

Notice of Hearing

ON AN APPLICATION FOR UNIT OPERATIONS



OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS RESOURCES MANAGEMENT
2045 Morse Road, F-3 • Columbus, OH 43229

NOTICE DATE:

Why Am I Receiving this Notice?

You are receiving this notice because the Division of Oil and Gas Resources Management (Division) has received an application pursuant to Ohio Revised Code 1509.28 for a unitization order. The applicant listed you in its application as having an interest or potential interest within the proposed oil and gas drilling unit.

A virtual hearing on the unitization application will be held on Webex, and you may choose to join. Hearings may last up to two hours. Any changes to the hearing date and time, such as cancellations or continuances, will be posted to the Division's website:

<https://oilandgas.ohiodnr.gov/unitization>

What Happens at the Hearing?

At the hearing, the applicant will present witnesses in support of its application for unitization. Then, anyone with an interest or potential interest in the proposed unit and anyone else who may be adversely affected by an order on the application will have an opportunity to present questions and concerns to the Division. A court reporter will create a record of the hearing.

Do I Have to Attend the Hearing?

Your attendance at the hearing is optional.

How Do I Attend the Hearing?

You can join the hearing up to 15 minutes before its start time, from a device connected to the internet or by calling in via telephone.

- You do not have to speak if you join the hearing.
- If you join the hearing over an internet connection using a phone or tablet, you will need to download the Webex app.
- If you call in using your phone, or if you are using a web browser on a desktop computer, you do not need to download the Webex app.

Attend Hearing via Webex

[HTTPS://SIGNIN.WEBEX.COM/JOIN](https://signin.webex.com/join)

MEETING #:

MEETING PASSWORD:

Attend Hearing via Phone United States Toll-free

CALL:

ACCESS CODE:

How Do I Include My Comments on the Record?

If you speak at the hearing, your comments will be recorded. If you are unable to attend or uncomfortable speaking at the hearing but would like to include comments in the record, you may submit comments on this application by mail or email:

ODNR Division of Oil & Gas Resources Management
Unitization Section
2045 Morse Road, F-3
Columbus, Ohio 43229 or via email to unitization@dnr.ohio.gov

Who Filed

APPLICANT:

Proposed Drilling Location

UNIT NAME:

UNIT LOCATION:

Hearing Information

HEARING DATE:

HEARING TIME:

ATTACHMENTS:

SCAN TO JOIN MEETING



DEADLINE FOR COMMENTS

What Happens after the Hearing Is Held?

State law requires that within 60 days after the hearing the Division must issue an order approving or denying the application. All Chief's Orders are posted to the Division's website. The Chief of the Division must issue an order approving unitization if the applicant demonstrates that (1) the operation is reasonably necessary to increase substantially the ultimate recovery of oil and gas; and (2) the value of the estimated additional recovery of oil or gas exceeds the estimated additional cost incident to conducting the operation.

More Information

The Division has authority over the permitting, drilling, operating and plugging of oil and gas wells in Ohio. This authority ensures uniform statewide regulation of oil and gas activities and promotes conservation through the effective development of oil and gas resources for the "unitization" of tracts of lands.

Ohio law, like the laws of many oil and gas producing states, provides a means to combine mineral rights from individual tracts of land to form a drilling unit to efficiently and effectively develop the oil and/or gas resources beneath those tracts. Ohio Revised Code Section 1509.28 is commonly known as Ohio's unitization law.

Unitization is available when the owners of sixty-five percent of the land overlying a pool (or part of a pool) of oil and/or gas apply to the Division to operate the pool (or part of a pool) as a drilling unit.

After receiving a unitization application, the Division reviews it and, if it has been properly submitted, the Division sets a time for a hearing.

After the hearing, the Division considers all testimony presented at the hearing and any written comments received, and then decides if the application should be granted based upon the law. An order is then issued approving or denying the application. If the application is approved, the order establishing the unit will specify the terms and conditions for unit operation on a just and reasonable basis. An order approving the application allows the applicant to drill inside the unit once all other necessary permits have been obtained.

Following an approved application, an applicant may later request an amendment to the order. Amendments to a unit order must be made in the same manner and are subject to the same conditions as the order for unit operations, including that a hearing must be held on the request.

If You Have Questions Regarding Your Interest in the Proposed Unit:

General Information

<https://oilandgas.ohiodnr.gov/unitization>

Unitization@dnr.ohio.gov

(614) 265-6922



Ohio Revised Code 1509.28 Application for Unit Operations

Section 1. Applicant Information *Required*

1 Applicant Name:	Ascent Resources - Utica, LLC			Supplement
2 Mailing Address:	3501 NW 63rd Street			<input type="checkbox"/>
3 City / State / Zip:	Oklahoma City	OK	73116	<input type="checkbox"/>
4 Office Phone:	(405) 252-7715			<input type="checkbox"/>
5 Email:	john.schneider@ascentresources.com			<input type="checkbox"/>
6 Landman Name:	John Schneider			<input type="checkbox"/>
7 Mailing Address:	3501 NW 63rd Street			<input type="checkbox"/>
8 City / State / Zip:	Oklahoma City	OK	73116	<input type="checkbox"/>
9 Office Phone:	(405) 252-7715			<input type="checkbox"/>
10 Email:	john.schneider@ascentresources.com			<input type="checkbox"/>
<i>If applicable</i>				
11 Attorney Name:	Mark A. Hylton			<input type="checkbox"/>
12 Firm Name:	Vorys, Sater, Seymour and Pease LLP			<input type="checkbox"/>
13 Mailing Address:	52 East Gay Street			<input type="checkbox"/>
14 City / State / Zip:	Columbus	OH	43215	<input type="checkbox"/>
15 Office Phone:	(614) 464-6303			<input type="checkbox"/>
16 Email:	mahylton@vorys.com			<input type="checkbox"/>

Section 2. Unit Information *Required*

1 Unit Name:	Kroby S MDS GR Unit			
2 Unit Location: <i>Include all counties and townships</i>	Londonderry and Madison Townships, Guernsey County, Ohio			
3 Number of Tracts:	114			Supplement <input type="checkbox"/>
4 Total Unit Area: <i>In acres</i>	749.730 acres			<input type="checkbox"/>
5 (a) Number of Proposed Wells:	Two (2)			<input type="checkbox"/>
(b) Number of Existing Permitted & Drilled Wells: <i>Please identify by API Number and Well Name.</i>	N/A			<input type="checkbox"/>

Section 2 Unit Information - continued

6	Identification of the proposed pool or part of a pool:	Utica/Point Pleasant Formation	<i>Supplement</i>
7	Is this a request to amend an order for unit operations?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/>
8	If yes to question 7, explain why the request for amendment is being submitted:		
9	If yes to question 7, please identify the Chief's Order to be amended:		
10	Is the applicant the owner, or have the consent of the owner(s), (as defined in R.C. 1509.01 (K)) of at least 65% of the land overlying the pool or part of a pool that is the subject of the unitization request?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
11	If yes to question 10, what is the total acreage applicant is the owner of, and has the consent of the owner(s) of, in the proposed unit?	624.226 acres	<input type="checkbox"/>
12	If 70% or less of the acreage in the proposed unit is consenting acreage in the unit, identify the method that was used to determine the area:	<input type="checkbox"/> GPS <input type="checkbox"/> Survey <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Other: 	<input type="checkbox"/>
13	Does the unit include mineral interest owned by the State of Ohio? <i>If so, indicate the state agenc(ies) that own the mineral interest. If the state agency is unknown, list "unknown."</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Department of Transportation</div>	<input type="checkbox"/>

Section 3. Exhibits *Required*

Exhibit A	A list identifying all mineral owners in the proposed unit, leased or unleased, including all working interest owners, in PDF and Excel format	<i>Supplement</i>
Exhibit B	A plat map of the unit, identifying the counties, townships, section numbers, parcel boundaries, and all parcels in the unit, including the tract and corresponding parcel number	<input type="checkbox"/>
Exhibit C	A list identifying all parcels subject to pending ownership litigation or potential adverse ownership claims	<input type="checkbox"/>
Exhibit D	A color-coded map	<input type="checkbox"/>
Exhibit E	Gamma Ray Density or Gamma Ray resistivity geophysical type log <i>Optional only for requests to amend orders for unit operations</i>	<input type="checkbox"/>
Exhibit F	Cross-Section Location Map <i>Optional only for requests to amend orders for unit operations</i>	<input type="checkbox"/>
Exhibit G	Leasing Efforts & Affidavit of Leasing Efforts	<input type="checkbox"/>
Exhibit H	Owner List for Notice Purposes	<input type="checkbox"/>

Section 4. Mailing List (Excel) *Required*

Supplement

Section 5. Economic Calculation Summaries *Required*
Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
Kroby S MDS GR 2H	14,469	24,205	\$14.98	\$9.73	\$64.05	\$38.79	\$17.63	9.92	<input type="checkbox"/>
Kroby S MDS GR 4H	14,466	23,609	\$14.35	\$9.72	\$60.84	\$36.23	\$16.26	9.42	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	28,935	47,814	\$29.33	\$19.45	\$124.89	\$75.02	\$33.89	19.34	<input type="checkbox"/>

Non-Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
Kroby S MDS GR 2H	2,551	12,287	\$3.83	\$4.96	\$11.12	\$2.03	\$(0.20)	1.72	<input type="checkbox"/>
Kroby S MDS GR 4H	2,674	11,817	\$3.83	\$5.01	\$11.07	\$1.94	\$(0.27)	1.71	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	5,225	24,104	\$7.66	\$9.97	\$22.19	\$3.97	\$(0.47)	3.43	<input type="checkbox"/>

Difference

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
Kroby S MDS GR 2H	11,918	11,918	\$11.15	\$4.77	\$52.93	\$36.76	\$17.83	8.20	<input type="checkbox"/>
Kroby S MDS GR 4H	11,792	11,792	\$10.52	\$4.71	\$49.77	\$34.29	\$16.53	7.71	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	23,710	23,710	\$21.67	\$9.48	\$102.70	\$71.05	\$34.36	15.91	<input type="checkbox"/>

Section 6. Attachments *Required*

Working Interest Approvals Form(s)

Applicant's Operating Agreement

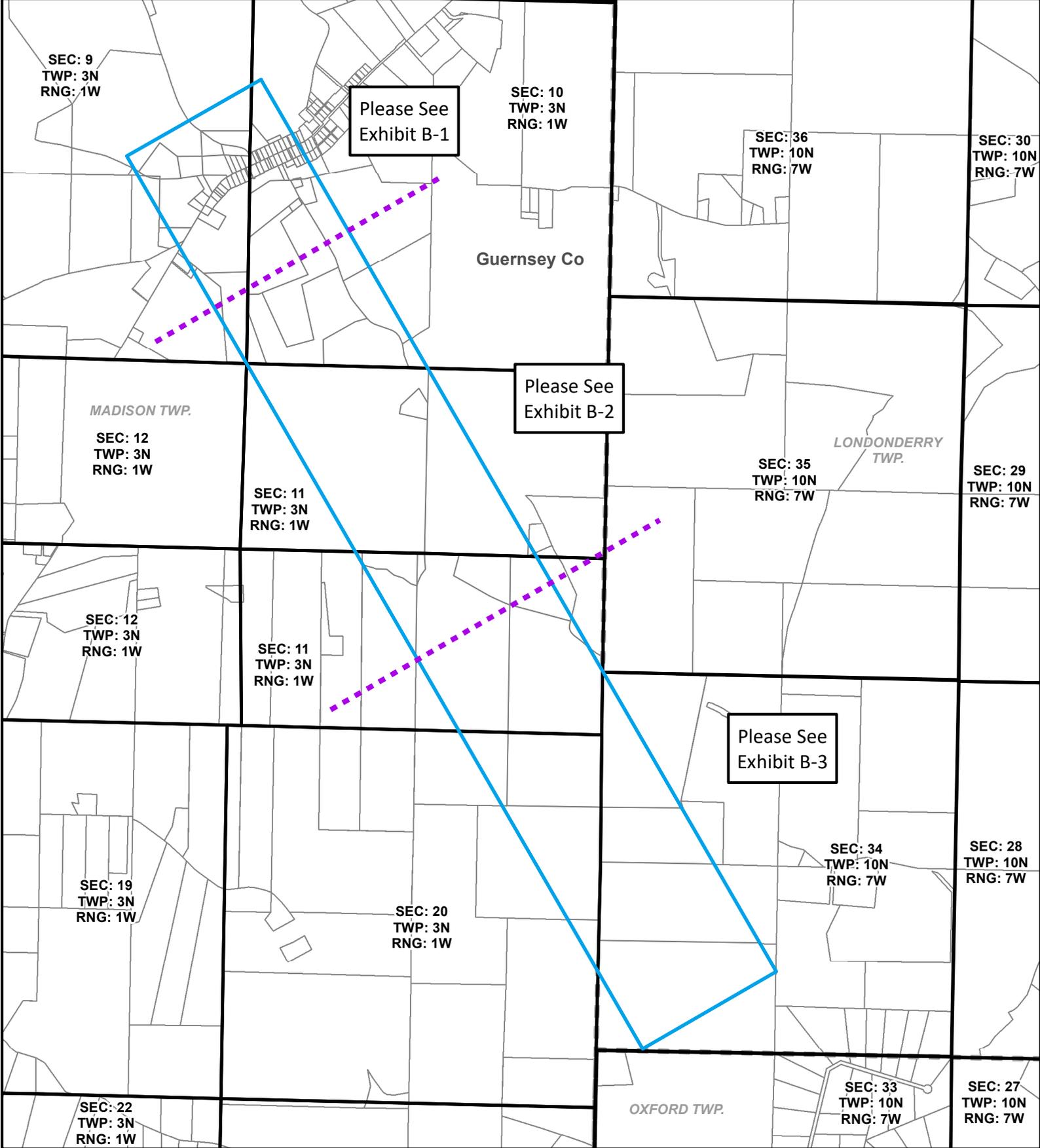
Affidavit of Operating Agreement (*if applicable*)

Georeferenced File

Optional only for requests to amend orders for unit operations

Supplement

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>



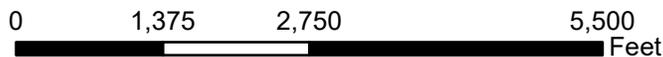
Please See Exhibit B-1

Please See Exhibit B-2

Please See Exhibit B-3



KROBY S MDS GR EXHIBIT B

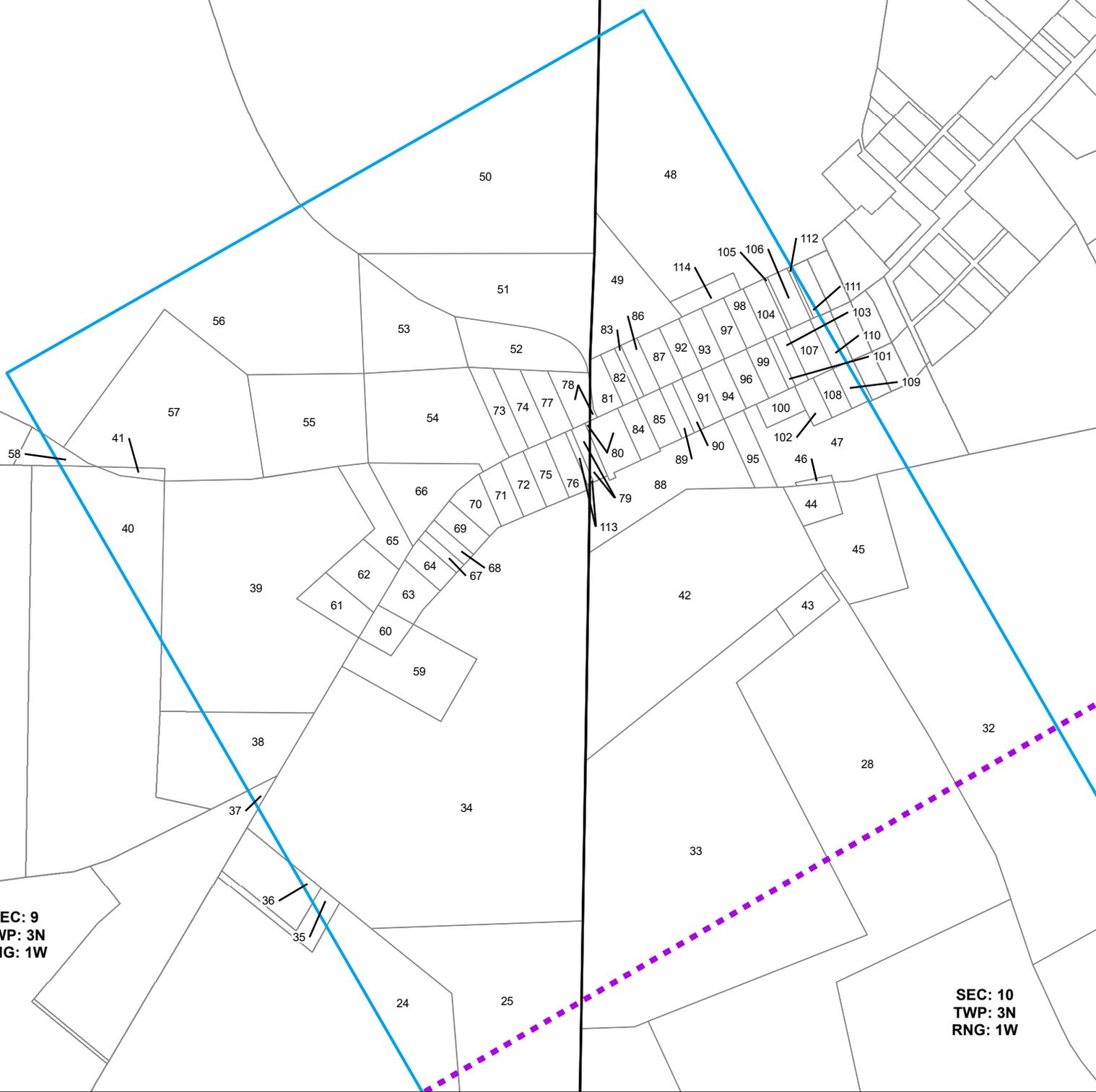


1 in = 1,792 ft

	KROBY S MDS GR - 749.730 Ac
	Counties
	Townships
	PLSS Section
	Tax Parcels

Guernsey Co

MADISON TWP.

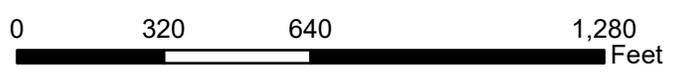


SEC: 9
TWP: 3N
RNG: 1W

SEC: 10
TWP: 3N
RNG: 1W



KROBY S MDS GR EXHIBIT B-1



1 in = 417 ft

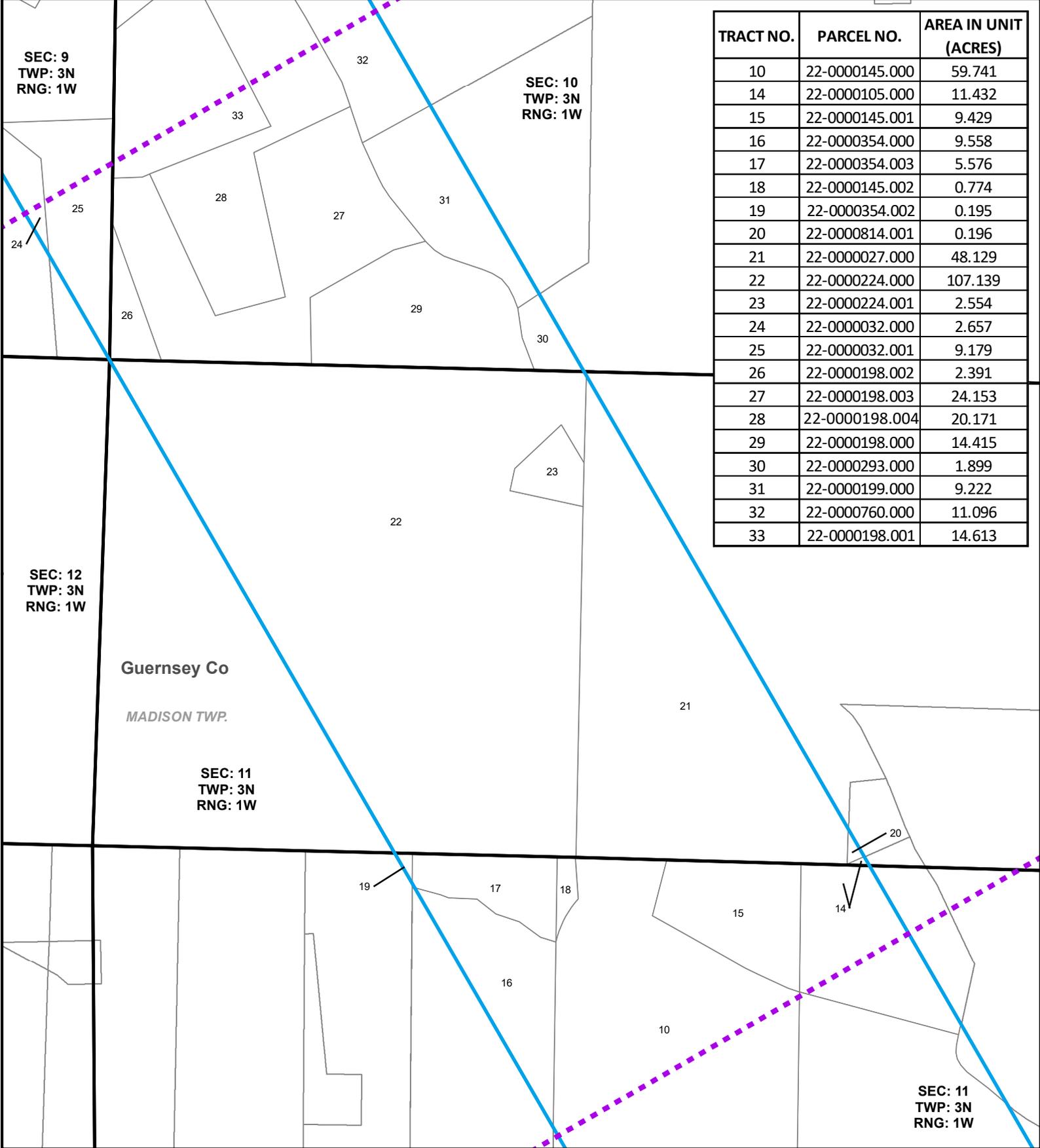
	KROBY S MDS GR - 749.730 Ac
	Counties
	Townships
	PLSS Section
	Tax Parcels

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)	TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
24	22-000032.000	2.657	72	22-0000440.000	0.311
25	22-000032.001	9.179	73	22-0000379.000	0.425
28	22-0000198.004	20.171	74	22-0000429.000	0.419
32	22-0000760.000	11.096	75	22-0000387.000	0.313
33	22-0000198.001	14.613	76	22-0000386.000	0.281
34	22-0000555.000	18.797	77	22-0000648.000	0.358
35	22-000032.002	0.114	78	22-0000366.000	0.355
36	22-0000337.000	0.088	79	22-0000402.000	0.182
37	22-0000798.000	0.070	80	22-0000404.000	0.442
38	22-0000210.000	1.046	81	22-0001043.000	0.259
39	22-0000210.002	8.452	82	22-0000423.000	0.183
40	22-0000210.001	1.759	83	22-0000422.000	0.082
41	22-0000210.003	0.119	84	22-0000403.000	0.261
42	22-0000012.000	7.801	85	22-0000414.000	0.281
43	22-0000235.000	0.408	86	22-0000424.000	0.205
44	22-0000335.000	0.364	87	22-0000425.000	0.287
45	22-0000759.000	1.627	88	22-0000666.000	1.920
46	22-0001134.001	0.040	89	22-0000413.000	0.156
47	22-0001134.000	1.804	90	22-0000409.000	0.124
48	22-0000166.000	6.516	91	22-0000432.000	0.247
49	22-0000323.000	1.367	92	22-0000381.000	0.256
50	22-0000823.000	8.081	93	22-0000419.000	0.288
51	22-0000324.000	2.938	94	22-0000378.000	0.279
52	22-0000320.000	1.048	95	22-0000331.000	0.348
53	22-0000013.000	1.679	96	22-0000397.000	0.281
54	22-0001042.000	2.437	97	22-0000417.000	0.288
55	22-0001044.000	2.228	98	22-0000401.000	0.257
56	22-0001391.001	7.033	99	22-0000405.000	0.248
57	22-0001391.000	4.400	100	22-0000173.000	0.235
58	22-0001239.000	0.112	101	22-0000427.000	0.086
59	22-0000556.000	1.389	102	22-0000426.000	0.185
60	22-0000141.001	0.320	103	22-0000428.000	0.161
61	22-0000059.000	0.473	104	22-0000420.000	0.271
62	22-0000114.000	0.562	105	22-0000398.001	0.042
63	22-0000141.000	0.433	106	22-0000398.000	0.257
64	22-0000400.000	0.254	107	22-0000377.000	0.303
65	22-0000534.000	0.650	108	22-0000370.000	0.201
66	22-0000236.000	0.993	109	22-0000371.000	0.157
67	22-0000399.000	0.117	110	22-0000376.000	0.145
68	22-0000367.000	0.149	111	22-0000391.000	0.043
69	22-0000369.000	0.274	112	22-0000391.001	0.039
70	22-0000368.000	0.317	113	22-0000385.000	0.079
71	22-0000421.000	0.299	114	22-0000166.002	0.261

KROBY S MDS GR

EXHIBIT B-1 MAP TABLE





TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
10	22-0000145.000	59.741
14	22-0000105.000	11.432
15	22-0000145.001	9.429
16	22-0000354.000	9.558
17	22-0000354.003	5.576
18	22-0000145.002	0.774
19	22-0000354.002	0.195
20	22-0000814.001	0.196
21	22-0000027.000	48.129
22	22-0000224.000	107.139
23	22-0000224.001	2.554
24	22-0000032.000	2.657
25	22-0000032.001	9.179
26	22-0000198.002	2.391
27	22-0000198.003	24.153
28	22-0000198.004	20.171
29	22-0000198.000	14.415
30	22-0000293.000	1.899
31	22-0000199.000	9.222
32	22-0000760.000	11.096
33	22-0000198.001	14.613



KROBY S MDS GR
EXHIBIT B-2



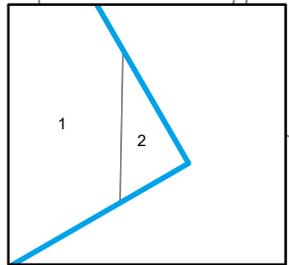
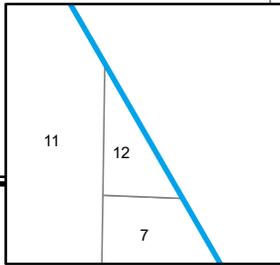
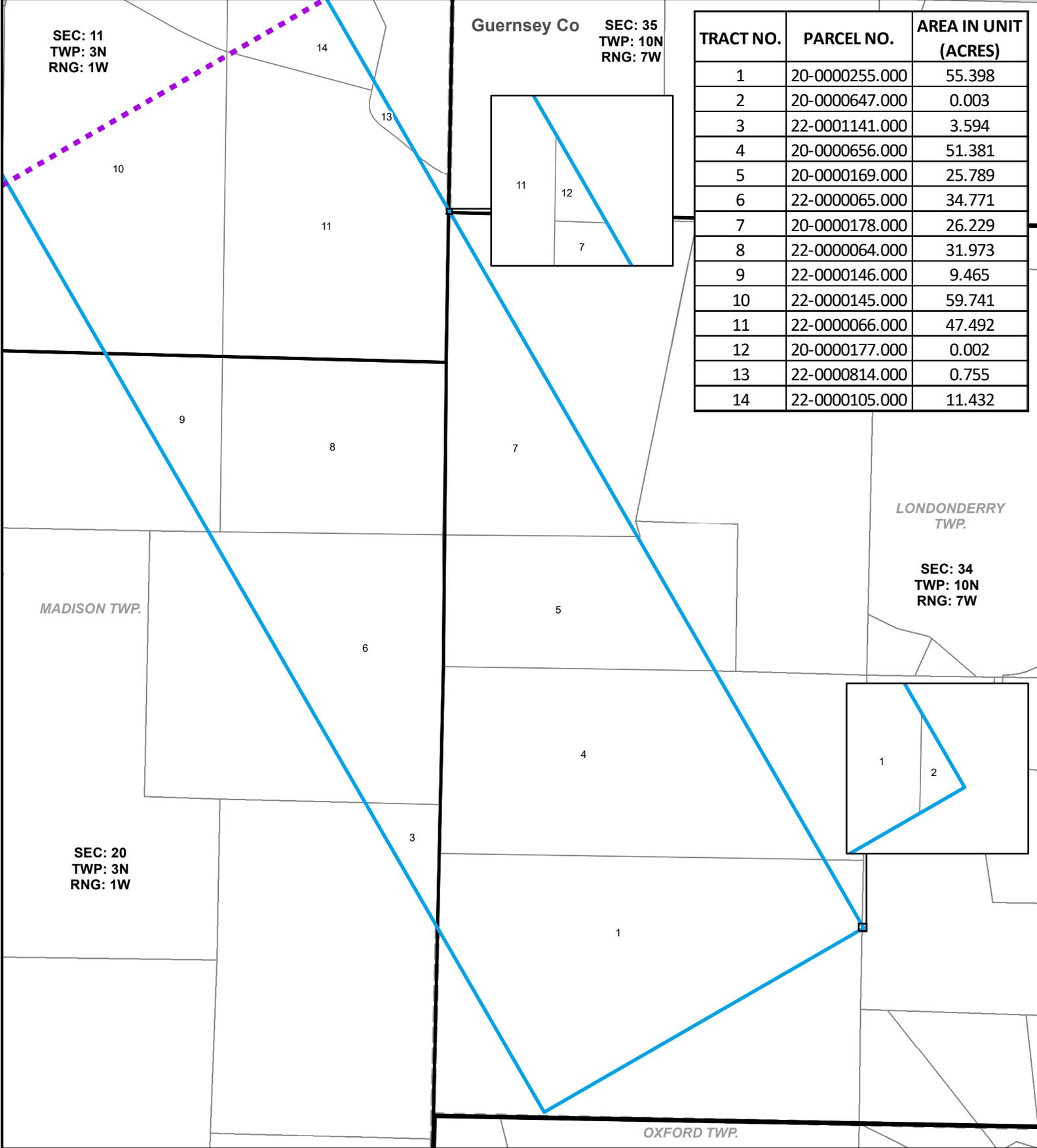
1 in = 683 ft

- KROBY S MDS GR - 749.730 Ac
- Counties
- Townships
- PLSS Section
- Tax Parcels

SEC: 11
TWP: 3N
RNG: 1W

Guernsey Co SEC: 35
TWP: 10N
RNG: 7W

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
1	20-0000255.000	55.398
2	20-0000647.000	0.003
3	22-0001141.000	3.594
4	20-0000656.000	51.381
5	20-0000169.000	25.789
6	22-0000065.000	34.771
7	20-0000178.000	26.229
8	22-0000064.000	31.973
9	22-0000146.000	9.465
10	22-0000145.000	59.741
11	22-0000066.000	47.492
12	20-0000177.000	0.002
13	22-0000814.000	0.755
14	22-0000105.000	11.432



MADISON TWP.

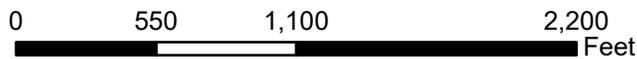
LONDONDERRY TWP.

SEC: 34
TWP: 10N
RNG: 7W

SEC: 20
TWP: 3N
RNG: 1W

OXFORD TWP.

KROBY S MDS GR EXHIBIT B-3



1 in = 750 ft



NAD 1927 UTM Zone 17N

- KROBY S MDS GR - 749.730 Ac
- Counties
- Townships
- PLSS Section
- Tax Parcels

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)	EXHIBIT	TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)	EXHIBIT
1	20-0000255.000	55.398	B-3	57	22-0001391.000	4.400	B-1
2	20-0000647.000	0.003	B-3	58	22-0001239.000	0.112	B-1
3	22-0001141.000	3.594	B-3	59	22-0000556.000	1.389	B-1
4	20-0000656.000	51.381	B-3	60	22-0000141.001	0.320	B-1
5	20-0000169.000	25.789	B-3	61	22-0000059.000	0.473	B-1
6	22-0000065.000	34.771	B-3	62	22-0000114.000	0.562	B-1
7	20-0000178.000	26.229	B-3	63	22-0000141.000	0.433	B-1
8	22-0000064.000	31.973	B-3	64	22-0000400.000	0.254	B-1
9	22-0000146.000	9.465	B-3	65	22-0000534.000	0.650	B-1
10	22-0000145.000	59.741	B-2/B-3	66	22-0000236.000	0.993	B-1
11	22-0000066.000	47.492	B-3	67	22-0000399.000	0.117	B-1
12	20-0000177.000	0.002	B-3	68	22-0000367.000	0.149	B-1
13	22-0000814.000	0.755	B-3	69	22-0000369.000	0.274	B-1
14	22-0000105.000	11.432	B-2/B-3	70	22-0000368.000	0.317	B-1
15	22-0000145.001	9.429	B-2	71	22-0000421.000	0.299	B-1
16	22-0000354.000	9.558	B-2	72	22-0000440.000	0.311	B-1
17	22-0000354.003	5.576	B-2	73	22-0000379.000	0.425	B-1
18	22-0000145.002	0.774	B-2	74	22-0000429.000	0.419	B-1
19	22-0000354.002	0.195	B-2	75	22-0000387.000	0.313	B-1
20	22-0000814.001	0.196	B-2	76	22-0000386.000	0.281	B-1
21	22-0000027.000	48.129	B-2	77	22-0000648.000	0.358	B-1
22	22-0000224.000	107.139	B-2	78	22-0000366.000	0.355	B-1
23	22-0000224.001	2.554	B-2	79	22-0000402.000	0.182	B-1
24	22-0000032.000	2.657	B-1/B-2	80	22-0000404.000	0.442	B-1
25	22-0000032.001	9.179	B-1/B-2	81	22-0001043.000	0.259	B-1
26	22-0000198.002	2.391	B-2	82	22-0000423.000	0.183	B-1
27	22-0000198.003	24.153	B-2	83	22-0000422.000	0.082	B-1
28	22-0000198.004	20.171	B-1/B-2	84	22-0000403.000	0.261	B-1
29	22-0000198.000	14.415	B-2	85	22-0000414.000	0.281	B-1
30	22-0000293.000	1.899	B-2	86	22-0000424.000	0.205	B-1
31	22-0000199.000	9.222	B-2	87	22-0000425.000	0.287	B-1
32	22-0000760.000	11.096	B-1/B-2	88	22-0000666.000	1.920	B-1
33	22-0000198.001	14.613	B-1/B-2	89	22-0000413.000	0.156	B-1
34	22-0000555.000	18.797	B-1	90	22-0000409.000	0.124	B-1
35	22-0000032.002	0.114	B-1	91	22-0000432.000	0.247	B-1
36	22-0000337.000	0.088	B-1	92	22-0000381.000	0.256	B-1
37	22-0000798.000	0.070	B-1	93	22-0000419.000	0.288	B-1
38	22-0000210.000	1.046	B-1	94	22-0000378.000	0.279	B-1
39	22-0000210.002	8.452	B-1	95	22-0000331.000	0.348	B-1
40	22-0000210.001	1.759	B-1	96	22-0000397.000	0.281	B-1
41	22-0000210.003	0.119	B-1	97	22-0000417.000	0.288	B-1
42	22-0000012.000	7.801	B-1	98	22-0000401.000	0.257	B-1
43	22-0000235.000	0.408	B-1	99	22-0000405.000	0.248	B-1
44	22-0000335.000	0.364	B-1	100	22-0000173.000	0.235	B-1
45	22-0000759.000	1.627	B-1	101	22-0000427.000	0.086	B-1
46	22-0001134.001	0.040	B-1	102	22-0000426.000	0.185	B-1
47	22-0001134.000	1.804	B-1	103	22-0000428.000	0.161	B-1
48	22-0000166.000	6.516	B-1	104	22-0000420.000	0.271	B-1
49	22-0000323.000	1.367	B-1	105	22-0000398.001	0.042	B-1
50	22-0000823.000	8.081	B-1	106	22-0000398.000	0.257	B-1
51	22-0000324.000	2.938	B-1	107	22-0000377.000	0.303	B-1
52	22-0000320.000	1.048	B-1	108	22-0000370.000	0.201	B-1
53	22-0000013.000	1.679	B-1	109	22-0000371.000	0.157	B-1
54	22-0001042.000	2.437	B-1	110	22-0000376.000	0.145	B-1
55	22-0001044.000	2.228	B-1	111	22-0000391.000	0.043	B-1
56	22-0001391.001	7.033	B-1	112	22-0000391.001	0.039	B-1
				113	22-0000385.000	0.079	B-1
				114	22-0000166.002	0.261	B-1
					TOTALS:	749.730	

KROBY S MDS GR

EXHIBIT B MAP TABLE



Exhibit H - Kroby S MDS GR Unit

Mineral Owners

Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Raber Energy, LLC Attn: Jonathan D. Raber, Owner	Yes	1	20-0000255.000	55.398
		63	22-0000141.000	0.433
		64	22-0000400.000	0.254
		67	22-0000399.000	0.117
Bounty Minerals, LLC Attn: Tracie R. Palmer	Yes	2	20-0000647.000	0.003
		48	22-0000166.000	1.452
		50	22-0000823.000	1.801
Janice A. Hawley Declaration of Trust dated Jan. 24, 2019 Attn: Beverly A. Beutell, Successor Trustee	Yes	3	22-0001141.000	3.594
		4	20-0000656.000	51.381
Gateway Royalty VI, LLC Attn: Larry C. Oldham, President	Yes	5	20-0000169.000	25.789
		6	22-0000065.000	34.771
William L. Douglass	Yes	7	20-0000178.000	26.229
		8	22-0000064.000	15.987
		11	22-0000066.000	23.746
		12	20-0000177.000	0.002
Gregory H. Douglass	Yes	8	22-0000064.000	15.987
		11	22-0000066.000	23.746
Ascent Utica Minerals, LLC Attn: Kade R. Smith	Yes	9	22-0000146.000	9.465
		10	22-0000145.000	59.741
		18	22-0000145.002	0.774
The Galloway Preservation Trust, dated April 22, 2021 Attn: Erin L. Cooper, Trustee	Yes	13	22-0000814.000	0.755
		14	22-0000105.000	11.432
		20	22-0000814.001	0.196
The Adam Lynn Galbreath and Suzan Renee Galbreath Joint Living Trust, dated February 17, 2012 Attn: Adam Lynn Galbreath and Suzan Renee Galbreath, Trustees	Yes	15	22-0000145.001	9.429
James C. Horvath and Shirley J. Horvath, as survivorship tenants	Yes	16	22-0000354.000	9.558
Wyatt J. Horvath	Yes	17	22-0000354.003	5.576
James Michael Horvath and Karen Sue Horvath, as survivorship tenants	Yes	19	22-0000354.002	0.195
Gregory H. Douglass and Marianne Douglass, husband and wife	Yes	21	22-0000027.000	24.065
Marianne Douglass and Gregory H. Douglass, wife and husband	Yes	21	22-0000027.000	24.065
John D. Mathews and Carla Ann Mathews	Yes	22	22-0000224.000	107.139
Jeffrey A. Mathews and Dawn P. Mathews, as survivorship tenants	Yes	23	22-0000224.001	2.554
Mervin Lapp and Amanda Lapp, as survivorship tenants	Yes	24	22-0000032.000	2.657
Glenn and Suzette Tidrick Family Trust, dated October 5, 2022 Attn: Glenn R. Tidrick and Suzette Tidrick, Co-Trustees	Yes	25	22-0000032.001	9.179
		26	22-0000198.002	2.391
		33	22-0000198.001	14.613
		42	22-0000012.000	7.801
		95	22-0000331.000	0.348
Roy R. Miller and Mary H. Miller, as survivorship tenants	Yes	27	22-0000198.003	24.153
		28	22-0000198.004	20.171
		29	22-0000198.000	14.415
Scott A. Wheeler	Yes	30	22-0000293.000	1.899
Hillside Farms, LLC Attn: James Hershberger	Yes	31	22-0000199.000	9.222
The Lapp Revocable Living Trust dated Feb. 22, 2019 Attn: Mervin Lapp and Amanda Lapp, Trustees	Yes	32	22-0000760.000	11.096
Wayne L. Anderson and Patsy Ann Anderson, husband and wife	Yes	34	22-0000555.000	9.399
Harriett I. Gray and Richard Gray, wife and husband	Yes	34	22-0000555.000	9.399
		53	22-0000013.000	0.840
		68	22-0000367.000	0.075
The Calvin A. & Sadie M. Troyer Family Trust, dated April 27th, 2021 Attn: Calvin A. Troyer and Sadie M. Troyer, Trustees	Yes	35	22-0000032.002	0.114
		36	22-0000337.000	0.088
Timothy M. Wood and Leslie A. Wood, as survivorship tenants	Yes	37	22-0000798.000	0.070

Larry Gene McQuain	Yes	38	22-0000210.000	1.046
		39	22-0000210.002	8.452
		40	22-0000210.001	1.759
		41	22-0000210.003	0.119
		58	22-0001239.000	0.112
Woodman Hall, LLC Attn: Suzette Tidrick and Glenn R. Tidrick	Yes	43	22-0000235.000	0.408
Edward Lapp and Rita R. Lapp, as survivorship tenants	Yes	44	22-0000335.000	0.364
		45	22-0000759.000	1.627
		46	22-0001134.001	0.040
The Presbyterian Church Antrim Ohio Attn: Ronald Morrison	Yes	47	22-0001134.000	1.804
Daniel J. St. Clair	Yes	48	22-0000166.000	5.064
		50	22-0000823.000	6.280
Gateway Royalty II, LLC (NPRI) Attn: Larry C. Oldham, President	Yes	48	22-0000166.000	5.064
		50	22-0000823.000	6.280
David K. St. Clair and Sandra L. St. Clair, as survivorship tenants	Yes	49	22-0000323.000	1.367
		51	22-0000324.000	2.938
		52	22-0000320.000	1.048
Wayne L. Anderson and Patsy Ann Anderson, as survivorship tenants	Yes	53	22-0000013.000	0.840
		68	22-0000367.000	0.075
Antrim United Presbyterian Church Attn: Gary Neuhart and Teresa Bistor, Trustees	Yes	54	22-0001042.000	2.437
		73	22-0000379.000	0.425
Antrim Community Cemetery Association Attn: Robert Ford, Secretary and Cindy Lyons, Trustee	Yes	55	22-0001044.000	2.228
Phillip G. Cooper and Erin L. Cooper, as survivorship tenants	Yes	56	22-0001391.001	7.033
Hosta Living Trust Attn: Anthony Charles Hosta and Barbara J. Hosta, Trustees	Yes	57	22-0001391.000	4.400
Sean M. Beskid and Alexa D. Beskid, as survivorship tenants	Yes	59	22-0000556.000	1.389
		60	22-0000141.001	0.320
Donald E. Shipman and Barbara S. Shipman, as survivorship tenants	Yes	61	22-0000059.000	0.473
Randall W. Fabian and Carol J. Fabian, as survivorship tenants	Yes	62	22-0000114.000	0.562
Zackery R. Tidrick	Yes	65	22-0000534.000	0.650
Cindy R. Shaffer, survivorship tenant	Yes	66	22-0000236.000	0.331
Elizabeth Montgomery, survivorship tenant	Yes	66	22-0000236.000	0.331
Mahlon M. Montgomery, survivorship tenant	Yes	66	22-0000236.000	0.331
Donna Bean	Yes	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
The Unknown Heirs, Devisees, Successors and/or Assigns of Dale D. Bean, deceased	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
Eric M. Lynn	Yes	71	22-0000421.000	0.299
		72	22-0000440.000	0.311
Felicity Craft	Yes	74	22-0000429.000	0.210
		74	22-0000429.000	0.210
		77	22-0000648.000	0.179
		77	22-0000648.000	0.179
David S. Paden and Jennifer D. Paden, as survivorship tenants	Yes	75	22-0000387.000	0.313
		76	22-0000386.000	0.281
		113	22-0000385.000	0.079
Antrim United Methodist Church Attn: Randall Nichols, Chairman	Yes	78	22-0000366.000	0.355
		81	22-0001043.000	0.259
		82	22-0000423.000	0.183
		83	22-0000422.000	0.082
Viola Sommers and Loren Sommers, wife and husband	Yes	79	22-0000402.000	0.061
		80	22-0000404.000	0.147
		84	22-0000403.000	0.087
Mary Kanagy and David Kanagy, wife and husband	Yes	79	22-0000402.000	0.061
		80	22-0000404.000	0.147
		84	22-0000403.000	0.087
David Mast and Ruth Mast, husband and wife	Yes	79	22-0000402.000	0.061
		80	22-0000404.000	0.147
		84	22-0000403.000	0.087
Mary Dennis	Yes	85	22-0000414.000	0.281
		89	22-0000413.000	0.156

Samuel K. St. Clair and Donna St. Clair, husband and wife	Yes	86	22-0000424.000	0.205
		87	22-0000425.000	0.287
Michael W. Salaciak and Nicole E. Salaciak, as survivorship tenants	Yes	88	22-0000666.000	1.920
		91	22-0000432.000	0.247
Winterset Rentals, LLC Attn: James Hershberger, Managing Member	Yes	90	22-0000409.000	0.124
Joe St. Clair and Nyla St. Clair, as survivorship tenants	Yes	92	22-0000381.000	0.256
John R. Hursey, II and Pamela Hursey, as survivorship tenants	Yes	93	22-0000419.000	0.288
State of Ohio, Department of Transportation Attn: Tyler Prose	No	94	22-0000378.000	0.279
Tracy Misencik	Yes	96	22-0000397.000	0.141
		99	22-0000405.000	0.124
		100	22-0000173.000	0.118
Trent Milhon	Yes	96	22-0000397.000	0.141
		99	22-0000405.000	0.124
		100	22-0000173.000	0.118
Douglas J. Kirk	Yes	97	22-0000417.000	0.288
		98	22-0000401.000	0.257
Thomas A. Wood	Yes	101	22-0000427.000	0.086
		102	22-0000426.000	0.185
		103	22-0000428.000	0.161
		108	22-0000370.000	0.201
		109	22-0000371.000	0.157
David K. St. Clair and Sandra St. Clair, husband and wife	Yes	104	22-0000420.000	0.136
		111	22-0000391.000	0.022
Sandra St. Clair and David St. Clair, wife and husband	Yes	104	22-0000420.000	0.136
		111	22-0000391.000	0.022
David St. Clair and Sandra St. Clair, as survivorship tenants	Yes	105	22-0000398.001	0.042
		114	22-0000166.002	0.261
Benjamin C. St. Clair	No	106	22-0000398.000	0.257
	Yes	112	22-0000391.001	0.039
Ronald A. Miller	Yes	107	22-0000377.000	0.303
Ronald A. Miller and Elizabeth Anne Miller, husband and wife	Yes	110	22-0000376.000	0.145

Working Interest Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Ascent Resources - Utica, LLC Attn: John Schneider	Yes	1	20-0000255.000	55.398
		2	20-0000647.000	0.002
		3	22-0001141.000	1.797
		4	20-0000656.000	25.691
		6	22-0000065.000	17.386
		8	22-0000064.000	15.987
		9	22-0000146.000	9.465
		10	22-0000145.000	59.741
		11	22-0000066.000	23.746
		13	22-0000814.000	0.755
		14	22-0000105.000	11.432
		15	22-0000145.001	9.429
		18	22-0000145.002	0.774
		20	22-0000814.001	0.196
		21	22-0000027.000	24.065
		23	22-0000224.001	2.554
		24	22-0000032.000	1.329
		30	22-0000293.000	1.899
		32	22-0000760.000	5.548
		34	22-0000555.000	18.797
		37	22-0000798.000	0.070
38	22-0000210.000	1.046		
39	22-0000210.002	8.452		
40	22-0000210.001	1.759		
41	22-0000210.003	0.119		

Ascent Resources - Utica, LLC [cont'd]
Attn: John Schneider

44	22-0000335.000	0.364
45	22-0000759.000	1.627
46	22-0001134.001	0.040
48	22-0000166.000	5.790
49	22-0000323.000	1.367
50	22-0000823.000	7.181
51	22-0000324.000	2.938
52	22-0000320.000	1.048
53	22-0000013.000	1.679
54	22-0001042.000	2.437
55	22-0001044.000	2.228
56	22-0001391.001	7.033
58	22-0001239.000	0.112
59	22-0000556.000	1.389
60	22-0000141.001	0.320
61	22-0000059.000	0.473
62	22-0000114.000	0.562
63	22-0000141.000	0.433
64	22-0000400.000	0.254
65	22-0000534.000	0.650
66	22-0000236.000	0.993
67	22-0000399.000	0.117
68	22-0000367.000	0.149
71	22-0000421.000	0.299
72	22-0000440.000	0.311
73	22-0000379.000	0.425
74	22-0000429.000	0.419
75	22-0000387.000	0.313
76	22-0000386.000	0.281
77	22-0000648.000	0.358
78	22-0000366.000	0.355
79	22-0000402.000	0.182
80	22-0000404.000	0.442
81	22-0001043.000	0.259
82	22-0000423.000	0.183
83	22-0000422.000	0.082
84	22-0000403.000	0.261
85	22-0000414.000	0.281
86	22-0000424.000	0.205
87	22-0000425.000	0.287
88	22-0000666.000	1.920
89	22-0000413.000	0.156
91	22-0000432.000	0.247
92	22-0000381.000	0.256
93	22-0000419.000	0.288
96	22-0000397.000	0.281
97	22-0000417.000	0.288
98	22-0000401.000	0.257
99	22-0000405.000	0.248
100	22-0000173.000	0.235
101	22-0000427.000	0.086
102	22-0000426.000	0.185
103	22-0000428.000	0.161
104	22-0000420.000	0.271
105	22-0000398.001	0.042
107	22-0000377.000	0.303
108	22-0000370.000	0.201
109	22-0000371.000	0.157
110	22-0000376.000	0.145
111	22-0000391.000	0.043
112	22-0000391.001	0.039
113	22-0000385.000	0.079
114	22-0000166.002	0.261

RHDK Oil & Gas, LLC Attn: Matt Berkeley	Yes	2	20-0000647.000	0.001
		3	22-0001141.000	1.797
		4	20-0000656.000	25.691
		5	20-0000169.000	25.789
		6	22-0000065.000	17.386
		7	20-0000178.000	26.229
		8	22-0000064.000	15.987
		11	22-0000066.000	23.746
		12	20-0000177.000	0.002
		21	22-0000027.000	24.065
		24	22-0000032.000	1.329
		25	22-0000032.001	9.179
		26	22-0000198.002	2.391
		27	22-0000198.003	24.153
		28	22-0000198.004	20.171
		29	22-0000198.000	14.415
		31	22-0000199.000	9.222
		32	22-0000760.000	5.548
		33	22-0000198.001	14.613
		35	22-0000032.002	0.114
36	22-0000337.000	0.088		
42	22-0000012.000	7.801		
43	22-0000235.000	0.408		
48	22-0000166.000	0.726		
50	22-0000823.000	0.900		
57	22-0001391.000	4.400		
95	22-0000331.000	0.348		
Chief Capital O&G II, LLC Attn: Walt Nixon, President	Yes	16	22-0000354.000	9.558
Two X Four Projects, LLC Attn: Barrett W. Pierce, President	Yes	22	22-0000224.000	107.139
Dale Ohio, LLC Attn: Cody Miller	Yes	17	22-0000354.003	0.349
		19	22-0000354.002	0.012
		47	22-0001134.000	0.113
Granite Ridge Holdings, LLC Attn: Luke Brandenburg	Yes	17	22-0000354.003	3.921
		19	22-0000354.002	0.137
		47	22-0001134.000	1.268
GREP V Holdings, LP Attn: Matt Miller	Yes	17	22-0000354.003	1.307
		19	22-0000354.002	0.046
		47	22-0001134.000	0.423
EAP Ohio, LLC Attn: Brad Melton, Vice President and General Manager	Yes	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
		90	22-0000409.000	0.087
Ironhead Resources III, LLC Attn: Rick Repasky	Yes	90	22-0000409.000	0.019
Collins Utica, LLC Attn: J. Patrick Collins	Yes	90	22-0000409.000	0.009
Wallace Family Partnership, LP Attn: Michael W. Wallace	Yes	90	22-0000409.000	0.009

Potential Mineral Interest and Working Interest Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Potential Surface Acres in Unit (Net)
C.T. Production c/o David S. Towner Enterprises, LLP Attn: Joyce J. Towner	N/A*	26	22-0000198.002	2.391
		28	22-0000198.004	20.171
		29	22-0000198.000	14.415
		31	22-0000199.000	9.222
		33	22-0000198.001	14.613
Colton D. Bean	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
Donna Bean	Yes	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
Kathleen P. Todd	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159

Kenadie J. Bean	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
Kristina J. Bean	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
Patricia A. Bean	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
Presbyterian Church & Cemetery Ohio Attn: Ronald Morrison	No	47	22-0001134.000	1.804
T&M Company Attn: John A. Miller, President	N/A*	26	22-0000198.002	2.391
		28	22-0000198.004	20.171
		29	22-0000198.000	14.415
		31	22-0000199.000	9.222
		33	22-0000198.001	14.613
Tanya S. Sexton	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
The Estate of Kevin Bean, deceased Attn: Patricia Bean, Fiduciary	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
The Unknown Heirs, Devisees, Successors and/or Assigns of Wesley D. Bean, deceased	No	69	22-0000369.000	0.137
		70	22-0000368.000	0.159
Westland Minerals Corporation or its Unknown Successors or Assigns	N/A*	43	22-0000235.000	0.408

NPRI = Non-Participating Royalty Interest

*** Indicates a potential claim to a working interest in an oil and gas lease that applicant believes is no longer valid**