

APPLICATION CHECKLIST

*Buckeye Brine LLC, Adams #3
Carbotech Co., Keene Twp,
SWIN#3, Permit #*

Date Initials

<i>6/9/14</i>	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>
<i>6/4/14</i>	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>
<i>6-13-14</i>	<i>[Signature]</i>
<i>6/4/14</i>	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>

Enter on Agenda _____

Completeness Review _____

Date - Time Stamp _____

Area of Review _____

Site Evaluation _____

Permitting Section _____

Memo to Inspector _____

Public Notice Letter *6/9/14*

Date Run _____

15 Days _____

Review Public Notice _____

Affidavit of Notification _____

Objections Received Yes _____ No _____

Public Hearing Date _____

Chief's Order, if Required _____

Schematic _____

Plot on Map _____

Review by Geologist _____

Permit Conditions (Same date as permit) _____

Enter on Computer (Same or later date than Chief's Order) _____

Enter on Master List _____

EPA Form _____

Mail Permit _____

Update Agenda _____

File _____

<i>6/9/14</i>	<i>[Signature]</i>
	<i>[Signature]</i>
	<i>[Signature]</i>
	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>
	<i>[Signature]</i>
	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>
<i>6/9/14</i>	<i>[Signature]</i>
	<i>[Signature]</i>
	<i>[Signature]</i>

RECORD OF CONVERSATION

Received site review 6-13-14 AA

Waiting on public notice return AA

DAILY ROUTE SLIP *Keene*

APPLICATION NO. aPATT024869 TYPE: Salt Water Injection Well

CONAME BUCKEYE BRINE LLC API

WELL NAME /NO. ADAMS 3

COUNTY 31 COSHOCTON INITIALS PN DATE 6/4/2014

DATE APPLICATION REC'D PN 6/4/2014

PERMIT FEE AND CHECK NO. \$1,000.00 1546

RUSH AMOUNT RUSH CHECK NO. \$0.00 0

APPLICATION ENTERED PN 6-4-14

APPLICATIONS AND PLATS SENT FOR MINE APPROVAL eh 6.6.14

COAL APPROVAL RECEIVED eh 6.12.14

OIL/GAS AFFIDAVIT REC'D _____

URBANIZED AREA YES NO

URBANIZED AREA NOTIFICATION SENT _____

PRE-PERMIT REVIEW SENT TO INSPECTOR/REC'D BACK _____

URBAN MAP REVIEW N/A 6/9/14

STATE LAND YES NO N/A 6/9/14

SAMPLES: YES /SPECIAL AREAS 6/9/14

GEOLOGIST APPROVAL _____

DATA ENTRY /ISSUED _____

PERMIT: TAKEN _____ MAILED _____

FAX TO: _____

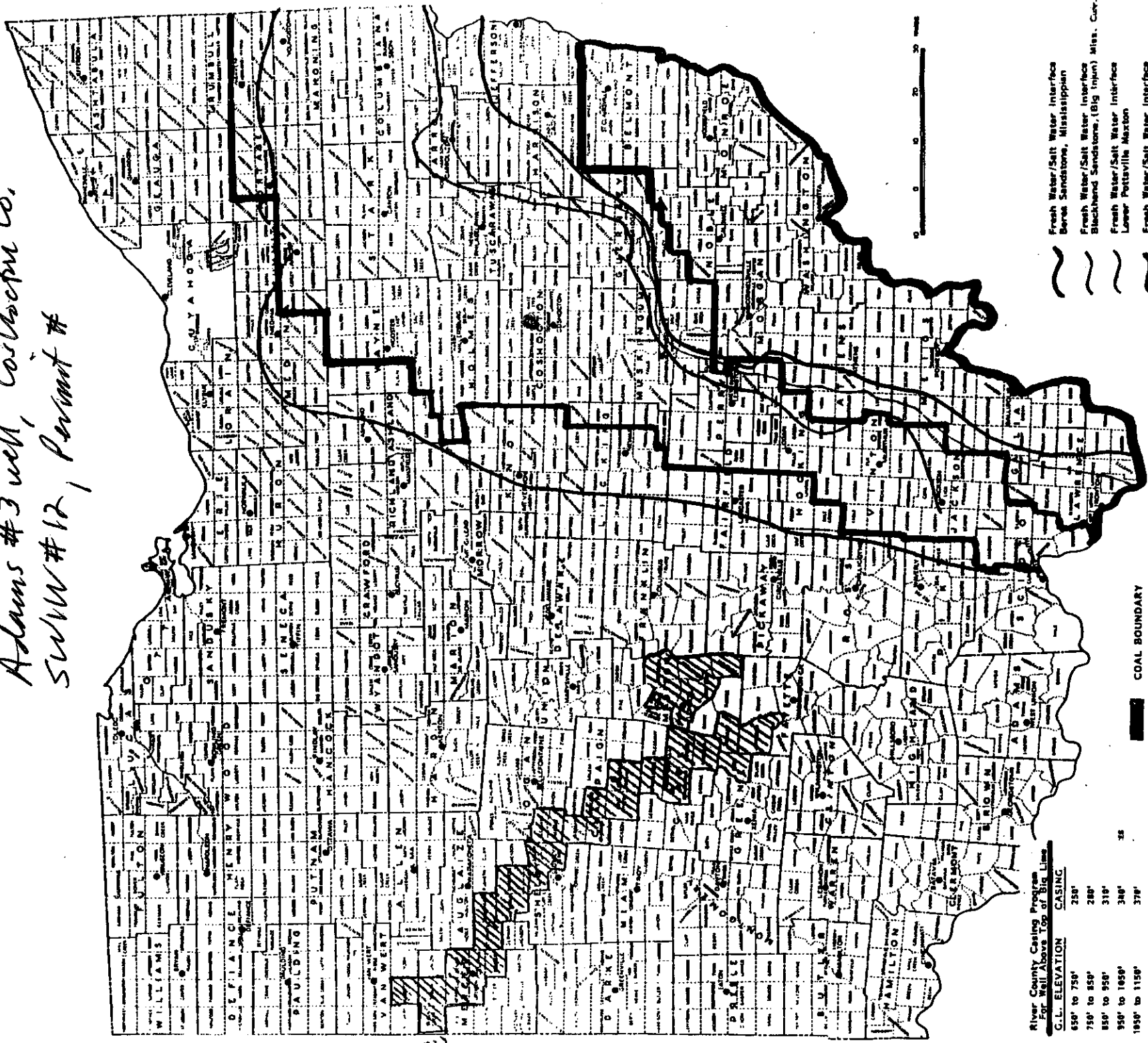
FINAL MAP CHECK _____

COMMENTS: _____

Proof Sheet

APPL NUMBER	aPATT024869	URBANIZED AREA ?	<input type="checkbox"/>
OWNER NUMBER	9245	NAME	
OWNER NAME	BUCKEYE BRINE LLC		
EXISTING WELL	0	STATE LAND ?	<input type="checkbox"/>
API PERMIT NO			
APPL TYPE	SWIW	MP Check #	0
TYPE OF WELL	SWD	PROPOSED FORMATIONS	
VARIANCE REQUEST			
WELL NAME	ADAMS (Swiw # (2))		
WELL NUMBER	3	CAMBRIAN KNOX THRU MT SIMON	
PREV/PROPOSED TD	7400		
DRILL UNIT ACRES	0	UTICA/PT PLEASANT	<input type="checkbox"/>
TYPE OF TOOL	RT	MARCELLUS	<input type="checkbox"/>
WELL CLASS	Swiw	TAKE POINT ORIG X	
FIRE PHONE	(740) 622-9361	TAKE POINT ORIG Y	
MEDICAL PHONE	(740) 622-4294	TARG COUNTY CODE	
COUNTY CODE	31	TARG COUNTY NAME	
COUNTY NAME	COSHOCOTON	TARG CIVIL TWP	
COAL (Y=-1/N=0)	-1	TARG QUAD	
CIVIL TOWNSHIP	KEENE	Nad 27 TARG ORIG X	
SURF QUAD	COSHOCOTON	Nad 27 TARG ORIG Y	
Nad 27 SURF ORIG X	2,181,016	TARG ELEV	0
Nad 27 SURF ORIG Y	232,169	TARG SECTION	
GROUND ELEVATION	785	TARG LOT	
SURF SEC		TARG QTR TWP	
SURF LOT	22	TARG ALLOT	
SURF QTR TWP	4	TARG TRACT	
SURF ALLOT		TARG FRACTION	
SURF TRACT			
SURF FRACTION			

Buckeye Brine LLC
 Adams #3 well, Corbicep Co.
 SWW #12, Permit #

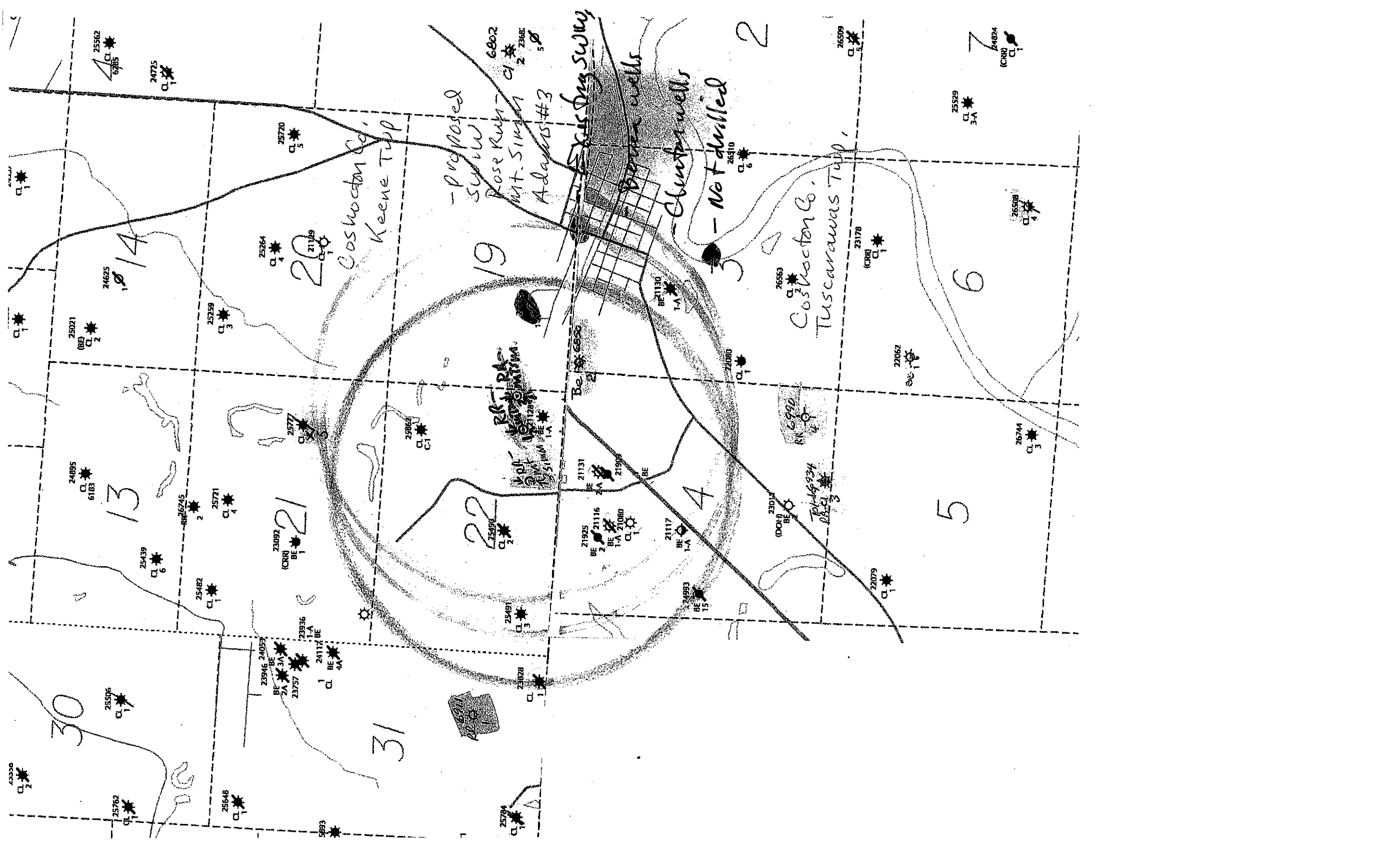


River County Casing Program
 For Well Above Top of Big Limestone

G.L. ELEVATION	CASING
650' to 750'	250'
750' to 850'	280'
850' to 950'	310'
950' to 1050'	340'
1050' to 1150'	370'
1150' to 1250'	400'
1250' to 1350'	430'
OVER 1350'	500'

~~~~~  
 Fresh Water/Salt Water Interface  
 Berea Sandstone, Mississippian  
 Fresh Water/Salt Water Interface  
 Blackhand Sandstone, (Big Injun) Miss. Carb.  
 Fresh Water/Salt Water Interface  
 Lower Pottsville Maxton  
 Fresh Water/Salt Water Interface  
 Upper Allegheny 2nd Coal Run

COAL BOUNDARY



Coshocton Co.  
Keene Twp

Tuscarawas Twp.  
Coshocton Co.

- proposed  
swim  
Rose Run -  
Mt. Simon  
Adams #3

- Clump wells

- No T drilled

Dixie Hwy SW

19

20

21

22

4

5

6

2

3

14

13

30

31

25562  
CL 1

24775  
CL 1

25720  
CL 5

25264  
CL 4

21709  
CL 1

25259  
CL 3

25021  
CL 2

24625  
CL 2

2577  
CL 5

2586  
CL 1

21131  
BE 2A

21989  
BE

21117  
BE 1-A

23012  
BE

22062  
CL 1

26744  
CL 3

24895  
CL 6

25439  
CL 6

25482  
CL 1

25771  
CL 4

23092  
BE 1

23936  
1-A BE

24117  
BE 4A

23757  
BE 2A

23946  
BE 3A

24059  
BE 2A

25481  
CL 3

23028  
CL 1

24893  
BE 15

22079  
CL 1

26510  
CL 6

21130  
BE 1-A

26583  
CL 2

23176  
CRR CL 1

25529  
CL 3A

24824  
CRR CL 1

23380  
CL 2

25762  
CL 1

25646  
CL 1

5893  
CL 1

25784  
CL 1

26509  
CL 1

26508  
CL 4

OPERATOR Buckeye Brine LLC

COUNTY Carrington

TOWNSHIP Keene

| P & A                               | FM                   | Permit Number | Casing/Cement Program                                                      | Well Log and/or Method of Plug                                                 |
|-------------------------------------|----------------------|---------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/>            | Rose Run - Mt. Simon | New well      | 20" - 60' - cemented to surface<br>16" - 500' - Cemented to surface        | Open hole = 5900' - 7300'                                                      |
| <input type="checkbox"/>            | Rose Run - Mt. Simon | 7177          | 11 3/4" - 802' - Cement to surface<br>7" - 5898 - cemented w/ 1650 sacks   |                                                                                |
| <input type="checkbox"/>            | Rose Run - Mt. Simon | 7178          | 12 3/4" - 860' - cemented to surface<br>8 5/8" - 5905' - cemented to 1750' |                                                                                |
| <input type="checkbox"/>            | Be                   | 1175          | Not drilled                                                                | <del>* Permits # 7177 and # 7178</del><br>injection wells                      |
| <input type="checkbox"/>            | Be                   | 6850          | Bevea well                                                                 | also owned and operated by Buckeye Brine LLC                                   |
| <input type="checkbox"/>            | Be                   | 1128          | Bevea well                                                                 |                                                                                |
| <input checked="" type="checkbox"/> | Be                   | 1131          | Bevea well                                                                 | All other wells do not penetrate the injection zones in three injection wells. |
| <input type="checkbox"/>            | Be                   | 1909          | Bevea well                                                                 |                                                                                |
| <input checked="" type="checkbox"/> | Be                   | 1117          | Bevea well                                                                 |                                                                                |
| <input checked="" type="checkbox"/> | Be                   | 4993          | Bevea well                                                                 | 6/9/2019                                                                       |

NOTE: Proposed injection well should be circumscribed with appropriate radius and all wells clearly labeled and identified. A legend depicting color code is required.



Ohio Department of Natural Resources  
 Division of Oil and Gas Resources Management  
 2045 Morse Rd. Bldg. H-3 – Columbus OH 43229-6693



**RECEIVED**  
 JUN 13 2014  
 Division of Oil and Gas  
 Resources Management

*Pre-Construction Permit Conditions*

|                    |                          |                            |                                   |
|--------------------|--------------------------|----------------------------|-----------------------------------|
| Application Number | Permit Number            | Inspection Date            | Modification Date (if applicable) |
|                    |                          | 6/12/2014                  |                                   |
| Company            | Buckeye Brine LLC        | Lease Name/Well #          | Adams#3                           |
| County             | Coshocton                | Township                   | Keene                             |
| Section/Lot        | 402'SL&1250'EL of lot 22 | Urban Area (if applicable) |                                   |
| Inspected By       | Dave Ball                |                            |                                   |
| Accompanied By     |                          |                            |                                   |

Directions to Location State route 36 west to Coshocton across from Walmart

ITEM LEASE ROAD, WELL SITE CONSTRUCTION

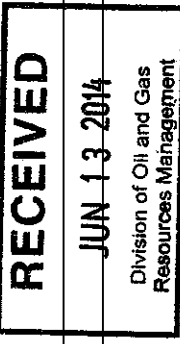
| ITEM | Comments:                                                                              |
|------|----------------------------------------------------------------------------------------|
| 1    | Tree/Brush Removal/Disposition wildlife habitat                                        |
| 2    | Topsoil Removal/Stockpiles/Placement preserve and protect topsoil                      |
| 3    | Erosion/Sediment Control (Silt Fence, Berms) where needed                              |
| 4    | Drainage Controls (Diversion Ditches, Culverts, Waterways, Crossings) placed if needed |
| 5    | Signage posted at entrance                                                             |
| 6    | Apron/Culverts/Road Materials where needed                                             |
| 7    | Pull Off Area n/a                                                                      |
| 8    | Parking n/a                                                                            |
| 9    | GPS – Access Road                                                                      |
| 10   | GPS – Well Stake 40.30216 081.85088                                                    |
| 11   | GPS – Tank Battery same as Adams#1&2                                                   |
| 12   | GPS – Pit Location to be determined                                                    |
| 13   | Site Construction Plan none needed                                                     |

ITEM

DRILLING CONSIDERATIONS

Comments:

|    |                                                        |                                                                     |
|----|--------------------------------------------------------|---------------------------------------------------------------------|
| 14 | Location Dimensions                                    |                                                                     |
| 15 | (Length, Width, Approximate Acreage)                   |                                                                     |
| 16 | Multiple Wells?                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No X          |
| 17 | Rig Type                                               | air/fluid rotary                                                    |
|    | Is a blow-out preventer required?                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|    | If No, explain:                                        |                                                                     |
| 18 | Equipment Placement/ Orientation (Rig/Frac Tanks/Etc.) | no special placement needed                                         |



|    |                                |                          |                                     |    |
|----|--------------------------------|--------------------------|-------------------------------------|----|
| 19 | Mine Voids?                    | Yes                      | <input checked="" type="checkbox"/> | No |
| 20 | Verify Water Wells Within 300' | n/a                      |                                     |    |
| 21 | Verify Structures Within 500'  | one                      |                                     |    |
| 22 | Verify Streams and Drainage    |                          |                                     |    |
| 23 | Flood Plain?                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | No |
| 24 | Stream Crossing?               | <input type="checkbox"/> | <input checked="" type="checkbox"/> | No |
|    | Corps of Engineers Notified?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | No |
|    | Wetlands?                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | No |
| 25 | EPA Notified?                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | No |

ITEM

PITS

Comments:

|    |                                       |  |  |                          |
|----|---------------------------------------|--|--|--------------------------|
| 26 | Drilling Pits (Placement/Orientation) |  |  |                          |
| 27 | Pit Dimensions (Length, Width, Depth) |  |  |                          |
| 28 | Estimated Volume/Capacity             |  |  |                          |
| 29 | Number & Type of Liners               |  |  |                          |
| 30 | Thickness of Liner                    |  |  |                          |
| 31 | Type of Material Under Liner          |  |  |                          |
| 32 | Pit Construction Plan                 |  |  |                          |
| 33 | Fencing (Pits/Entire Location)        |  |  | fence any open pit areas |

ITEM

RESTORATION

Comments:

|    |                                                                              |  |  |                                      |
|----|------------------------------------------------------------------------------|--|--|--------------------------------------|
| 34 | Pit Closure – (Standard/Solidification/Off-Site Disposal – state time frame) |  |  |                                      |
| 35 | Site-Specific Time Frame for Restoration                                     |  |  | solidify when done drilling standard |
| 36 | Erosion/Sediment Control                                                     |  |  | where needed                         |
| 37 | Drainage Control                                                             |  |  | where needed                         |

ITEM

PRODUCTION

Comments:

|    |                                   |                          |     |                                     |    |            |
|----|-----------------------------------|--------------------------|-----|-------------------------------------|----|------------|
| 38 | Is the Access Road Gate required? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No | none urban |
|    | If No, explain:                   |                          |     |                                     |    |            |

WAIVERS

Comments:

|    |                                               |                          |     |                                     |    |
|----|-----------------------------------------------|--------------------------|-----|-------------------------------------|----|
| 39 | Is the Company required to submit a waiver?   | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|    | If yes, submit the following waiver requests: |                          |     |                                     |    |

Is the Company required to submit revised drawings?  Yes  No

**THE FOLLOWING ITEMS HAVE BEEN CHANGED FROM THE ORIGINAL APPLICATION:**

Seismic monitoring suggested due too amount of SWIW'S in area.



**INTER-OFFICE MEMO**

**TO: Dave Ball, Mineral Resources Inspector**  
**FROM: Tom Tomastik, Geologist**  
**SUBJECT: Application and Site Evaluation for a SWIW permit**  
**DATE: June 9, 2014**

The Division of Oil and Gas Resources Management has received an application for the proposed saltwater injection well as described below:

**OPERATOR: Buckeye Brine LLC**  
**WELL NAME & NUMBER: Adams # 3**  
**PERMIT NUMBER: New Well, SWIW #12**  
**LOCATION: 402' SL & 1250' EL of Lot 22, Keene Twp., Coshocton County**  
**PROPOSED INJECTION ZONE: Knox – Mt. Simon Sandstone**  
**DATE RECEIVED: June 4, 2014**

Please inspect proposed site and evaluate for any potential water wells or surface bodies of water within close proximity that would require any additional permit conditions for the construction of the SWIW surface facilities. Please e-mail me a copy of the site inspection report with any recommendations.



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

*Richard J. Simmers, Chief*  
Division of Oil and Gas Resources Management  
2045 Morse Road, Building F-2  
Columbus, OH 43229-6693  
Phone: (614) 265-6922; Fax: (614) 265-6910

June 9, 2014

Mr. Steve Mobley  
Buckeye Brine LLC  
2630 Exposition, Suite 117  
Austin, Texas 78703

**RE: Public Notification for SWIW application for Coshocton County, Keene Twp.,  
New well, Adams #3 injection well**

Dear Mr. Mobley:

As outlined in Rule 1501: 9-3-06 (E) (1) of the Ohio Administrative Code, please consider this letter as notification from the Division for you to proceed with the public notice. Enclosed, please find a copy of the notice you will need to have run in the newspaper of general circulation in the area of the proposed injection well. **The public notice must be run for five days. After running this notice in the newspaper, please send me the original proof-of-publication from the newspaper as soon as possible.**

If you have any questions regarding this matter, please feel free to contact me at (614) 265-1032.

Sincerely,

Tom Tomastik, Geologist  
UIC Section

Division of Oil and Gas Resources Management  
2045 Morse Road, F-2  
Columbus, Ohio 43229-6693

Cc: File

2045 Morse Rd • Columbus, OH 43229-6693 • [ohiodnr.com](http://ohiodnr.com)

## **PUBLIC NOTICE**

**Buckeye Brine LLC 2630 Exposition, Suite 117, Austin, Texas 78703, (512) 478-6545 is applying to permit a well for the injection of brine water produced in association with oil and natural gas. The location of the proposed injection well is 402' SL & 1250' EL of Lot 22, Keene Township, Coshocton County, Ohio. The proposed well will inject into the Knox through Mt. Simon Sandstone at a depth of 5900 feet to 7300 feet. The average injection is estimated to be 5000 barrels per day. The maximum injection pressure is estimated to be 1360 psi. Further information can be obtained by contacting Buckeye Brine LLC or the Division of Oil and Gas Resources Management. The address of the Division is: Ohio Department of Natural Resources, Division of Oil and Gas Resources Management, 2045 Morse Road, Building F-2, Columbus, Ohio 43229-6693, (614) 265-6922. For full consideration, all comments and objections must be received by the Division, in writing, within fifteen calendar days of the last date of this published legal notice.**



# Ohio Department of Natural Resources

JOHN W. KASSEL, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

## REQUEST FOR DRILL CUTTINGS SAMPLES

In accordance with Ohio Revised Code, Section 1509.10 (C), the Ohio Department of Natural Resources, Division of Geological Survey requires a set of drill cuttings from the following well:

Operator: BUCKEYE BRINE LLC  
 Phone: (512) 680-4265  
 API #: \_\_\_\_\_  
 Application #: aPATT024869  
 Lease Name: ADAMS #3  
 Located: Surface: \_\_\_\_\_  
 Target: \_\_\_\_\_  
 County: COSHOCOTON  
 Township: KEENE  
 Interval(s): Top of Wells Creek to TD

The following *minimum* sample sizes are required:

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| Vertical hole, fluid | Every 10 ft., 25 grams dried <b>OR</b> 100 grams unwashed |
| Vertical hole, air   | Every 50 ft., 25 grams dried                              |
| Horizontal           | Every 90 ft., 25 grams dried                              |

Sample hole and intervals must be clearly labeled.

**Samples collection and delivery are the responsibility of the operator.** Please send the samples to:

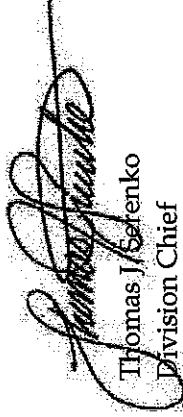
ODNR Division of Geological Survey  
 3307 S. Old State Rd.  
 Delaware, OH 43015-9454

Your point of contact for sample shipment and delivery is:

Aaron Evelsizer  
 Phone: (740) 548-7348 Ext. 130  
 E-mail: aaron.evelsizer@dnr.state.oh.us

If requested, we will hold the samples confidential for a period of one (1) year from the date that the well reached total depth (TD). A request for confidentiality must be made in writing to the

Division Chief.



Thomas J. Serenko  
 Division Chief

Date requested  
6/6/2014

2045 Morse Road, Building C-1 Columbus, OH 43229-6693 • (614) 265-6576



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Richard J. Simmers, Chief  
**Division of Oil and Gas Resources Management**  
2045 Morse Road, Bldg. F-2  
Columbus, OH 43229-6693  
Phone (614) 265-6922 Fax (614) 265-6910

June 6, 2014

Attn: Robert Raber  
Coshocton/Keene  
27218 CR 406  
Fresno, OH 43818


Re: Adams

Dear Robert Raber:

Pursuant to your request, we are notifying you of an application that we have received from Buckeye Brine LLC. They have applied for a permit to drill an oil/gas well in Keene Township. Attached, please find a copy of the application and surveyor's plat for this proposed well.

Should you have any questions or concerns about this proposed well site, please feel free to contact your county oil and gas inspector, Chris Grimm (234) 380-7394 or you may contact our regional office in Zanesville, Ohio (740) 588-0631.

Sincerely,

  
Ella Hargro, Office Assistant 3  
Oil and Gas Well Permitting Section  
(614) 265-6902

2045 Morse Rd • Columbus, OH 43229-6693 • [ohiodnr.com](http://ohiodnr.com)

Adams # 3 Corwood Co.  
SWW # 12

Maximum Surface Injection Pressure Calculation

$$P_m = 0.75D - P_G D$$

$P_m$  = maximum surface injection pressure (psi)

0.75 = maximum injection pressure gradient allowed (psi/ft)

D = depth to highest perforation or top of open hole (ft)

$P_G$  = pressure gradient of disposal fluids (psi/ft)

Find  $P_G$  by multiplying 0.433 by the specific gravity (SG) of the injection fluid. 0.433 is the pressure gradient for freshwater.

Use 1.2 as default specific gravity (SG) for injection fluid. This is a conservative value that is characteristic of Clinton water.

$$1. P_G = 0.433 \times SG$$

$$P_G = 0.433 \times \underline{1.2}$$

$$P_G = \underline{0.52}$$

$$2. P_m = 0.75D - P_G D$$

$$P_m = [(0.75 \text{ psi/ft})(\underline{5950})] - [(\underline{0.52})(\underline{5950})]$$

$$P_m = (\underline{4463}) - (\underline{3094})$$

$$P_m = \underline{1370 \text{ psi}}$$

#1546  
81000

APPLICATION FOR A PERMIT (Form 1)  
OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT  
2045 MORSE ROAD, BUILDING F-2  
COLUMBUS, OHIO 43229-6693  
(614) 265-6922

SEE INSTRUCTIONS ON BACK

af04024869

1. We (applicant) Buckeye Brine LLC  
Address: 2630 Exposition, Suite 117, Austin, Texas 78703  
hereby apply this date May 23, 20 14 for a permit to:

2. Owner #: 353 9245  
Phone #: 512-478-6545

- Drill Vertical Well
- Drill Horizontally
- Drill Directionally
- Reissue
- Revised Location
- Plug Back
- Plug and Abandon
- Temporary Inactive ( 1<sup>st</sup> year  2<sup>nd</sup> year  3<sup>rd</sup> year  Convert  Deepen  Reopen

3. TYPE OF WELL:  Oil & Gas  Saltwater Injection  
 Stratigraphic Test  Gas Storage  Other (explain):  
 Solution Mining\*  Enhanced Recovery\* (\*if checked, select appropriate box below)  
 Input/Injection  Water Supply  Observation  Production/Extraction

4. IS THE WELL LOCATION OR PRODUCTION FACILITY(S) WITHIN AN URBANIZED AREA AS DEFINED BY 1509.01 (Y)?  Yes  No

20. TYPE OF TOOLS:  
 Cable  Rotary (  Air  Fluid )  
 Cable/Rotary  Service Rig

5. MAIL PERMIT TO: Buckeye Brine Treatment & Disposal  
23986 Airport Rd.  
Coshocton, Ohio 43812

6. COUNTY: Coshocton

7. CIVIL TOWNSHIP: Keene

8. SECTION: 9. LOT: 23

10. FRACTION: 11. QTR TWP: 4th

12. TRACT/ALLOT:

13. WELL #: 3

14. LEASE NAME: Adams

15. PROPOSED TOTAL DEPTH: 7400

16. PROPOSED GEOLOGICAL FORMATION(S):  
Cambrian Knox through Mt. Simon

17. DRILLING UNIT ACRES: Na

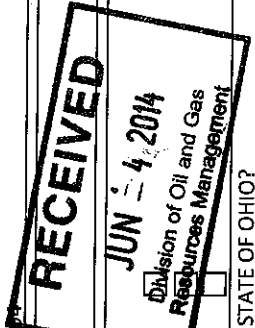
18. ATTACH LANDOWNER ROYALTY LISTING:

19. IF PERMITTED PREVIOUSLY:  
 API #: \_\_\_\_\_ (bbl) Gas: \_\_\_\_\_ (mcf)

21. SOURCE(S) OF GROUND AND/OR SURFACE WATER USED IN PRODUCTION  
 OPERATION: Drilling  
 Watershed:  Lake Erie  Ohio River  
 Estimated Withdrawal Rate (gal/day): 5400  
 Estimated Total Volume (gal): 75600  
 If Recycled Water - Estimated Total Volume (gal): \_\_\_\_\_

22. EMERGENCY TELEPHONE NUMBERS: (closest to well site):  
 Fire: Three Rivers 740-622-9361  
 Medical: Coshocton Co. 740 622-4744

23. MEANS OF INGRESS & EGRESS:  
 Road: Airport Rd



24. ROAD USE FOR A HORIZONTAL WELL:  
 Maintenance Agreement Attached   
 Non-agreement Affidavit Attached   
 State Route (Not Required)

25. ARE THE SURFACE RIGHTS OWNED BY STATE OF OHIO?  
 Agency Name: Na

26. FOR PLUGGING APPLICATIONS:  
 Date of Last Production: na  
 Amount of Oil: \_\_\_\_\_ (bbl) Gas: \_\_\_\_\_ (mcf)

27. PROPOSED CASING AND CEMENTING PROGRAM

| Type Casing                  | Borehole Diameter (in) | Borehole Depth (ft) | Casing Diameter (in) | Casing Depth (ft) | Cement Volume (sacks) | Formation       | Zone Tested or produced (✓ if Yes) | Hydraulic Fracturing (✓ if Yes) |
|------------------------------|------------------------|---------------------|----------------------|-------------------|-----------------------|-----------------|------------------------------------|---------------------------------|
| Drive Pipe                   |                        |                     |                      |                   |                       |                 | <input type="checkbox"/>           | <input type="checkbox"/>        |
| Conductor                    | 24                     | 120                 | 20                   | 60                | 110                   | into bedrock    | <input type="checkbox"/>           | <input type="checkbox"/>        |
| Mine String                  |                        |                     |                      |                   |                       |                 | <input type="checkbox"/>           | <input type="checkbox"/>        |
| Surface                      | 17.50                  | 550                 | 16                   | 500               | 140                   | thru freshwater | <input type="checkbox"/>           | <input type="checkbox"/>        |
| 1 <sup>st</sup> Intermediate | 14.75                  | 925                 | 11.75                | 875               | 550                   | thru Berea      | <input type="checkbox"/>           | <input type="checkbox"/>        |
| 2 <sup>nd</sup> Intermediate |                        |                     |                      |                   |                       |                 | <input type="checkbox"/>           | <input type="checkbox"/>        |
| Production                   | 10.63                  | 6000                | 8.63                 | 5950              | 1650                  | to Knox         | <input type="checkbox"/>           | <input type="checkbox"/>        |
| Liner                        |                        |                     |                      |                   |                       |                 | <input type="checkbox"/>           | <input type="checkbox"/>        |

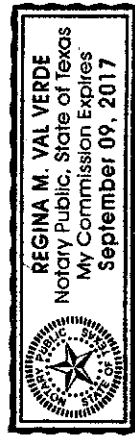
I, the undersigned, being first duly sworn, depose and state under penalties of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that the facts stated herein are true, correct, and complete, to the best of my knowledge.

I, the undersigned, further depose and state that I am the person who has the right to drill on the tract or drilling unit and to drill into and produce from a pool and to appropriate the oil or gas that I produce therefrom either for myself or others as described in this application. And furthermore, I, the undersigned, being duly sworn, depose and state at this time that I am not liable for any final nonappealable order of a court for damage to streets, roads, highways, bridges, culverts, or drainage ways pursuant to Section 5577.12 of the Ohio Revised Code (ORC). I, the undersigned, further depose and state that all notices required by 1509.06 (A) (9) ORC for this application have been duly provided by me, if applying for a permit to plug and abandon a well, I hereby certify that the written notices, as required in Section 1509.13, ORC, have been given.

That I hereby agree to conform with all provisions of Chapter 1509, ORC, and Chapter 1501, OAC, and all orders and conditions issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Owner/Authorized Agent Steve Mobley Title President  
 Name (Type or Print) Steve Mobley

Sworn to and subscribed before me this the 30<sup>th</sup> day of May, 20 14  
Regina M. Valverde  
 (Notary Public)



September 9, 2017  
 (Date Commission Expires)

**SUPPLEMENT TO APPLICATION  
PERMIT FOR A SALTWATER INJECTION WELL (Form 210)**

Ohio Department of Natural Resources, Division of Oil and Gas Resources Management  
2045 Morse Road, Building F-2, Columbus, Ohio 43229-6693

**AREA OF REVIEW.** An application for a saltwater injection well (SWIW) will be evaluated on the basis of an "area of review" surrounding the proposed well. The area of review for wells, in which injection of greater than two hundred (200) barrels per day is proposed, shall be the area circumscribed by a circle with the center point at the location of the injection well and a radius of one-half mile. The area of review for wells, in which a maximum injection of two hundred (200) barrels per day or less is proposed, shall be the area circumscribed by a circle with the center point at the location of the injection well and a radius of one-quarter mile.

**31. PROPOSED INJECTION ZONE**

Geological Formation: Cambrian Knox Through Mt. Simon

Injection Interval: From: Rose Run To Mt. Simon      Feet to Approx 5950-7300

Geologic description of injection zone: Cambrian Sandstone And Dolomite

Composition of Proposed Fluids to be Injected: (Check all that apply)

Brine

Flow-Back

Drilling Fluids

Other Approved Fluids

**32. WELL CONSTRUCTION AND OPERATION**

A. Description of the proposed casing and cement program for new wells, or of the casing, cementing or sealing with prepared clay for existing wells to be converted: (Tab to next line to continue)

20" Conductor Csg Set Into Bedrock At Approx. 120' And Cmt'd To Surf

16" Surf. Csg. Set Thru The Freshwater At About 500 Ft., And Cmt'd To Surf.

11.75" Int. Csg. Set Thru Berea At About 875 Ft., And Cmt'd To Surf.

8.63" Prod. Csg. Set To Top Of Knox At About 5950' And Cmt'd To Surf.

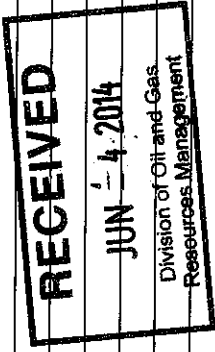
B. Proposed method for testing the casing: (Tab to next line to continue)  
Surf Csg Tested To 500# After Cmt'd

Intermediate Csg. Tested To 500# After Cmt'd

Prod. Csg. Tested To 1500# After Cmt'd

C. Description of the proposed method for completion and operation of the injection well: (Tab to next line to continue)  
Openhole Completion Below Production Csg. Acidized As Necessary For Injectibility

D. Description of the proposed unloading, surface storage, and spill containment facilities: (Tab to next line to continue)  
As Already Approved And Constructed For Adams #1.



**33. PROPOSED INJECTION VOLUMES**

A. Indicate the estimated amount of saltwater to be injected into the proposed injection well per day:

AVERAGE: 5000      MAXIMUM: 8000

B. Indicate the method to be used to measure the actual daily injection pressure:

Calibrated Gauge And Transmitter And Logged On Computer By The Minute.

**34. PROPOSE INJECTION PRESSURES**

A. Indicate the estimated pressure to be used for injection of saltwater into the proposed injection well:

AVERAGE: 1000      MAXIMUM: 1370 psi

**35. PROPOSED CORRECTIVE ACTION**

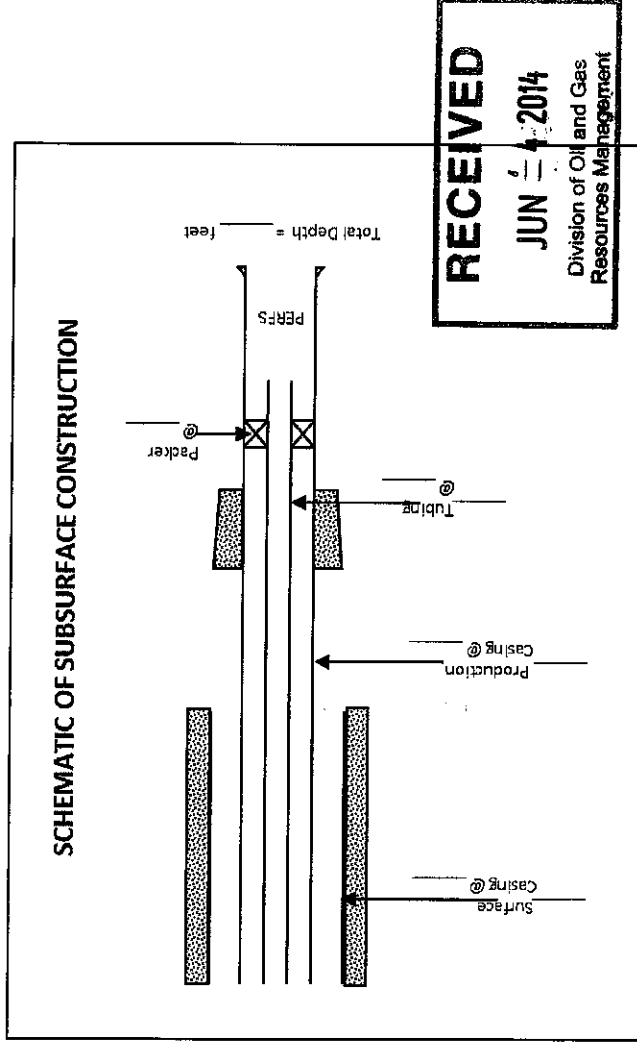
Explain any corrective action proposed for wells penetrating the proposed injection formation or zone within the area of review:

There Exist No Wells Within The Area Of Review That Penetrate The Proposed Injection Zones.



36. **MAP.** Each application for a permit shall be accompanied by a map or maps showing and containing the following information:
- A. The subject tract of land on which the proposed injection well is to be located.
  - B. The location of the proposed injection well on the subject tract established by an Ohio registered surveyor showing the distances in feet from the proposed well site to the boundary lines on the subject tract;
  - C. The geographic location of all wells, penetrating the formation proposed for injection regardless of status, within the area of review;
  - D. All holders of the land owner's royalty interest of record, or holders of the severed oil and gas mineral estates of record in the subject tract;
  - E. All owners or operators of wells producing from or injecting into the same formation proposed as the injection formation.

37. **SCHEMATIC DRAWING OF SUBSURFACE CONSTRUCTION.** Label the schematic drawing below indicating size and setting depth of surface casing, intermediate (if any) and production casings; amount of cement used, measured or calculated tops of cement; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval. If the proposed input well design is substantially different from the schematic below, attach on a separate sheet a schematic of your proposal labeled with the above information.

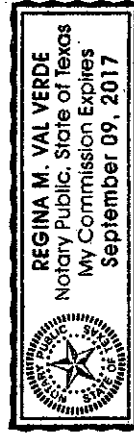


38. Public notice of an application for an enhanced recovery project is required by law. In addition, the applicant must submit, on an attached sheet, a list of the names and address(es) of those persons required to receive personal notice in accordance with Rule 1501:9-5-05(E)(1), of the Ohio Administrative Code.
- After submitting the application, and after a determination by the Division that it is complete as required by the rules of the Division, a legal notice must be published by the applicant in a newspaper of general circulation in the area of review. The legal notice must contain the information described in Rule 1501:9-5-05(E)(1) of the Ohio Administrative Code. A copy of the notice must be delivered to all owners or operators of wells within the area of review producing from or injecting into the same formation proposed as the injection formation. Proof of publication, publication date, and an oath as to the delivery to those entitled to receive personal notice under this method must be filed with the Division within thirty (30) days after the Division determines that the application is complete.

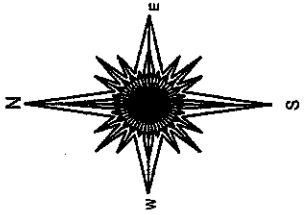
In addition, notice of all applications for enhanced recovery projects will be published in the *Division's Weekly Circular*. The undersigned hereby agrees to comply with all provisions for an enhanced recovery project as required by Chapter 1501:9-5 of the Ohio Administrative Code. In addition, the undersigned deposed and says that s/he shall conform to all provisions of Section 1509.072 of the Ohio Revised Code, and to all orders and rules issued by the Chief, Division of Oil and Gas Resources Management.

Owner/Authorized Agent (Type or Print): Steven M. Mobley  
 Signature of Owner/Authorized Agent: *Steven M. Mobley* Title: President  
 Permanent Address of Home Office: 21630 Depository Blvd., Suite 117, Austin, TX  
 If signed by Authorized Agent, a certified copy of appointment of agent must be on file with the Division. 78703

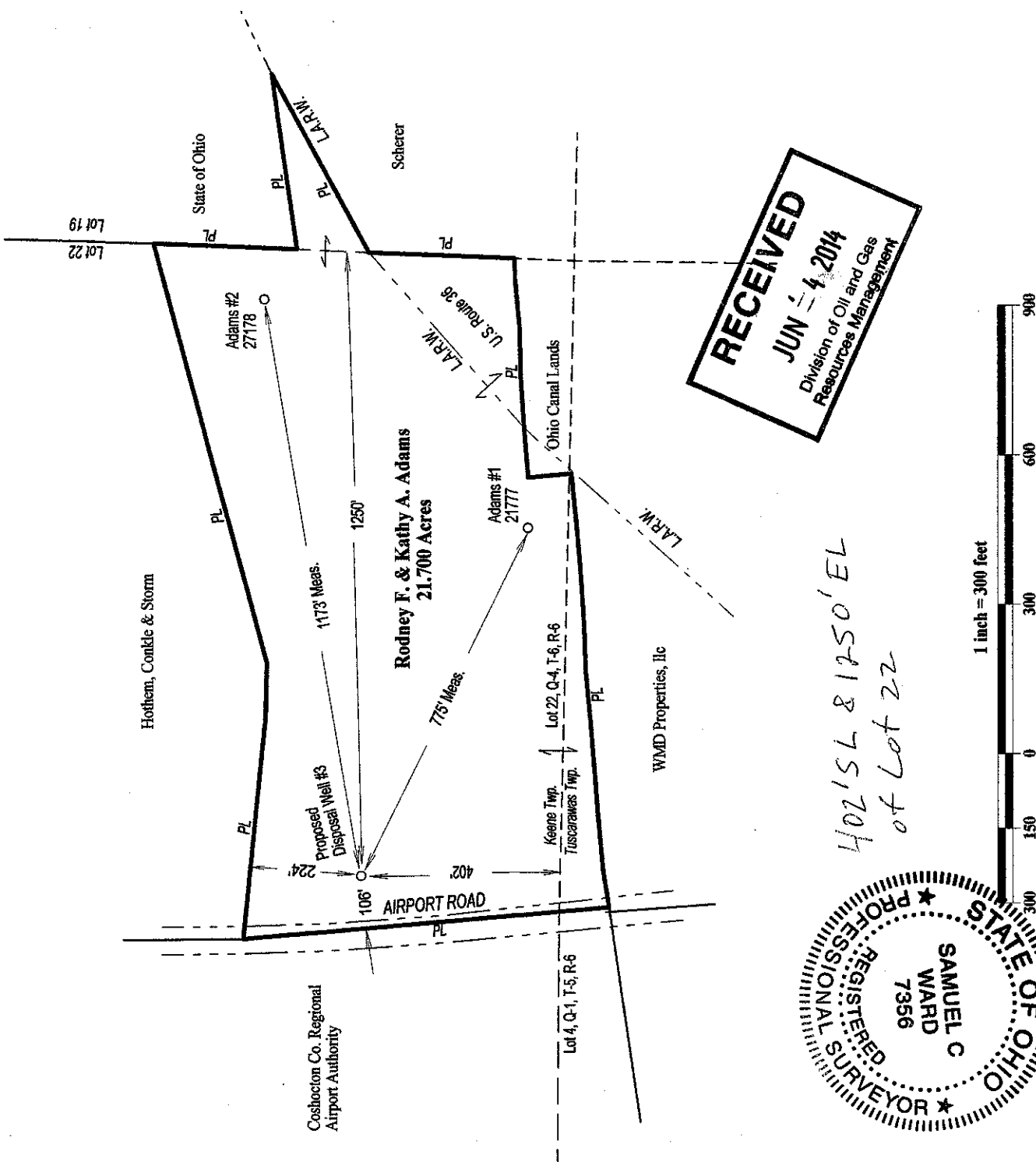
SWORN to and subscribed to me  
 this 30th day of May, 2014.



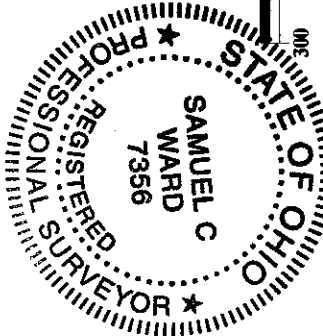
*Regina M. Val Verde* Notary Public  
September 9, 2017 Date Commission Expires



Prepared by  
**WARD & EMLER SURVEYING, INC.**  
 113 Third Street SE  
 New Philadelphia OH 44663-2512  
 (330) 364-5866



**RECEIVED**  
 JUN 14 2014  
 Division of Oil and Gas  
 Resources Management



*402' SL & 1250' EL  
 of Lot 22*

I hereby certify that all drilling and producing wells within 100 feet and all buildings and streams within 200 feet have been shown, there are no drilling units lines nearer that 100 feet, that this plat is true and correct and was prepared according to the current State of Ohio, Department of Natural Resources, Oil and Gas Regulations.

*Samuel C. Ward*  
 Professional Surveyor # 7356

Operator Buckeye Brine Treatment & Disposal  
 Address 23986 Airport Road, Coshoccon Ohio 43812  
 Landowner Surface Rodney F. & Kathy A. Adams  
 Mineral Same  
 Well No. Disposal #3 Drilling Unit Acreage N/A  
 County Coshoccon  
 Township Keene  
 Quad. NAD 27 X 2,181.016' NAD 83 X 2,149.552'  
 Ohio Plane Coordinates Y 232,169' Y 232,199'

Subdivision Civil Township  
 Township 6  
 Range 6  
 Quarter Township 4  
 Section 6 Lot 22  
 Tract \_\_\_\_\_  
 Allotment U.S. Military Lands  
 Fraction Other  
 Elev. 785' - gps Date May 20, 2014

**Form 210 Supplemental - Section 36**

for the proposed

Buckeye Brine No. 3 Adams  
Keene Twp., Coshocton Co.

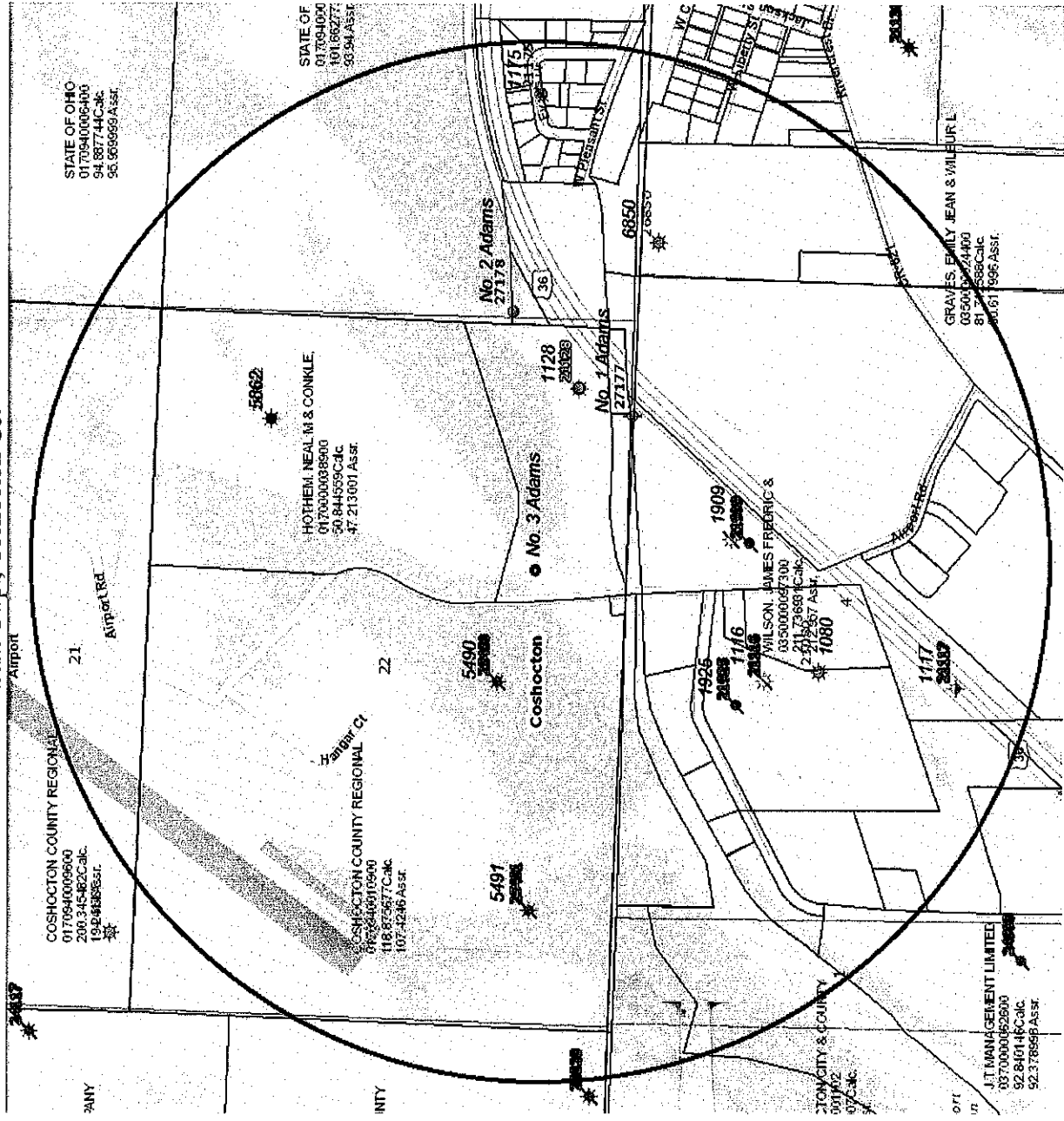
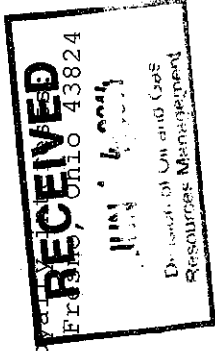


Figure 36-C - Map showing the location of all wells within a half mile radius of the proposed No. 3 Adams. None were drilled deeper than the top of the Queenston shale

Form 210, Section 36-D - Listing of all landowner records

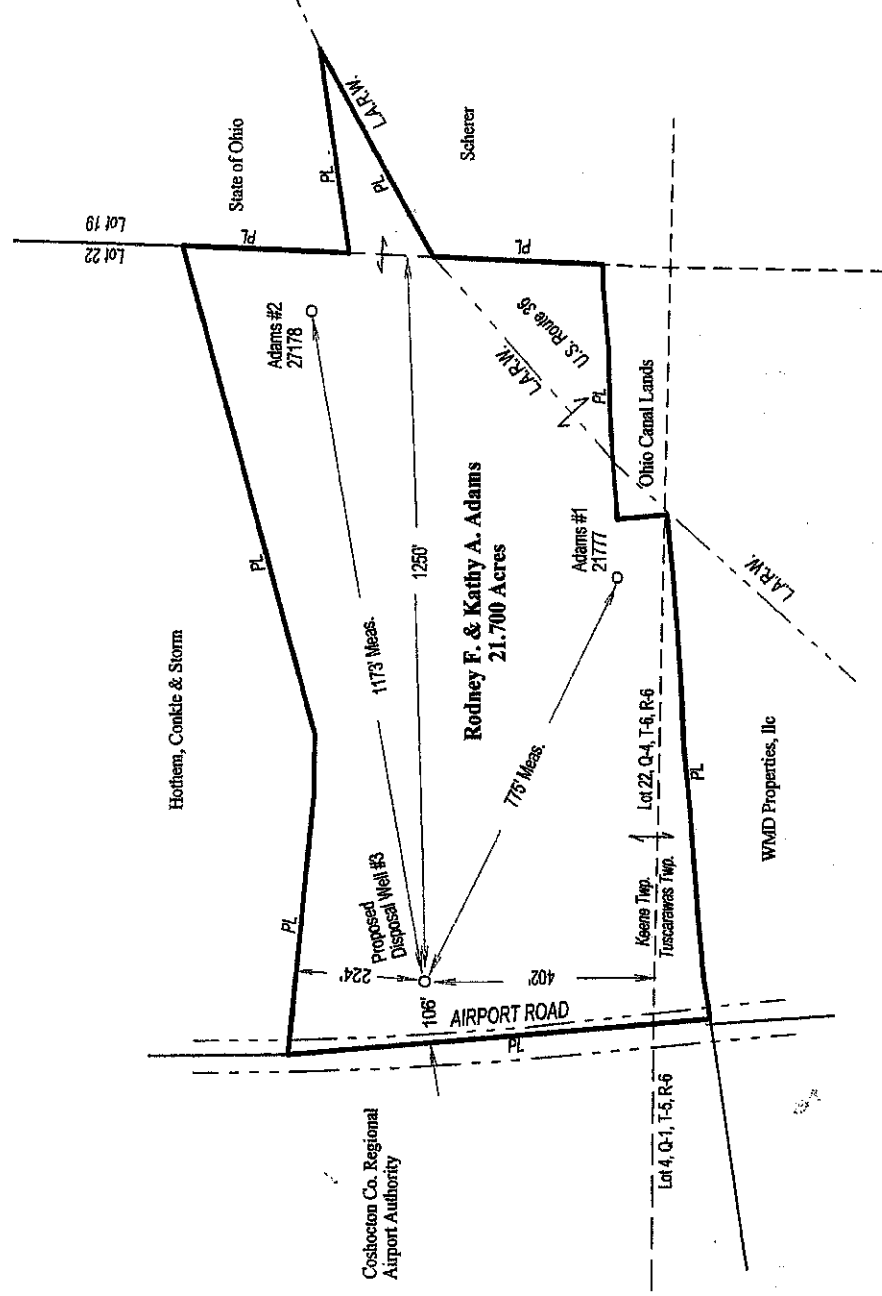
- Rodney F. & Kathy A. Adams, 27353 St. Rt. 621,
- end of list

**Form 210 Supplemental - Section 37**



**Form 210 Supplemental - Section 36**

for the proposed  
Buckeye Brine No. 3 Adams  
Keene Twp., Coshocton Co.

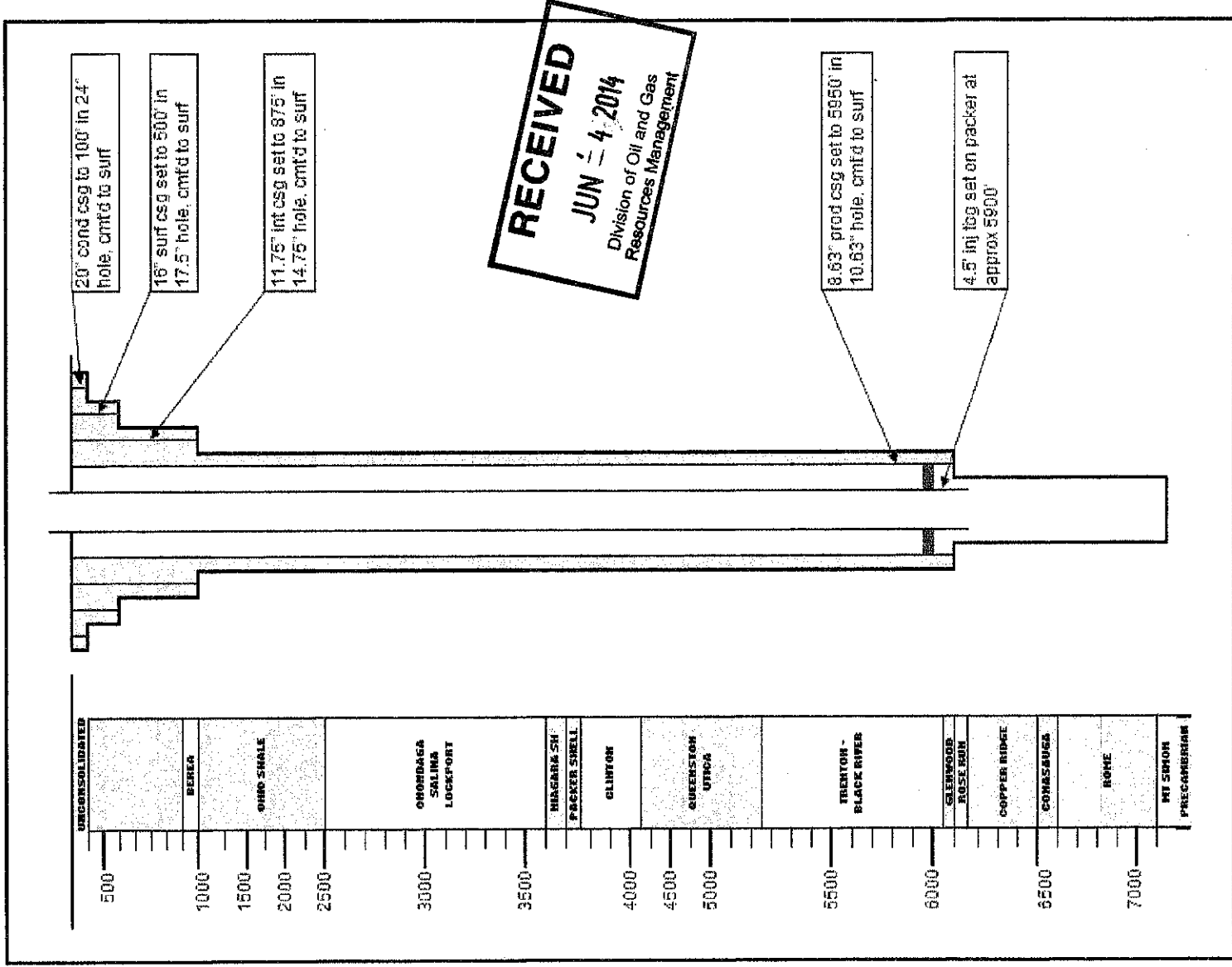


**Figure 36-A-B** - Outline of the Adams lease, showing the location of the proposed No. 3 Adams well and measured distances from lease/property lines.

**RECEIVED**  
JUN 4 2014  
Division of Oil and Gas  
Resources Management

**FORM 210 SUPPLEMENTAL - SECTION 37**

**FOR THE PROPOSED  
BUCKEYE BRINE NO. 3 ADAMS  
KEENE TWP., COSHOCTON CO.**



**Figure 37** - Schematic of proposed casing program for the Buckeye Brine No. 3 Adams

**SALTWATER INJECTION WELL – AFFIDAVIT**

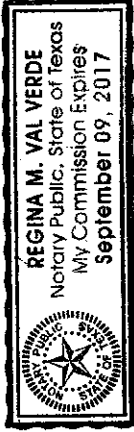
Ohio Department of Natural Resources  
Division of Oil and Gas Resources Management  
2045 Morse Road, Bldg. F2, Columbus, Ohio 43229-6693

State of Texas, Travis County, ss  
Steve Mobley, President, Preferred Fluids Management, LLC being  
first duly sworn says that as principal, or authorized agent, for Buckeye Brine, LLC, he or  
she has made application for a saltwater injection well in the State of Ohio Coshocton  
County, Keene Township, section/lot number 22, 4th Qtr; and

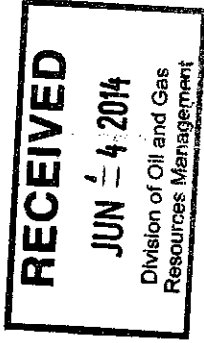
further certifies that notice of application has been delivered to each individual entitled to personal  
notification in accordance with paragraph (E) of Rule 1501:9-3-.06 of the Ohio Administrative Code.  
And further affiant saith not.

Steve Mobley  
Affiant Signature

Sworn to before me and subscribed in my presence this 30th day of May,  
20 14.



Regina M. Val Verde  
Notary Public



**RESTORATION PLAN (Form 4)**

Ohio Department of Natural Resources  
 Division of Oil and Gas Resources Management, 2045 Morse Road, Bldg. F-2, Columbus OH 43229-6693

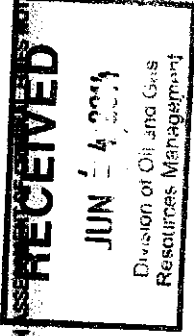
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. DATE OF APPLICATION: 23-May-14</p> <p>2. OWNER NAME, ADDRESS, &amp; TELEPHONE NO:<br/>                 Buckeye Brine LLC, 2630 Exposition, Suite 117, Austin, Texas 78703 - 512-478-6645</p>                                                                                                                                                                                                                                                                                                                                                        | <p>3. API #: _____</p> <p>4. WELL #: 3</p> <p>5. LEASE NAME: Buckeye Brine</p> <p>6. PROPERTY OWNER: Rodney &amp; Kathy Adams</p> <p>7. COUNTY: Coshocton</p> <p>8. CIVIL TOWNSHIP: Keene</p> <p>9. SECTION: 10. LOT: 22. 4/4</p>                                                                                                                                                                                                                         |
| <p>11. CURRENT LAND USE:</p> <p><input type="checkbox"/> Cropland <input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Pasture <input checked="" type="checkbox"/> Idle Land</p> <p><input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input type="checkbox"/> Woodland <input type="checkbox"/> Broadleaf <input type="checkbox"/> Needlelike</p>                     | <p>17. TYPE OF WELL: <input type="checkbox"/> Oil <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Other</p>                                                                                                                                                                                                                                                                                                                              |
| <p>12. SLOPE GRADIENT &amp; LENGTH DETERMINED FROM:</p> <p><input type="checkbox"/> Ground Measurement</p> <p><input checked="" type="checkbox"/> U.S. Geological Survey Topographical Maps</p> <p><input type="checkbox"/> Other (explain): _____</p>                                                                                                                                                                                                                                                                                                    | <p>18. STEEPEST SLOPE GRADIENT CROSSING SITE:</p> <p><input type="checkbox"/> 0 to 2% <input checked="" type="checkbox"/> 2.1 to 8%</p> <p><input type="checkbox"/> 8.1 to 10% <input type="checkbox"/> greater than 24%</p> <p><input type="checkbox"/> 10.1 to 24%</p>                                                                                                                                                                                  |
| <p>13. TYPE OF FALL VEGETAL COVER:</p> <p><input type="checkbox"/> Little or no vegetal cover</p> <p><input checked="" type="checkbox"/> Short grasses</p> <p><input type="checkbox"/> Tall weeds or short brush (1 to 2 ft.)</p> <p><input type="checkbox"/> Brush or bushes (2 to 6 ft.)</p> <p><input type="checkbox"/> Agricultural crops</p> <p><input type="checkbox"/> Trees with sparse low brush</p> <p><input type="checkbox"/> Trees with dense low brush</p>                                                                                  | <p>19. LENGTH OF STEEPEST SLOPE CROSSING SITE:</p> <p><input type="checkbox"/> 1 to 100 ft. <input checked="" type="checkbox"/> 101 to 200 ft.</p> <p><input type="checkbox"/> 201 to 400 ft. <input type="checkbox"/> greater than 400 ft.</p>                                                                                                                                                                                                           |
| <p>14. SOIL &amp; RESOILING MATERIAL AT WELLSITE:</p> <p><input checked="" type="checkbox"/> Stockpile and protect topsoil to be used when preparing seedbed</p> <p><input type="checkbox"/> Use of soil additives (e.g., lime, fertilizer)</p> <p><input type="checkbox"/> No resoling planned</p> <p><input type="checkbox"/> Proposed alternative: _____</p>                                                                                                                                                                                           | <p>20. RESTORATION OF DRILLING PITS: **</p> <p><input type="checkbox"/> Haul drilling fluids and fill pits</p> <p><input checked="" type="checkbox"/> Use steel circulating tanks</p> <p><input type="checkbox"/> Proposed alternative: _____</p>                                                                                                                                                                                                         |
| <p>15. DISPOSAL PLAN FOR TREES AND TREE STUMPS:</p> <p><input checked="" type="checkbox"/> No trees disturbed <input type="checkbox"/> Haul to landfill</p> <p><input type="checkbox"/> Cut into firewood <input type="checkbox"/> Sell to lumber company</p> <p><input type="checkbox"/> Bury with landowner's approval</p> <p><input type="checkbox"/> Mutch small trees and branches, erosion control</p> <p><input type="checkbox"/> Use for wildlife habitat with landowner approval</p> <p><input type="checkbox"/> Proposed alternative: _____</p> | <p>21. BACKFILLING AND GRADING AT SITE:</p> <p><input type="checkbox"/> Construct diversions channeled to naturally established drainage systems</p> <p><input type="checkbox"/> Construct terraces across slopes</p> <p><input checked="" type="checkbox"/> Grade to approximate original contour</p> <p><input type="checkbox"/> Grade to minimize erosion &amp; control offsite runoff</p> <p><input type="checkbox"/> Proposed alternative: _____</p> |
| <p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:</p> <p><input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water</p> <p><input type="checkbox"/> Tile drainage system underlying land to be disturbed</p> <p><input type="checkbox"/> Drain pipe(s) underlying land to be disturbed</p> <p><input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>                                                                                                                   | <p>22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE:</p> <p><input checked="" type="checkbox"/> Seeding plan <input type="checkbox"/> Sod</p> <p><input type="checkbox"/> Agricultural crops <input type="checkbox"/> Trees and/or Bushes</p> <p><input type="checkbox"/> Proposed alternative: _____</p>                                                                                                                                                   |
| <p>23. ADDITIONAL HOLES:</p> <p><input checked="" type="checkbox"/> Rat/Mouse, if used, will be plugged</p>                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>24. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD:</p> <p><input type="checkbox"/> 100 ft. or less <input type="checkbox"/> 101 to 500 ft.</p> <p><input type="checkbox"/> 501 to 1500 ft. <input checked="" type="checkbox"/> greater than 1500 ft.</p>                                                                                                                                                                                                   |
| <p>25. CURRENT LAND USE OF PATH OF ACCESS ROAD:</p> <p><input type="checkbox"/> Cropland <input type="checkbox"/> Pasture <input type="checkbox"/> Commercial</p> <p><input checked="" type="checkbox"/> Idle land <input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Residential</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input type="checkbox"/> Woodland <input type="checkbox"/> Broadleaf <input type="checkbox"/> Needlelike</p>     | <p>26. RESTORATION OF DRILLING PITS: **</p>                                                                                                                                                                                                                                                                                                                                                                                                               |

\*\*PITS MUST BE FILLED WITHIN THIRTY MONTHS AFTER COMMENCEMENT OF THE WELL AND WITHIN FOURTEEN DAYS AFTER COMMENCEMENT OF THE WELL IN AN UNBANKED AREA.

REQUIRED BY SECTION 1509.06 (A)(1)(II), OHIO REVISED CODE - FAILURE TO SUBMIT MAY RESULT IN AN ASSESSMENT OF PENALTIES NOT LESS THAN \$100.00 NOR MORE THAN \$2,000.00 OR CIVIL PENALTIES NOT LESS THAN \$4,000.00.

DNR-744-7002 (Revised 04/2012)

Page 1 of 2



|                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>26. SURFACING MATERIAL FOR ACCESS ROAD:</b><br><input checked="" type="checkbox"/> Gravel<br><input type="checkbox"/> Brick and/or fire waste<br><input type="checkbox"/> Slag<br><input type="checkbox"/> Crushed stone<br><input type="checkbox"/> No surfacing material to be used<br><input type="checkbox"/> Proposed alternative                                                                                                                    | <b>29. STEEPEST SLOPE GRADIENT ON ACCESS ROAD:</b><br><input checked="" type="checkbox"/> 0 to 5%<br><input type="checkbox"/> 6 to 10%<br><input type="checkbox"/> greater than 10%                                                           |
| <b>27. PATH OF ACCESS ROAD TO BE DETERMINED BY:</b><br><input checked="" type="checkbox"/> Landowner<br><input type="checkbox"/> Contractor<br><input type="checkbox"/> Existing access road<br><input checked="" type="checkbox"/> Operator                                                                                                                                                                                                                 | <b>30. APPROXIMATE LENGTH OF STEEPEST SLOPE ON ROAD:</b><br><input checked="" type="checkbox"/> 0 to 100 ft. <input type="checkbox"/> 101 to 200 ft.<br><input type="checkbox"/> 201 to 400 ft. <input type="checkbox"/> greater than 400 ft. |
| <b>28. GRADING AND EROSION CONTROL PRACTICE ON ROAD:</b><br><input type="checkbox"/> Diversions<br><input type="checkbox"/> Drains<br><input checked="" type="checkbox"/> Open top culverts<br><input type="checkbox"/> Outskipping of road<br><input type="checkbox"/> Pipe culverts<br><input type="checkbox"/> Proposed alternative<br><input type="checkbox"/> Filler strips<br><input type="checkbox"/> Riprap<br><input type="checkbox"/> Water breaks | <b>31. HAS LANDOWNER RECEIVED A COPY OF THIS RESTORATION PLAN?</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                     |

The undersigned hereby agrees to implement all restoration operations identified on this form, and conform to all provisions of Section 1509.072 of the Ohio Revised Code, and to all Orders and rules issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Owner/Authorized Agent: Steve Mobley      Date: 30-May-14

Name (Typed or Printed): Steven M. Mobley

RESTORATION PLAN MUST BE SUBMITTED TO THE DIVISION IN DUPLICATE.

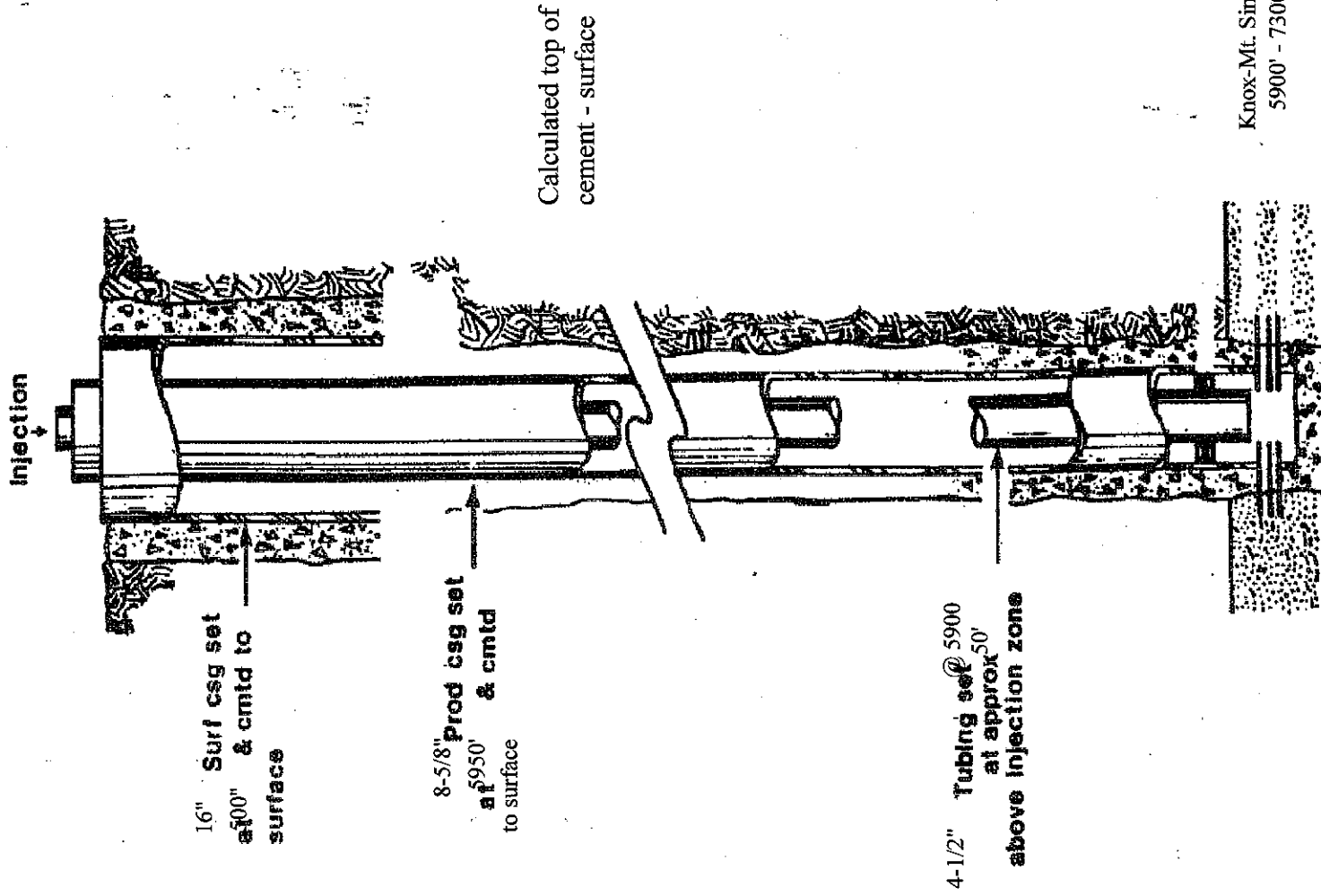
**RECEIVED**  
 JUN 4 2014  
 Division of Oil and Gas  
 Resources Management



Coshocton County, Keene Twp.,  
SWIW # 13 Adams #3  
New well

**Subsurface Construction  
For Injection Well**

Maximum Injection Pressure: 1370 psi



Total Depth: 7400 feet