05-0000115.000	1.467
96	05-0001865.003	0.650
97	05-0001865.005	0.273
98	05-0001865.004	11.072
99	05-0001845.001	1.079
100	05-0001865.002	4.140
101	05-0001845.000	21.006
102	05-0001843.000	0.404
103	05-0001844.000	1.032
104	04-0000063.000	8.102
105	04-0000160.001	27.691
106	04-0000158.000	0.960
107	04-0000160.003	0.324
108	04-0000164.000	18.405
109	04-0000232.000	0.214

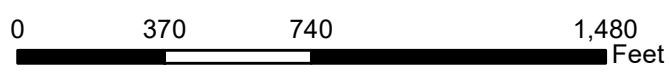


SEC: 10  
TWP: 10N  
RNG: 5W

SEC: 5  
TWP: 10N  
RNG: 5W



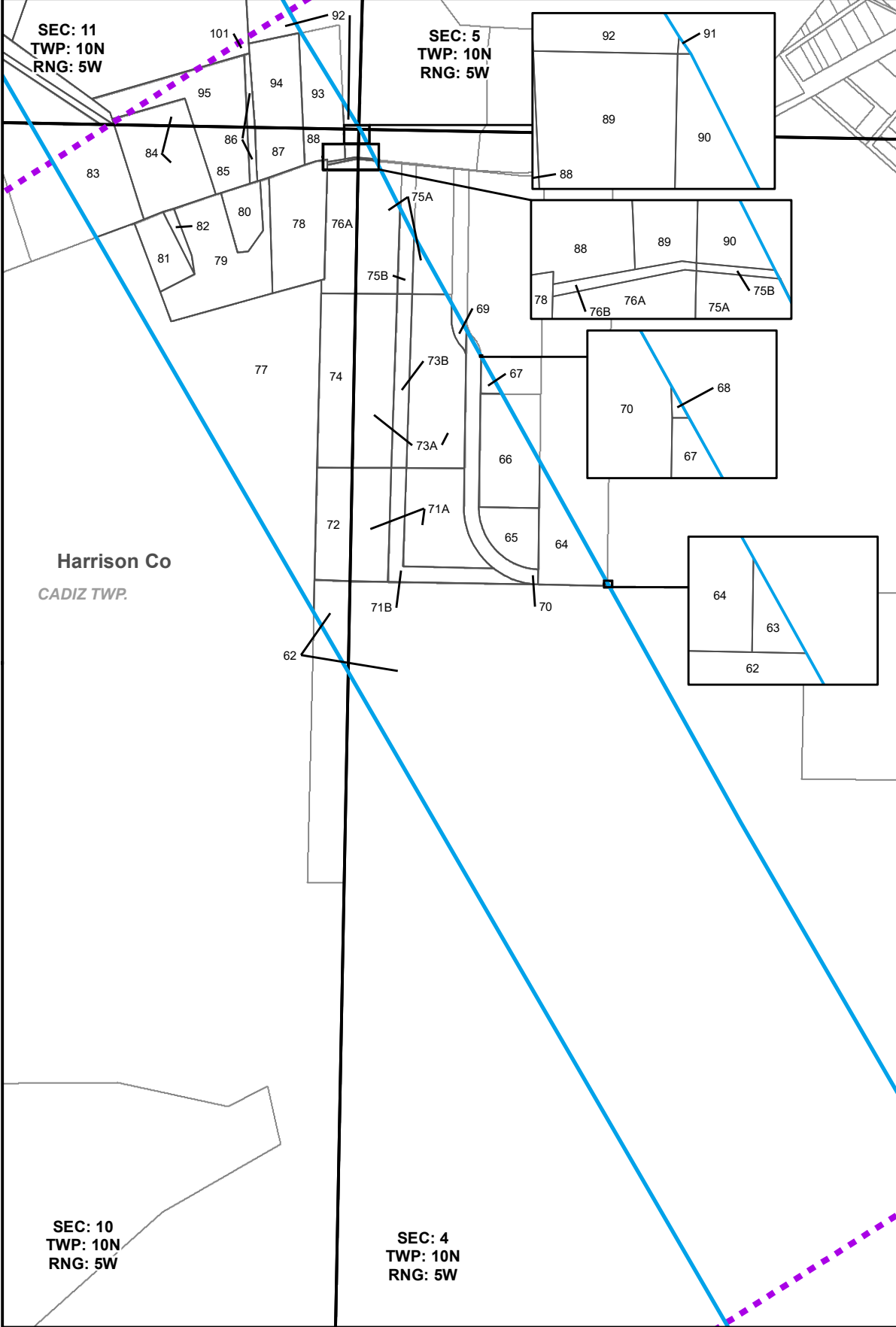
CYPRESS NE CDZ HR  
EXHIBIT B-2



1 in = 483 ft

**Legend**

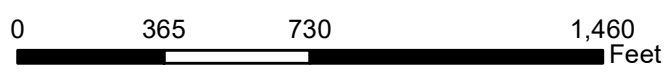
- Counties
- Townships
- PLS Section
- CYPRESS NE CDZ HR - 422.004 Ac.
- Tax Parcels



TRACT NO.	PARCEL NO.	ACRES
62	05-0001825.000	66.423
63	05-0002431.000	0.002
64	05-0001287.006	1.113
65	05-0001287.004	0.726
66	05-0001287.008	1.408
67	05-0001287.003	0.104
68	05-0001287.007	0.001
69	05-0001287.002	0.098
70	05-0001287.005	1.034
71a	05-0001287.000	2.700
71b	05-0001287.000	0.834
72	05-0001286.000	1.007
73a	05-0001287.001	4.060
73b	05-0001287.001	0.664
74	05-0001286.001	1.543
75a	05-0001287.009	1.506
75b	05-0001287.009	0.278
76a	05-0001286.002	1.055
76b	05-0001286.002	0.018
77	05-0001835.000	8.069
78	05-0002143.001	1.658
79	05-0002143.000	2.159
80	05-0002013.000	0.529
81	05-0002144.000	0.637
82	05-0002143.002	0.113
83	05-0001868.001	1.801
84	05-0000113.000	1.985
85	05-0000114.000	0.658
86	05-0000114.001	0.207
87	05-0001124.000	0.526
88	05-0000032.000	0.356
89	05-0001348.000	0.099
90	05-0001347.000	0.036
91	05-0001350.000	0.031
92	05-0001349.000	0.787
93	05-0000031.000	0.685
94	05-0001125.000	1.072
95	05-0000115.000	1.467
101	05-0001845.000	21.006



CYPRESS NE CDZ HR  
EXHIBIT B-3



1 in = 479 ft

**Legend**

- CYPRESS NE CDZ HR - 422.004 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels



Harrison Co

CADIZ TWP.

SEC: 4  
TWP: 10N  
RNG: 5W

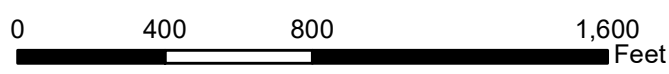


TRACT NO.	PARCEL NO.	ACRES
7	05-0001821.000	20.123
8	05-0001821.001	4.785
9	05-0001877.000	0.379
10	05-0001876.000	7.319
11	05-0001876.001	0.013
12	05-0002185.001	1.442
13	05-0002391.000	6.443
14	05-0002391.002	0.635
15	05-0002391.006	0.004
16	05-0002391.001	0.742
17	05-0002392.000	0.359
18	05-0002393.000	0.011
19	05-0002391.005	0.873
20	05-0002157.000	0.608
21	05-0002138.000	0.233
22	05-0001344.000	0.820
23	05-0002300.000	0.559
24	05-0001544.000	1.414
25	05-0000348.000	0.616
26	05-0000349.000	0.722
27	05-0000010.000	0.520
28	05-0000157.000	0.529
29	05-0000064.000	0.531
30	05-0001682.000	0.516
31	05-0001681.000	0.365
32	05-0000658.000	0.501
33	05-0001345.000	0.878
34	05-0001688.000	0.842
35	05-0000353.000	0.242
36	05-0000352.000	0.638
37	05-0001140.000	0.664
38	05-0001388.000	0.040
39	05-0001387.000	0.615
40	05-0000790.002	0.851
41	05-0000790.000	0.710
42	05-0000790.001	0.801
43	05-0000781.000	0.783
44	05-0000782.000	0.021
45	05-0000785.000	0.219
46	05-0002185.003	5.540
47	05-0001851.001	1.031
48	05-0001518.000	0.377
49	05-0001518.001	0.142
50	05-0001519.000	0.270
51	05-0001003.000	0.259
52	05-0001002.000	0.457
53	05-0000455.000	0.004
54	05-0001873.001	0.029
55	05-0000456.000	0.490
56	05-0001873.002	0.514
57	05-0001873.003	0.140
58	05-0000039.000	0.369
59	05-0001851.000	0.945
60	05-0001873.000	15.225
61	05-0002295.000	6.990
62	05-0001825.000	66.423

SEC: 3  
TWP: 10N  
RNG: 5W



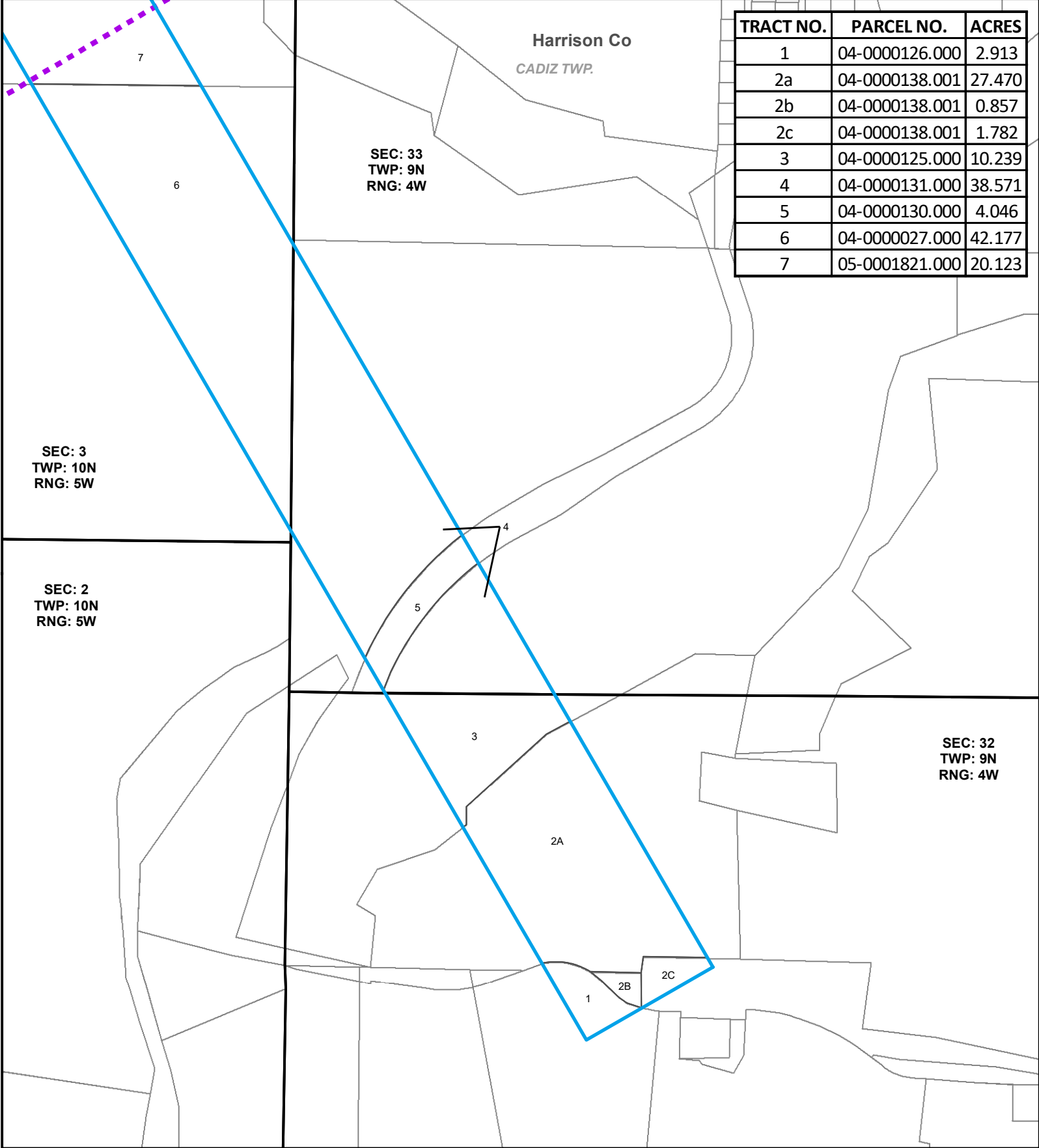
CYPRESS NE CDZ HR  
EXHIBIT B-4



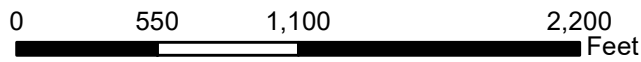
1 in = 521 ft

**Legend**

- CYPRESS NE CDZ HR - 422.004 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels



CYPRESS NE CDZ HR  
EXHIBIT B-5



1 in = 750 ft

**Legend**

- CYPRESS NE CDZ HR - 422.004 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels

TRACT NO.	PARCEL NO.	ACRES	EXHIBIT	TRACT NO.	PARCEL NO.	ACRES	EXHIBIT
1	04-0000126.000	2.913	B-5	58	05-0000039.000	0.369	B-4
2a	04-0000138.001	27.470	B-5	59	05-0001851.000	0.945	B-4
2b	04-0000138.001	0.857	B-5	60	05-0001873.000	15.225	B-4
2c	04-0000138.001	1.782	B-5	61	05-0002295.000	6.990	B-4
3	04-0000125.000	10.239	B-5	62	05-0001825.000	66.423	B-3/B-4
4	04-0000131.000	38.571	B-5	63	05-0002431.000	0.002	B-3
5	04-0000130.000	4.046	B-5	64	05-0001287.006	1.113	B-3
6	04-0000027.000	42.177	B-5	65	05-0001287.004	0.726	B-3
7	05-0001821.000	20.123	B-4/B-5	66	05-0001287.008	1.408	B-3
8	05-0001821.001	4.785	B-4	67	05-0001287.003	0.104	B-3
9	05-0001877.000	0.379	B-4	68	05-0001287.007	0.001	B-3
10	05-0001876.000	7.319	B-4	69	05-0001287.002	0.098	B-3
11	05-0001876.001	0.013	B-4	70	05-0001287.005	1.034	B-3
12	05-0002185.001	1.442	B-4	71a	05-0001287.000	2.700	B-3
13	05-0002391.000	6.443	B-4	71b	05-0001287.000	0.834	B-3
14	05-0002391.002	0.635	B-4	72	05-0001286.000	1.007	B-3
15	05-0002391.006	0.004	B-4	73a	05-0001287.001	4.060	B-3
16	05-0002391.001	0.742	B-4	73b	05-0001287.001	0.664	B-3
17	05-0002392.000	0.359	B-4	74	05-0001286.001	1.543	B-3
18	05-0002393.000	0.011	B-4	75a	05-0001287.009	1.506	B-3
19	05-0002391.005	0.873	B-4	75b	05-0001287.009	0.278	B-3
20	05-0002157.000	0.608	B-4	76a	05-0001286.002	1.055	B-3
21	05-0002138.000	0.233	B-4	76b	05-0001286.002	0.018	B-3
22	05-0001344.000	0.820	B-4	77	05-0001835.000	8.069	B-3
23	05-0002300.000	0.559	B-4	78	05-0002143.001	1.658	B-3
24	05-0001544.000	1.414	B-4	79	05-0002143.000	2.159	B-3
25	05-0000348.000	0.616	B-4	80	05-0002013.000	0.529	B-3
26	05-0000349.000	0.722	B-4	81	05-0002144.000	0.637	B-3
27	05-0000010.000	0.520	B-4	82	05-0002143.002	0.113	B-3
28	05-0000157.000	0.529	B-4	83	05-0001868.001	1.801	B-2/B-3
29	05-0000064.000	0.531	B-4	84	05-0000113.000	1.985	B-3
30	05-0001682.000	0.516	B-4	85	05-0000114.000	0.658	B-3
31	05-0001681.000	0.365	B-4	86	05-0000114.001	0.207	B-3
32	05-0000658.000	0.501	B-4	87	05-0001124.000	0.526	B-3
33	05-0001345.000	0.878	B-4	88	05-0000032.000	0.356	B-3
34	05-0001688.000	0.842	B-4	89	05-0001348.000	0.099	B-3
35	05-0000353.000	0.242	B-4	90	05-0001347.000	0.036	B-3
36	05-0000352.000	0.638	B-4	91	05-0001350.000	0.031	B-3
37	05-0001140.000	0.664	B-4	92	05-0001349.000	0.787	B-2/B-3
38	05-0001388.000	0.040	B-4	93	05-0000031.000	0.685	B-3
39	05-0001387.000	0.615	B-4	94	05-0001125.000	1.072	B-3
40	05-0000790.002	0.851	B-4	95	05-0000115.000	1.467	B-2/B-3
41	05-0000790.000	0.710	B-4	96	05-0001865.003	0.650	B-2
42	05-0000790.001	0.801	B-4	97	05-0001865.005	0.273	B-2
43	05-0000781.000	0.783	B-4	98	05-0001865.004	11.072	B-2
44	05-0000782.000	0.021	B-4	99	05-0001845.001	1.079	B-2
45	05-0000785.000	0.219	B-4	100	05-0001865.002	4.140	B-2
46	05-0002185.003	5.540	B-4	101	05-0001845.000	21.006	B-2/B-3
47	05-0001851.001	1.031	B-4	102	05-0001843.000	0.404	B-2
48	05-0001518.000	0.377	B-4	103	05-0001844.000	1.032	B-2
49	05-0001518.001	0.142	B-4	104	04-0000063.000	8.102	B-2
50	05-0001519.000	0.270	B-4	105	04-0000160.001	27.691	B-2
51	05-0001003.000	0.259	B-4	106	04-0000158.000	0.960	B-2
52	05-0001002.000	0.457	B-4	107	04-0000160.003	0.324	B-2
53	05-0000455.000	0.004	B-4	108	04-0000164.000	18.405	B-2
54	05-0001873.001	0.029	B-4	109	04-0000232.000	0.214	B-2
55	05-0000456.000	0.490	B-4		TOTAL:	422.004	
56	05-0001873.002	0.514	B-4				
57	05-0001873.003	0.140	B-4				

## CYPRESS NE CDZ HR MAP TABLE

