

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 <input type="checkbox"/>
2 Mailing Address:	3501 NW 63rd Street			
3 City / State / Zip:	Oklahoma City	OK	73116	
4 Office Phone:	405-252-7607			
5 Email:	rachel.lenox@ascentresources.com			
6 Landman Name:	Rachel Lenox			<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:	405-252-7607			<input type="checkbox"/>
10 Email:	rachel.lenox@ascentresources.com			<input type="checkbox"/>
<i>If applicable</i>				
11 Attorney Name:	Paul Westbrook			<input type="checkbox"/>
12 Firm Name:	Harris, Finley & Bogle, P.C.			<input type="checkbox"/>
13 Mailing Address:	777 Main Street, Suite 180			<input type="checkbox"/>
14 City / State / Zip:	Fort Worth	TX	76102	<input type="checkbox"/>
15 Office Phone:	(817) 870-8708			<input type="checkbox"/>
16 Email:	PWestbrook@hfblaw.com			<input type="checkbox"/>

Section 2. Unit Information *Required*

1 Unit Name:	Sadler N SHC HR Unit			Supplement <input type="checkbox"/>
2 Unit Location: <i>Include all counties and townships</i>	Short Creek Township and Green Township, Harrison County			
3 Number of Tracts:	38			
4 Total Unit Area: <i>In acres</i>	547.891			
5 (a) Number of Proposed Wells:	One (1)			
(b) Number of Existing Permitted & Drilled Wells: <i>Please identify by API Number and Well Name.</i>	N/A			

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?	391.844	<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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO 	<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
SADLER N SHC HR 5H	21,629	33,179	31.115	13.898	130.264	83.900	39.935	37.046	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	21,629	33,179	31.115	13.898	130.264	83.900	39.935	37.046	<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
SADLER N SHC HR 5H	3,647	15,197	6.769	6.429	21.965	8.341	2.662	6.247	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	3,647	15,197	6.769	6.429	21.965	8.341	2.662	6.247	<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
SADLER N SHC HR 5H	17,982	17,982	24.346	7.469	108.299	75.559	37.273	30.799	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	17,982	17,982	24.346	7.469	108.299	75.559	37.273	30.799	<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"/>

Section 7. Attestation Required

If this is the original application or a request to amend an order for unit operations, submit Attestation A.

Attestation A

I Rachel Lenox (NAME) on behalf of Ascent Resources - Utica, LLC (APPLICANT) am competent and authorized to testify on the matters contained in this affidavit and application.

Pursuant to Ohio Revised Code 1509.28, Applicant files this application with the Chief of the Division of Oil and Gas Resources Management (DOGRM) requesting an order authorizing unit operations or to amend an order for unit operations as indicated above and in the attachments to this application.

As of the date this application is signed, Applicant is the owner, or has the consent of the owner, as that term is defined in Ohio Revised Code 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.

Further, Applicant has exercised reasonable due diligence in their efforts to identify and locate all mineral interest owners within the proposed unit and ascertain their current addresses prior to filing this application with DOGRM.

These efforts included:

List as applicable: Performing title work, court records, reviewing marriage and birth records, death records, searching county auditor tax records, searching records maintained by the United States Postal Service, utilizing electronic resources, etc.

Performing title work, including reviewing court, birth, marriage, and death records and county auditor tax records, and utilizing electronic resources (e.g., telephone and address listings, heirship research).

Where it was not reasonably possible or practicable to identify all of mineral interest owners' identities or addresses, Applicant will provide notice by publication of a hearing.

To the best of Applicant's knowledge and belief, the names and addresses of mineral interest owners it provided with this application are accurate. I understand the DOGRM relies on the statements and representations contained in this application to process this application. Nothing in this application constitutes a waiver of right in law or equity by DOGRM or Applicant.

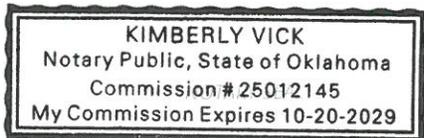
My signature below certifies that the information provided is true and accurate to the best of my knowledge, under penalty of law.

Rachel Lenox
SIGNATURE
Rachel Lenox
PRINT NAME
Associate Landman
TITLE

STATE OF Oklahoma
COUNTY OF Oklahoma

Sworn to before me and subscribed in my presence on this

12th day of December, 2025.
MONTH YEAR



Kimberly Vick
NOTARY PUBLIC

My commission expires 10/20/2029.

Section 7. Attestation Required

If this is a supplement to the original application or to a request to amend an order for unit operations, submit Attestation B.

Attestation B - Supplement

I _____ (NAME) on behalf of _____ (APPLICANT) am competent and authorized to testify on the matters contained in this affidavit and supplemental application.

Pursuant to Ohio Revised Code 1509.28, Applicant files this supplemental application with the Chief of the Division of Oil and Gas Resources Management (DOGRM) requesting an order authorizing unit operations or to amend an order for unit operations as indicated above and in the attachments to this supplemental application.

As of the date this supplemental application is signed, Applicant is the owner, or has consent of the owner, as that term is defined in Ohio Revised Code 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.

Further, Applicant has exercised reasonable due diligence in their efforts to identify and locate all mineral interest owners within the proposed unit and ascertain their current addresses prior to filing this supplemental application with DOGRM.

These efforts included:

List as applicable: Performing title work, court records, reviewing marriage and birth records, death records, searching county auditor tax records, searching records maintained by the United States Postal Service, utilizing electronic resources, etc.

Where it was not reasonably possible or practicable to identify all of mineral interest owners' identities or addresses, Applicant will provide notice by publication of a hearing.

To the best of Applicant's knowledge and belief, the names and addresses of mineral interest owners it provided with this supplemental application are accurate. I understand the DOGRM relies on the statements and representations contained in this supplemental application to process this application. Nothing in this supplemental application constitutes a waiver of right in law or equity by DOGRM or Applicant.

My signature below certifies that the information provided is true and accurate to the best of my knowledge, under penalty of law.

SIGNATURE	PRINT NAME	TITLE

STATE OF

COUNTY OF

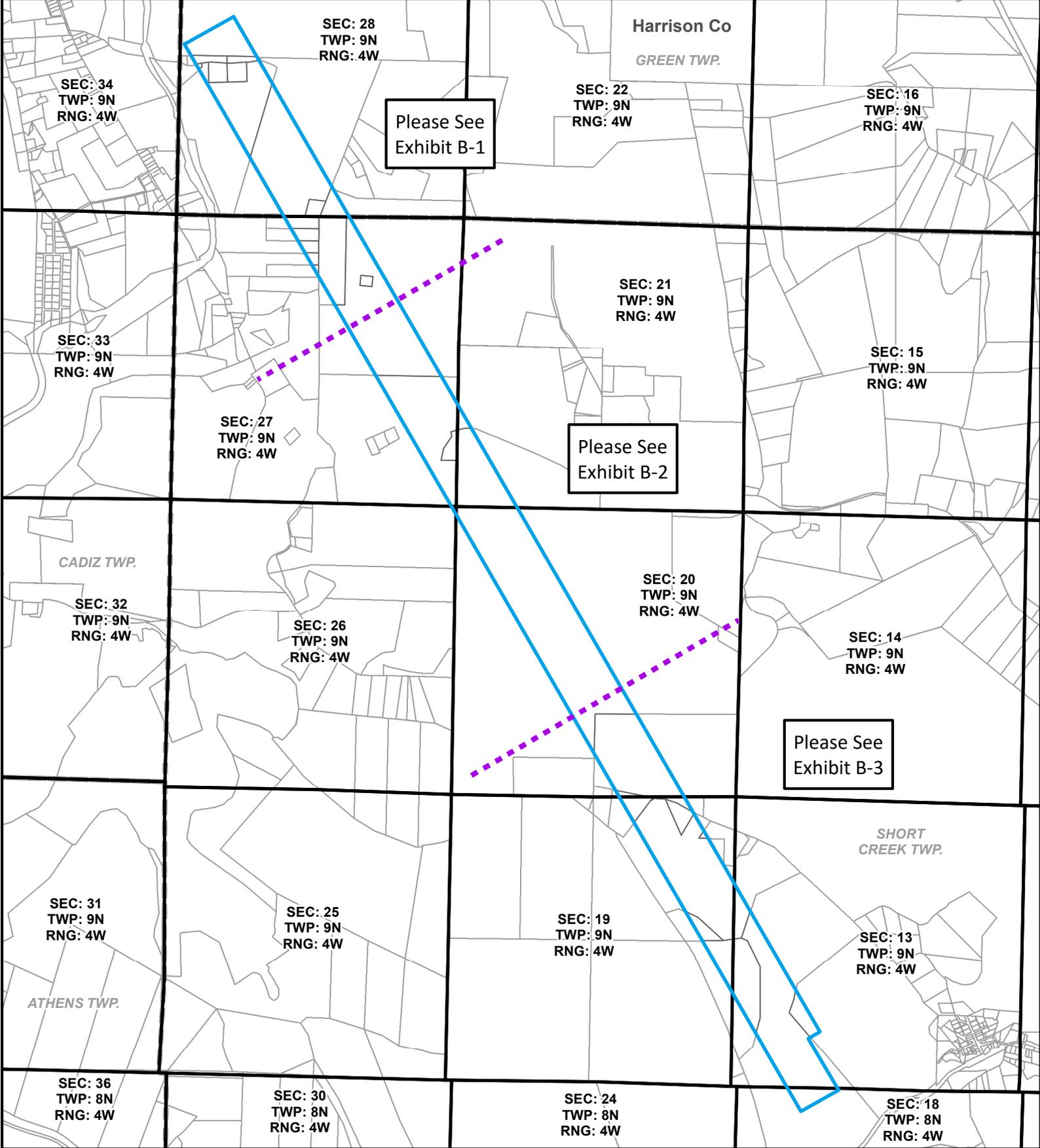
Sworn to before me and subscribed in my presence on this _____ day of _____, 20____.

MONTH MONTH YEAR

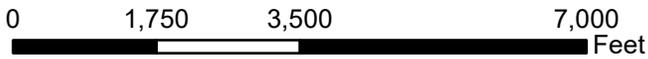
NOTARY SEAL

NOTARY PUBLIC

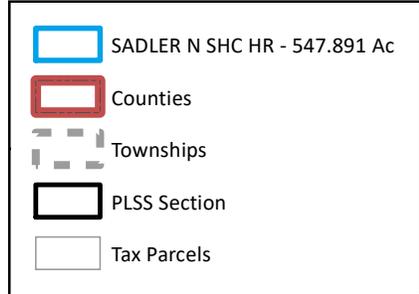
My commission expires _____.



**SADLER N SHC HR
EXHIBIT B**



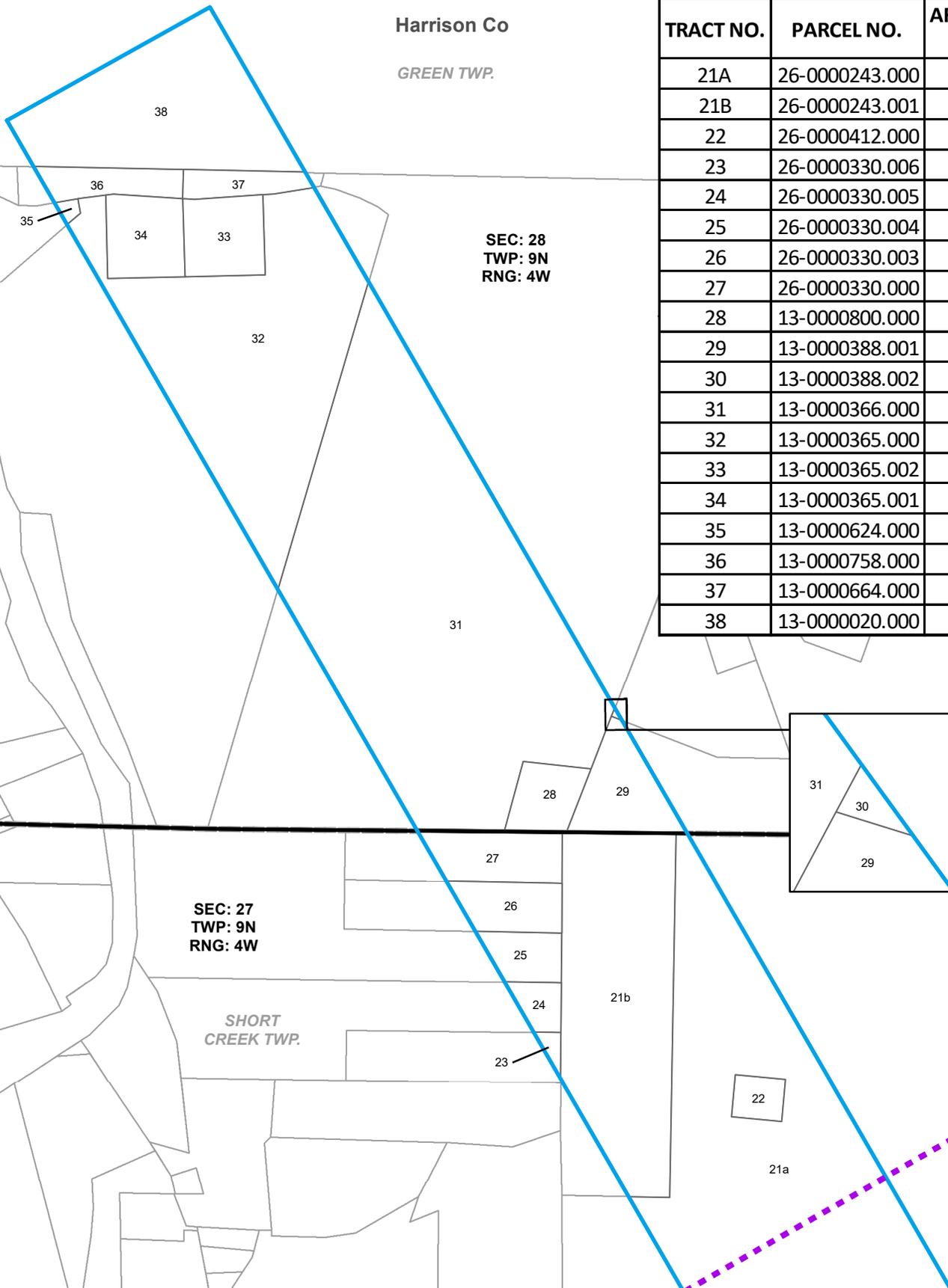
1 in = 2,333 ft



Harrison Co

GREEN TWP.

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
21A	26-0000243.000	56.668
21B	26-0000243.001	17.070
22	26-0000412.000	1.000
23	26-0000330.006	0.292
24	26-0000330.005	0.972
25	26-0000330.004	1.666
26	26-0000330.003	2.348
27	26-0000330.000	3.034
28	13-0000800.000	2.097
29	13-0000388.001	3.737
30	13-0000388.002	0.122
31	13-0000366.000	44.302
32	13-0000365.000	23.879
33	13-0000365.002	2.993
34	13-0000365.001	3.001
35	13-0000624.000	0.181
36	13-0000758.000	1.856
37	13-0000664.000	1.340
38	13-0000020.000	13.326



SEC: 34
TWP: 9N
RNG: 4W

SEC: 28
TWP: 9N
RNG: 4W

SEC: 27
TWP: 9N
RNG: 4W

SEC: 33
TWP: 9N
RNG: 4W

SHORT CREEK TWP.



SADLER N SHC HR
EXHIBIT B-1



1 in = 645 ft

- SADLER N SHC HR - 547.891 Ac
- Counties
- Townships
- PLSS Section
- Tax Parcels

Harrison Co

SHORT CREEK TWP.

SEC: 21
TWP: 9N
RNG: 4W

SEC: 27
TWP: 9N
RNG: 4W

SEC: 26
TWP: 9N
RNG: 4W

SEC: 20
TWP: 9N
RNG: 4W

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
15	26-0000218.000	110.761
16	26-0000204.000	0.152
17	26-0000605.000	23.260
18	26-0000607.000	40.807
19	26-0000616.000	2.632
20	26-0000606.000	1.020
21A	26-0000243.000	56.668

21a

18

20

19

17

16

15



NAD 1927 UTM Zone 17N

SADLER N SHC HR EXHIBIT B-2



1 in = 854 ft

-  SADLER N SHC HR - 547.891 Ac
-  Counties
-  Townships
-  PLSS Section
-  Tax Parcels

Harrison Co

SHORT CREEK TWP.

SEC: 14
TWP: 9N
RNG: 4W

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
1	26-0000032.002	4.971
2	26-0000140.005	47.243
3	26-0000140.003	4.721
4	26-0000140.004	14.764
5A	26-0000168.001	6.997
5B	26-0000168.001	2.995
6	26-0000140.002	4.080
7	26-0000169.001	55.323
8	26-0000507.000	0.297
9	26-0000395.000	3.486
10	26-0000217.000	1.103
11	26-0000169.000	0.018
12	26-0000214.000	3.271
13	26-0000213.000	0.706
14	26-0000216.000	39.400
15	26-0000218.000	110.761

SEC: 20
TWP: 9N
RNG: 4W

SEC: 19
TWP: 9N
RNG: 4W

SEC: 13
TWP: 9N
RNG: 4W

SEC: 24
TWP: 8N
RNG: 4W

SEC: 18
TWP: 8N
RNG: 4W

SADLER N SHC HR EXHIBIT B-3



1 in = 917 ft



NAD 1927 UTM Zone 17N

-  SADLER N SHC HR - 547.891 Ac
-  Counties
-  Townships
-  PLSS Section
-  Tax Parcels

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)	EXHIBIT
1	26-000032.002	4.971	B-3
2	26-0000140.005	47.243	B-3
3	26-0000140.003	4.721	B-3
4	26-0000140.004	14.764	B-3
5A	26-0000168.001	6.997	B-3
5B	26-0000168.001	2.995	B-3
6	26-0000140.002	4.080	B-3
7	26-0000169.001	55.323	B-3
8	26-0000507.000	0.297	B-3
9	26-0000395.000	3.486	B-3
10	26-0000217.000	1.103	B-3
11	26-0000169.000	0.018	B-3
12	26-0000214.000	3.271	B-3
13	26-0000213.000	0.706	B-3
14	26-0000216.000	39.400	B-3
15	26-0000218.000	110.761	B-2/B-3
16	26-0000204.000	0.152	B-2
17	26-0000605.000	23.260	B-2
18	26-0000607.000	40.807	B-2
19	26-0000616.000	2.632	B-2
20	26-0000606.000	1.020	B-2
21A	26-0000243.000	56.668	B-1/B-2
21B	26-0000243.001	17.070	B-1
22	26-0000412.000	1.000	B-1
23	26-0000330.006	0.292	B-1
24	26-0000330.005	0.972	B-1
25	26-0000330.004	1.666	B-1
26	26-0000330.003	2.348	B-1
27	26-0000330.000	3.034	B-1
28	13-0000800.000	2.097	B-1
29	13-0000388.001	3.737	B-1
30	13-0000388.002	0.122	B-1
31	13-0000366.000	44.302	B-1
32	13-0000365.000	23.879	B-1
33	13-0000365.002	2.993	B-1
34	13-0000365.001	3.001	B-1
35	13-0000624.000	0.181	B-1
36	13-0000758.000	1.856	B-1
37	13-0000664.000	1.340	B-1
38	13-0000020.000	13.326	B-1
	TOTALS:	547.891	



SADLER N SHC HR
EXHIBIT B
MAP TABLE

Exhibit H - Sadler N SHC HR Unit

Mineral Owners

Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Benjamin L. Ramsey	Yes	5B	26-0000168.001	0.166
Bonnie Snider	Yes	9	26-0000395.000	1.162
Bruce Dunlap	Yes	10	26-0000217.000	0.008
	Yes	12	26-0000214.000	0.023
	Yes	13	26-0000213.000	0.005
	Yes	14	26-0000216.000	0.274
	Yes	15	26-0000218.000	0.769
Bruce A. Oszust	Yes	9	26-0000395.000	1.162
Carol Marie Shuttig f.k.a. Carol Marie Hughes	No	37	13-0000664.000	0.067
Chad R. Ramsey	Yes	5B	26-0000168.001	0.166
Christine Dawson	Yes	10	26-0000217.000	0.008
	Yes	12	26-0000214.000	0.023
	Yes	13	26-0000213.000	0.005
	Yes	14	26-0000216.000	0.274
	Yes	15	26-0000218.000	0.769
Christopher Thomas Huemmer	Yes	37	13-0000664.000	0.084
Clifford Dunlap	Yes	10	26-0000217.000	0.008
	Yes	12	26-0000214.000	0.023
	Yes	13	26-0000213.000	0.005
	Yes	14	26-0000216.000	0.274
	Yes	15	26-0000218.000	0.769
Dan Michael Hughes	Yes	37	13-0000664.000	0.067
Daniel Howard Van Fossen and Sarah L. Van Fossen, husband and wife, as survivorship tenants	Yes	31	13-0000366.000	22.151
	Yes	32	13-0000365.000	11.940
David L. Barrett	Yes	10	26-0000217.000	0.184
	Yes	12	26-0000214.000	0.545
	Yes	13	26-0000213.000	0.118
	Yes	14	26-0000216.000	6.567
	Yes	15	26-0000218.000	18.460
David Dunlap	Yes	10	26-0000217.000	0.011
	Yes	12	26-0000214.000	0.034
	Yes	13	26-0000213.000	0.007
	Yes	14	26-0000216.000	0.410
	Yes	15	26-0000218.000	1.154
David L. Watt and Dawn Watt, husband and wife, as survivorship tenants	Yes	30	13-0000388.002	0.122
Dessel Jackson Acres, LLC ATTN: William Jackson, Member	Yes	21A	26-0000243.000	56.668
	Yes	21B	26-0000243.001	17.070
Diane Hein	Yes	10	26-0000217.000	0.046
	Yes	12	26-0000214.000	0.136
	Yes	13	26-0000213.000	0.029
	Yes	14	26-0000216.000	1.642
	Yes	15	26-0000218.000	4.615
Duane W. Ramsey	Yes	5B	26-0000168.001	0.749
Dunlap Land Company, LLC ATTN: David Dunlap, President	Yes	10	26-0000217.000	0.245
	Yes	12	26-0000214.000	0.727
	Yes	13	26-0000213.000	0.157
	Yes	14	26-0000216.000	8.756
	Yes	15	26-0000218.000	24.614
Dwight C. Dunlap, Successor Trustee of the Dunlap Family Trust Agreement	Yes	10	26-0000217.000	0.368
	Yes	12	26-0000214.000	1.090
	Yes	13	26-0000213.000	0.235
	Yes	14	26-0000216.000	13.133
	Yes	15	26-0000218.000	36.920
Dwight Dunlap	Yes	10	26-0000217.000	0.008
	Yes	12	26-0000214.000	0.023
	Yes	13	26-0000213.000	0.005
	Yes	14	26-0000216.000	0.274
	Yes	15	26-0000218.000	0.769
EAP Ohio, LLC ATTN: Heath A. Work, Authorized Representative	Yes	1	26-0000032.002	4.971
	Yes	2	26-0000140.005	47.243
	Yes	3	26-0000140.003	4.721
	Yes	4	26-0000140.004	14.764
	Yes	6	26-0000140.002	4.080
Windhaven Interests, LLC (NPRI) ATTN: John Calce, President	Yes	2	26-0000140.005	47.243
	Yes	3	26-0000140.003	4.721
RJR Resources, LLC (NPRI) ATTN: Ron Broadway, Manager	Yes	4	26-0000140.004	14.764
	Yes	6	26-0000140.002	4.080
Blackhawk Minerals, LLC (NPRI) ATTN: Ron Broadway, Manager	Yes	6	26-0000140.002	4.080
	Yes	9	26-0000395.000	1.162
Gayle Blake, Life Tenant Jody Stromsky, Remainderman	Yes	9	26-0000395.000	1.162

Gwendolyn Anne Beetham	Yes	5A	26-0000168.001	1.749
	Yes	7	26-0000169.001	13.831
	Yes	11	26-0000169.000	0.005
H. E. Fletcher	Yes	23	26-0000330.006	0.292
	Yes	24	26-0000330.005	0.972
	Yes	25	26-0000330.004	1.666
James J. Hughes and Marianne Hughes, husband and wife	Yes	37	13-0000664.000	0.067
James J. Hughes and Marianne Hughes, husband and wife, as survivorship tenants	Yes	37	13-0000664.000	0.670
Kenneth R. Helvey	Yes	34	13-0000365.001	3.001
Lena Mae Greenwood	Yes	17	26-0000605.000	23.260
	Yes	19	26-0000616.000	2.632
Linda Charlotte Bell	No	37	13-0000664.000	0.084
LL&B Headwater I, LP ATTN: Gordon H. Deen, CEO of LL&B Headwater I GP, LLC, its General Partner of LL&B Headwater I, LP	Yes	26	26-0000330.003	2.348
	Yes	27	26-0000330.000	3.034
	Yes	28	13-0000800.000	2.097
LL&B Headwater II, LP ATTN: Gordon H. Deen, CEO of LL&B Headwater II GP, LLC, its General Partner	Yes	18	26-0000607.000	20.404
	Yes	20	26-0000606.000	0.510
Mary Ann Dunlap	Yes	10	26-0000217.000	0.123
	Yes	12	26-0000214.000	0.363
	Yes	13	26-0000213.000	0.078
	Yes	14	26-0000216.000	4.378
	Yes	15	26-0000218.000	12.307
Mary Ann Kosakowski	Yes	37	13-0000664.000	0.067
Michael P. Hughes	Yes	37	13-0000664.000	0.067
Middlefork Farms, LLC ATTN: Thomas E. White, Manager	Yes	18	26-0000607.000	20.404
	Yes	20	26-0000606.000	0.510
Morgan De Beetham	Yes	5A	26-0000168.001	1.749
	Yes	7	26-0000169.001	13.831
	Yes	11	26-0000169.000	0.005
Pamela Dunlap	Yes	10	26-0000217.000	0.011
	Yes	12	26-0000214.000	0.034
	Yes	13	26-0000213.000	0.007
	Yes	14	26-0000216.000	0.410
	Yes	15	26-0000218.000	1.154
	Yes	10	26-0000217.000	0.011
Patricia Ruhl	Yes	12	26-0000214.000	0.034
	Yes	13	26-0000213.000	0.007
	Yes	14	26-0000216.000	0.410
	Yes	15	26-0000218.000	1.154
	Yes	10	26-0000217.000	0.008
Peggy Sue Herzog ATTN: William Dunlap	Yes	12	26-0000214.000	0.023
	Yes	13	26-0000213.000	0.005
	Yes	14	26-0000216.000	0.274
	Yes	15	26-0000218.000	0.769
	Yes	8	26-0000507.000	0.297
Robert Doughty and Judy C. Doughty, husband and wife, as survivorship tenants	Yes	8	26-0000507.000	0.297
Robin Helvey	Yes	31	13-0000366.000	22.151
	Yes	32	13-0000365.000	11.940
Ronald L. Ramsey	Yes	5B	26-0000168.001	0.416
Roseanna Marie Bennett	No	37	13-0000664.000	0.084
Roy Smith and Lisa Smith, husband and wife, as survivorship tenants	Yes	35	13-0000624.000	0.181
Samantha Van Fossen Chrzan	Yes	33	13-0000365.002	2.993
Sandra Best	Yes	29	13-0000388.001	3.737
Sarah Rumford	Yes	10	26-0000217.000	0.046
	Yes	12	26-0000214.000	0.136
	Yes	13	26-0000213.000	0.029
	Yes	14	26-0000216.000	1.642
	Yes	15	26-0000218.000	4.615
Skyline Farms, Inc. ATTN: Nelson Birney, President	Yes	36	13-0000758.000	1.856
	Yes	38	13-0000020.000	13.326
Steven Francis Huemmer	Yes	37	13-0000664.000	0.084
Terri Dunlap	Yes	10	26-0000217.000	0.011
	Yes	12	26-0000214.000	0.034
	Yes	13	26-0000213.000	0.007
	Yes	14	26-0000216.000	0.410
	Yes	15	26-0000218.000	1.154
The Unknown Heirs and Assigns of Craig Warren, deceased	No	5B	26-0000168.001	1.498
Thomas Owen Beetham	Yes	5A	26-0000168.001	1.749
	Yes	7	26-0000169.001	13.831
	Yes	11	26-0000169.000	0.005
Vickie Beetham	Yes	5A	26-0000168.001	1.749
	Yes	7	26-0000169.001	13.831
	Yes	11	26-0000169.000	0.005
William Dunlap	Yes	10	26-0000217.000	0.008
	Yes	12	26-0000214.000	0.023
	Yes	13	26-0000213.000	0.005
	Yes	14	26-0000216.000	0.274
	Yes	15	26-0000218.000	0.769

William Jackson and Viva Jackson, husband and wife, as survivorship tenants	Yes	22	26-0000412.000	1.000
William P. Ledger and Judith A. Ledger, husband and wife, as survivorship tenants	Yes	16	26-0000204.000	0.152
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: Kacie Booher	Yes	1	26-0000032.002	3.728
	Yes	2	26-0000140.005	35.432
	Yes	3	26-0000140.003	3.541
	Yes	4	26-0000140.004	11.073
	Yes	5A	26-0000168.001	1.749
	Yes	5A	26-0000168.001	1.749
	Yes	5A	26-0000168.001	1.749
	Yes	5A	26-0000168.001	1.749
	Yes	5B	26-0000168.001	0.749
	Yes	5B	26-0000168.001	0.416
	Yes	5B	26-0000168.001	0.166
	Yes	5B	26-0000168.001	0.166
	Yes	6	26-0000140.002	3.060
	Yes	7	26-0000169.001	13.831
	Yes	7	26-0000169.001	13.831
	Yes	7	26-0000169.001	13.831
	Yes	7	26-0000169.001	13.831
	Yes	8	26-0000507.000	0.297
	Yes	9	26-0000395.000	1.162
	Yes	9	26-0000395.000	1.162
	Yes	9	26-0000395.000	1.162
	Yes	9	26-0000395.000	1.162
	Yes	10	26-0000217.000	0.123
	Yes	11	26-0000169.000	0.005
	Yes	11	26-0000169.000	0.005
	Yes	11	26-0000169.000	0.005
	Yes	11	26-0000169.000	0.005
	Yes	12	26-0000214.000	0.363
	Yes	13	26-0000213.000	0.078
	Yes	14	26-0000216.000	4.378
	Yes	15	26-0000218.000	12.307
	Yes	16	26-0000204.000	0.152
	Yes	17	26-0000605.000	23.260
	Yes	18	26-0000607.000	20.404
	Yes	18	26-0000607.000	20.404
	Yes	19	26-0000616.000	2.632
	Yes	20	26-0000606.000	0.510
	Yes	20	26-0000606.000	0.510
	Yes	21A	26-0000243.000	56.668
	Yes	21B	26-0000243.001	17.070
	Yes	22	26-0000412.000	1.000
	Yes	26	26-0000330.003	2.348
	Yes	27	26-0000330.000	3.034
	Yes	28	13-0000800.000	2.097
Yes	29	13-0000388.001	3.737	
Yes	30	13-0000388.002	0.122	
Yes	31	13-0000366.000	22.151	
Yes	31	13-0000366.000	22.151	
Yes	32	13-0000365.000	11.940	
Yes	32	13-0000365.000	11.940	
Yes	33	13-0000365.002	2.993	
Yes	34	13-0000365.001	3.001	
Yes	35	13-0000624.000	0.181	
Yes	36	13-0000758.000	1.856	
Yes	37	13-0000664.000	0.670	
Yes	37	13-0000664.000	0.084	
Yes	37	13-0000664.000	0.084	
Yes	37	13-0000664.000	0.067	
Yes	37	13-0000664.000	0.067	
Yes	37	13-0000664.000	0.067	
Burj Energy, LLC ATTN: Babak Fadaiepour, General Counsel	Yes	1	26-0000032.002	1.243
	Yes	2	26-0000140.005	11.811
	Yes	3	26-0000140.003	1.180
	Yes	4	26-0000140.004	3.691
	Yes	6	26-0000140.002	1.020
Mercury Head, LLC ATTN: Paul K. Heerwagen IV, CEO	Yes	38	13-0000020.000	13.326
	Yes	10	26-0000217.000	0.368
	Yes	10	26-0000217.000	0.245
	Yes	10	26-0000217.000	0.046
	Yes	10	26-0000217.000	0.046
	Yes	10	26-0000217.000	0.011
	Yes	10	26-0000217.000	0.011

Northern Oil and Gas, Inc.
ATTN: Adam Dirlam, President

Yes	10	26-0000217.000	0.011
Yes	10	26-0000217.000	0.011
Yes	10	26-0000217.000	0.008
Yes	10	26-0000217.000	0.008
Yes	10	26-0000217.000	0.008
Yes	10	26-0000217.000	0.008
Yes	10	26-0000217.000	0.008
Yes	10	26-0000217.000	0.008
Yes	10	26-0000217.000	0.008
Yes	10	26-0000217.000	0.184
Yes	12	26-0000214.000	1.090
Yes	12	26-0000214.000	0.727
Yes	12	26-0000214.000	0.136
Yes	12	26-0000214.000	0.136
Yes	12	26-0000214.000	0.034
Yes	12	26-0000214.000	0.034
Yes	12	26-0000214.000	0.034
Yes	12	26-0000214.000	0.034
Yes	12	26-0000214.000	0.023
Yes	12	26-0000214.000	0.023
Yes	12	26-0000214.000	0.023
Yes	12	26-0000214.000	0.023
Yes	12	26-0000214.000	0.023
Yes	12	26-0000214.000	0.023
Yes	12	26-0000214.000	0.545
Yes	13	26-0000213.000	0.235
Yes	13	26-0000213.000	0.157
Yes	13	26-0000213.000	0.029
Yes	13	26-0000213.000	0.029
Yes	13	26-0000213.000	0.007
Yes	13	26-0000213.000	0.007
Yes	13	26-0000213.000	0.007
Yes	13	26-0000213.000	0.007
Yes	13	26-0000213.000	0.005
Yes	13	26-0000213.000	0.005
Yes	13	26-0000213.000	0.005
Yes	13	26-0000213.000	0.005
Yes	13	26-0000213.000	0.005
Yes	13	26-0000213.000	0.118
Yes	14	26-0000216.000	13.133
Yes	14	26-0000216.000	8.756
Yes	14	26-0000216.000	1.642
Yes	14	26-0000216.000	1.642
Yes	14	26-0000216.000	0.410
Yes	14	26-0000216.000	0.410
Yes	14	26-0000216.000	0.410
Yes	14	26-0000216.000	0.410
Yes	14	26-0000216.000	0.274
Yes	14	26-0000216.000	0.274
Yes	14	26-0000216.000	0.274
Yes	14	26-0000216.000	0.274
Yes	14	26-0000216.000	0.274
Yes	14	26-0000216.000	0.274
Yes	14	26-0000216.000	6.567
Yes	15	26-0000218.000	36.920
Yes	15	26-0000218.000	24.614
Yes	15	26-0000218.000	4.615
Yes	15	26-0000218.000	4.615
Yes	15	26-0000218.000	1.154
Yes	15	26-0000218.000	1.154
Yes	15	26-0000218.000	1.154
Yes	15	26-0000218.000	1.154
Yes	15	26-0000218.000	0.769
Yes	15	26-0000218.000	0.769
Yes	15	26-0000218.000	0.769
Yes	15	26-0000218.000	0.769
Yes	15	26-0000218.000	0.769
Yes	15	26-0000218.000	0.769
Yes	15	26-0000218.000	18.460
Yes	23	26-0000330.006	0.292
Yes	24	26-0000330.005	0.972
Yes	25	26-0000330.004	1.666

Potential Mineral Interest and Working Interests Owners

Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Potential Surface Acres in Unit (Net)
Leticia Warren	No	5B	26-0000168.001	1.498
The Unknown Heirs or Assigns of Herbert John Yado, deceased	No	37	13-0000664.000	0.670

NPRI = Non-Participating Royalty Interest