



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Received electronically on 04/28/2026  
Site 114890 Client 51461 OGO-38346  
eFacts: Rosebud Mining Co  
bgr 04/29/2026

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY

Application Tracking #

1567653

**Proposed Alternate Method or Material for  
Casing, Plugging, Venting or Equipping a Well**

|                                                |                            |                          |                      |                                                           |  |
|------------------------------------------------|----------------------------|--------------------------|----------------------|-----------------------------------------------------------|--|
| Well Operator<br><b>Rosebud Mining Company</b> |                            | DEP ID#<br><b>38346</b>  |                      | Well Permit or Registration Number<br><b>37-063-20965</b> |  |
| Address<br><b>301 Market Street</b>            |                            |                          |                      | Well Farm Name<br><b>Wm C Guthrie Tract</b>               |  |
| City<br><b>Kittanning</b>                      | State<br><b>PA</b>         | Zip Code<br><b>16201</b> | Well #<br><b>IM2</b> | Serial #<br><b>37-063-20965</b>                           |  |
| Phone<br><b>724-545-6222</b>                   | Fax<br><b>724-543-6375</b> | County<br><b>Indiana</b> |                      | Municipality<br><b>Washington Twp.</b>                    |  |

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) **Attach proof of notification of coal operator(s).**

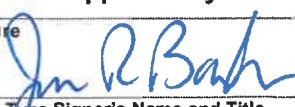
Describe in reasonable detail using a written description and / or diagram:

1. the proposed alternate method or materials, and
2. the manner in which the alternative will satisfy the goals of the laws and regulations.

This well will be plugged in compliance with Act 223, and 25 PA Code 78.91 (h)

The following exception will be employed:

This well will be plugged from either Total Depth or Attainable Bottom with a solid cement plug to the surface.

|                                                                                                  |                        |                                                                                                   |                        |
|--------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------|------------------------|
| <b>Optional: Approval by Coal Owner or Operator</b>                                              |                        | <b>Signature of Applicant / Well Operator</b>                                                     |                        |
| Signature<br> | Date<br><b>4/22/26</b> | Signature<br> | Date<br><b>4/22/26</b> |
| Print or Type Signer's Name and Title<br><b>James R. Barker - President</b>                      |                        | Print or Type Signer's Name and Title<br><b>James R. Barker - President</b>                       |                        |

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

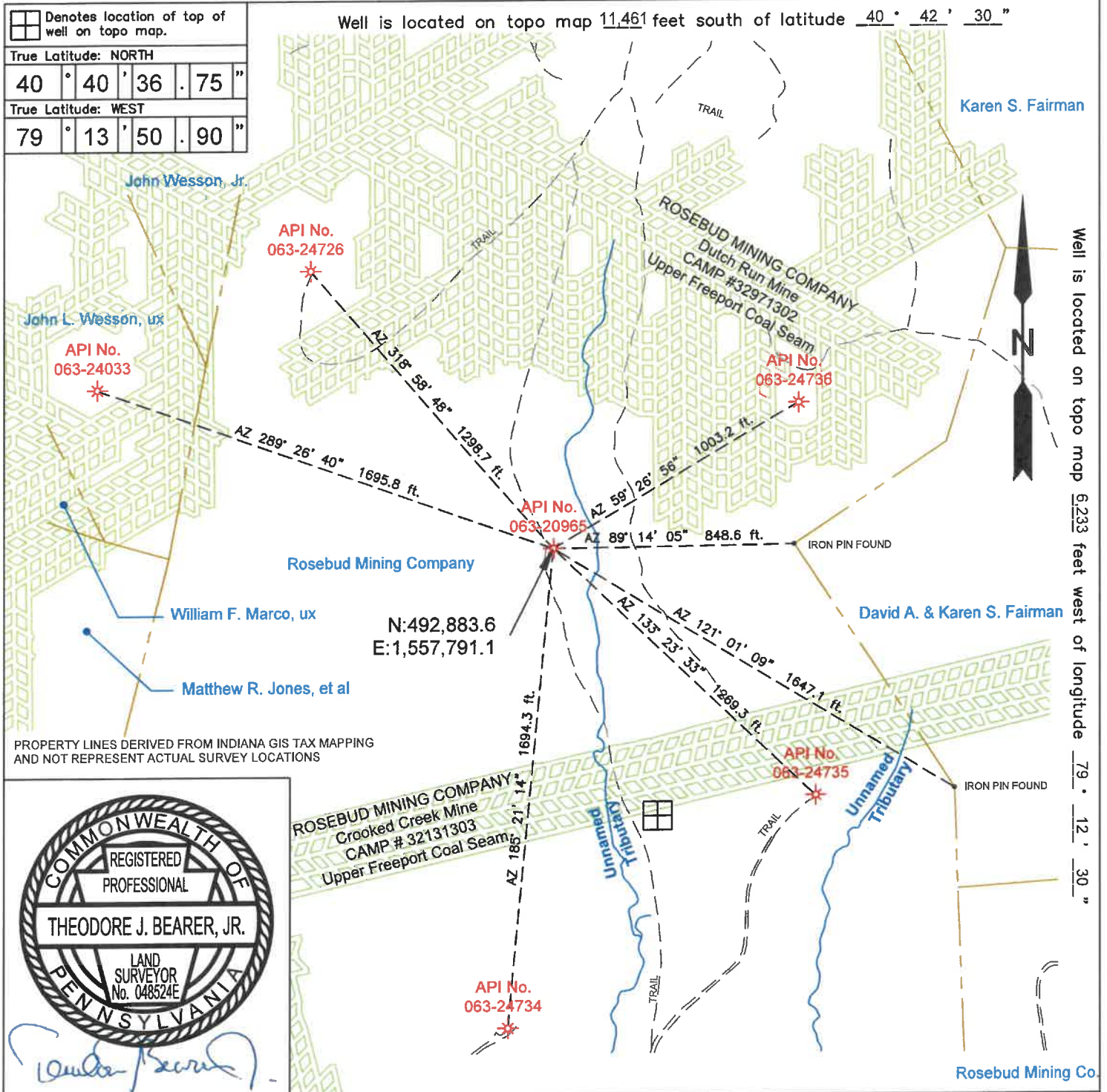
## DEP USE ONLY

|                                                                                                                  |                                                                                                    |                        |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------|
| Approved by (DEP Manager)<br> | Conditions<br><input type="checkbox"/> YES, See Attached<br><input checked="" type="checkbox"/> NO | Date<br><b>7/13/26</b> |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------|

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

|      |            |    |
|------|------------|----|
| DEP  | Auth ID #: | G: |
| USE  | Permit #:  | C: |
| ONLY | Project #: |    |

## PAGE 1 Surface Location



|                                                         |                          |                   |                                             |                                  |                                |                         |
|---------------------------------------------------------|--------------------------|-------------------|---------------------------------------------|----------------------------------|--------------------------------|-------------------------|
| Applicant/Well Operator Name:<br>Rosebud Mining Company |                          | DEP ID #<br>38346 | Well (Form) Name:<br>WM C Guthrie Tract IM2 |                                  | Well #:                        | Serial #:               |
| Address:<br>301 Market St., Kittanning PA 16201         |                          |                   | County:<br>Indiana                          | Municipality:<br>Washington Twp. | Well Type:<br>Gas              |                         |
| 911 address of well site:                               |                          |                   | USGS 7½ Quadrangle Map Name:<br>Ernest      | Map Section:<br>4                | Surface Elevation:<br>1172 ft. |                         |
| Surveyor or Engineer:<br>Theodore J Bearer Jr           | Phone #:<br>724-545-6222 | Dwg #:            | Date:<br>2/23/26                            | Scale:<br>1 in. = 500 ft.        | Tract Acreage:                 |                         |
| Lat. & Long Metadata Method:<br>GPSKN                   | Accuracy:<br>< 1 ft.     | Datum:<br>NAD83   | Elevation Metadata Method:<br>GPSKN         | Accuracy:<br>< 1 ft.             | Datum:<br>NAVD88               | Survey Date:<br>3/30/10 |

QUADRANGLE: REPORT 7 1/2" 15'PERMIT NO. 663-20965

MAP REFERENCE:

KIND OF WELL: Gas  
(Oil, Gas, Other)

## WELL RECORD

COMPANY: Reitz Oil, Inc.

ADDRESS: 307 Fourth Ave. - Pittsburgh 15222

ARM Wm. C. Cathers Tract ACRES 551 A.

ELL (FARM) NO. 2 CO. SERIAL NO. IM-2

ELEVATION: 1163' BM LEASE: 26279

TOWNSHIP: Washington COUNTY: Indiana

DRILLING COMMENCED: 10-11-67 COMPLETED: 10-12-67

PRODUCTION: Shut off Gas - Not Cased

WELL PRESSURE: Not Mech. prod. originally

WELL TREATMENT: (Shooting, Acidizing, Fracturing Etc.)

PACKERS: Type, Size and Depth

Size of Casing and Tubing

Used in Drilling

Left in Well

PERFORATIONS AT:

2864'-2874'

2756'-2812'

2592'-2622'

First Stage: Frac w/ 390 Perrels

Water & 18,200# sd. BDP 3000#

TP 3640# AIR 35.1 EPM

CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)

Cemented 8 5/8" Cas at 954' w/225 sz

on 10-7-67

Cemented 4 1/2" Cas at 2992' w/260 sz

on 10-13-67

RESULTS AFTER TREATMENT: 675 PCPD

WELL PRESSURE AFTER TREATMENT: 1120# / 72 hrs

REMARKS: Second Stage: Frac w/ 448 BW & 22,000# sd BDP 4400# TP 3518# AIR 37.5 EPM

Third Stage: Frac w/ 806 BW & 45,200# sd BDP 4100# TP 3390# AIR 43.1 EPM

Note: 1) Total Depth 3547'. Plugged back to 2492' w/ gel.

2) Open Flow & Rock Pressure are from all zones combined. Mechanically impossible to separate results or zones.

| FORMATION    | TOP  | BOTTOM | GAS AT | OIL AT | WATER AT<br>(Fresh of<br>Salt Water) | REMARKS |
|--------------|------|--------|--------|--------|--------------------------------------|---------|
| Mud & Gravel | 0-   | 15'    |        |        |                                      |         |
| Gray Shale   | 15'  | 195'   |        |        |                                      |         |
| Coal         | 195' | 204'   |        |        |                                      |         |
| Sand         | 204' | 266'   |        |        |                                      |         |
| Coal         | 266' | 269'   |        |        |                                      |         |
| Sand         | 269' | 280'   |        |        |                                      |         |
| Gray Shale   | 280' | 342'   |        |        |                                      |         |
| Sand         | 342' | 364'   |        |        |                                      |         |
| Shale        | 364' | 382'   |        |        |                                      |         |
| Sand         | 382' | 450'   |        |        |                                      |         |
| Shale        | 450' | 464'   |        |        |                                      |         |
| Coal         | 464' | 468'   |        |        |                                      |         |
| Brown Shale  | 468' | 490'   |        |        |                                      |         |
| Sand         | 490' | 513'   |        |        |                                      |         |
| Shale        | 513' | 527'   |        |        |                                      |         |

ZONE

B PROD.

|                       |       |       |                |  |                               |
|-----------------------|-------|-------|----------------|--|-------------------------------|
| Shale                 | 808'  | 828'  |                |  |                               |
| Broken Sand           | 808'  | 1004' |                |  |                               |
| Broken Shale          | 1004' | 1250' |                |  |                               |
| Sand                  | 1250' | 1270' |                |  |                               |
| Shale                 | 1270' | 1358' |                |  |                               |
| Sand                  | 1358' | 1368' |                |  | Murrysville                   |
| Broken Shale          | 1368' | 1443' |                |  |                               |
| Sand                  | 1443' | 1488' |                |  |                               |
| Broken Shale          | 1488' | 2076' |                |  |                               |
| Sand                  | 2076' | 2084' |                |  |                               |
| Shale                 | 2084' | 2102' |                |  |                               |
| <del>Shale</del> Sand | 2102' | 2114' |                |  |                               |
| Shale                 | 2114' | 2590' |                |  |                               |
| Sand                  | 2590' | 2627' | SSG throughout |  | Warren (Third Stage)          |
| Shale                 | 2627' | 2791' |                |  | Upper Speechly (Second Stage) |
| Sand                  | 2791' | 2819' | SSG 2876'      |  |                               |
| Shale                 | 2819' | 2844' |                |  |                               |
| Sand                  | 2844' | 2852' |                |  |                               |
| Shale                 | 2852' | 2862' |                |  |                               |
| Sand                  | 2862' | 2897' | SSG 2806'      |  | Lower Speechly (Third Stage)  |
| Broken Shale          | 2897' | 3116' |                |  |                               |
| Sand                  | 3116' | 3138' |                |  | Shaly                         |
| Shale                 | 3138' | 3190' |                |  |                               |
| Broken Sand           | 3190' | 3230' |                |  | Fadly Broken                  |
| Shale                 | 3230' | 3332' |                |  |                               |
| Broken Sand           | 3332' | 3432' |                |  | Fadly Broken                  |
| Shale                 | 3432' | 3476' |                |  |                               |
| Sand                  | 3476' | 3482' | SS 3480'       |  | Third Bradford                |
| Broken sd & Shale     | 3482' | 3520' |                |  |                               |
| Shale                 | 3520' | 3547' | (TD)           |  |                               |

SPENCER, W. H. & SONS  
Geological Engineers  
P. O. Box 100  
Cincinnati, Ohio

Date December 27, 1967, 19\_\_

APPROVED Betsy A. L. L. Own

By John P. Linneman - Consultant  
(Title)



## NOTICE OF INTENTION BY WELL OPERATOR TO PLUG A WELL

|                                                                                                                                      |             |                                      |                                                 |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------|-------------------------------------------------|------------------------------------|
| <input checked="" type="checkbox"/> Well Operator <input checked="" type="checkbox"/> Coal Operator                                  |             | OGO No.<br>38346                     | U.S. Well No. (Permit / Reg)<br>37-063-20965    | Date Drilled (If known)<br>10/4/67 |
| Name<br>Rosebud Mining Company                                                                                                       |             | Well Farm Name<br>Wm C Guthrie Tract |                                                 |                                    |
| Address<br>301 Market Street                                                                                                         |             | Telephone No.<br>724-545-6222        | Well No.<br>IM2                                 | Well Serial No.                    |
| City<br>Kittanning                                                                                                                   | State<br>PA | Zip Code<br>16201                    | County<br>Indiana                               |                                    |
| <input checked="" type="checkbox"/> Agent (contractor) acting on behalf of the operator named above.<br>L & J Oilfield Services, LLC |             | Municipality<br>Washington           |                                                 |                                    |
| Address<br>150 North Avenue PO Box 235                                                                                               |             | Telephone No.<br>814-421-6303        | Latitude (DD)<br>40.403675                      | Longitude (DD)<br>- 79.135090      |
| City<br>Yatesboro                                                                                                                    | State<br>PA | Zip Code<br>16283                    | Attach well record if not previously submitted. |                                    |

**Complete this section if applicable.** Prior to abandoning any well in an area underlain by a workable coal seam, the well operator or owner shall notify the coal operator, lessee, or owner of the intention to plug and abandon the well, and shall submit a plat showing the location and affix the date and time at which the work of plugging will commence.

|                                                                                                                                                                       |                                                                                  |                                                                                                                                                                       |                                                                       |                                                                                                                                                                       |                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Coal: <input checked="" type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee                                          |                                                                                  | Coal: <input type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Lessee                                                                |                                                                       | Coal: <input type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Lessee                                                                |                                                                       |
| Name<br>Rosebud Mining Company                                                                                                                                        |                                                                                  | Name                                                                                                                                                                  |                                                                       | Name                                                                                                                                                                  |                                                                       |
| Address<br>301 Market Street                                                                                                                                          |                                                                                  | Address                                                                                                                                                               |                                                                       | Address                                                                                                                                                               |                                                                       |
| City, State, Zip Code<br>Kittanning, PA 16201                                                                                                                         |                                                                                  | City, State, Zip Code                                                                                                                                                 |                                                                       | City, State, Zip Code                                                                                                                                                 |                                                                       |
| Telephone No.<br>724-545-6222                                                                                                                                         | Notified?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Telephone No.                                                                                                                                                         | Notified?<br><input type="checkbox"/> Yes <input type="checkbox"/> No | Telephone No.                                                                                                                                                         | Notified?<br><input type="checkbox"/> Yes <input type="checkbox"/> No |
| This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well.<br>Signature: |                                                                                  | This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well.<br>Signature: |                                                                       | This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well.<br>Signature: |                                                                       |

**Scheduled Date and Time of Plugging**

Plugging is scheduled to begin on (date) 4/24/2026 at (time) 6:00 AM

☒ **CHECK BLOCK IF THIS WELL IS BEING PLUGGED PURSUANT TO MINE THROUGH STANDARDS OF ACT 214 of 1984 (REVISED 2011) AND the 2012 Oil & Gas Act.**
**Checklist and Additional Attached Information**

- ☒ Location Plat
- ☐ Current Well Record
- ☒ Available Well Record
- ☒ Application for Approval of Alternate Method of Plugging
- ☐ Mine - Through
- ☐ Other, describe:

**Signature of Applicant (Operator or Agent)**

|                                                                                             |                 |
|---------------------------------------------------------------------------------------------|-----------------|
| Signature                                                                                   | Date<br>4/22/26 |
| Print or Type Signer's Name and Title<br>James R. Barker - President Rosebud Mining Company |                 |

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| ONLY | Project #: |    |

## PAGE 1 Surface Location

|                                                                                                                                                          |  |                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|--|
| <input type="checkbox"/> Denotes location of top of well on topo map.<br>True Latitude: NORTH<br>40° 40' 36.75"<br>True Latitude: WEST<br>79° 13' 50.90" |  | Well is located on topo map 11,461 feet south of latitude 40° 42' 30" |  |
|                                                                                                                                                          |  |                                                                       |  |
| Applicant/Well Operator Name:<br>Rosebud Mining Company                                                                                                  |  | DEP ID #<br>38346                                                     |  |
| Address:<br>301 Market St., Kittanning PA 16201                                                                                                          |  | Well (Farm) Name:<br>WM C Guthrie Tract IM2                           |  |
| 911 address of well site:                                                                                                                                |  | Well #:<br>Serial #:                                                  |  |
| County:<br>Indiana                                                                                                                                       |  | Municipality:<br>Washington Twp.                                      |  |
| USGS 7½" Quadrangle Map Name:<br>Ernest                                                                                                                  |  | Map Section:<br>4                                                     |  |
| Well Type:<br>Gas                                                                                                                                        |  | Surface Elevation:<br>1172 ft.                                        |  |
| Surveyor or Engineer:<br>Theodore J Bearer Jr                                                                                                            |  | Date:<br>2/23/26                                                      |  |
| Phone #:<br>724-545-6222                                                                                                                                 |  | Scale:<br>1 in. = 500 ft.                                             |  |
| Dwg #:<br>Tract Acreage:                                                                                                                                 |  | Elevation Metadata Method:<br>GPSKN                                   |  |
| Lat. & Long Metadata Method:<br>GPSKN                                                                                                                    |  | Accuracy:<br>< 1 ft.                                                  |  |
| Datum:<br>NAD83                                                                                                                                          |  | Datum:<br>NAVD88                                                      |  |
| Survey Date:<br>3/30/10                                                                                                                                  |  |                                                                       |  |