

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 6/19/18
Well information:

BP AMERICA PRODUCTION COMPANY
30-045-34319 NORTHEAST BLANCO UNIT #247

Application Type:

- ☒ **P&A** ☐ **Drilling/Casing Change** ☐ **Location Change**
☐ **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)
☐ **Other:**

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.
- Retain proposed plug#1 as perforation plug.

NMOCD Approved by Signature

1/2/19
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMSF078988

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
NEBU 2479. API Well No.
30-045-34319-01-S110. Field and Pool or Exploratory Area
BLANCO PICTURED CLIFFS11. County or Parish, State
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

Contact: TOYA COLVIN

Email: Toya.Colvin@bp.com

3a. Address

1199 MAIN AVE. SUITE 101
DURANGO, CO 81301

3b. Phone No. (include area code)

Ph: 281.892.5369

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T31N R6W NWNW 1040FNL 30FWL
36.889390 N Lat, 107.495160 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

BP requests to P&A the subject well. Please see the attached P&A procedure, wellbore diagram, and BLM required reclamation plan documents.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

NMOCD

DEC 12 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #424561 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 12/04/2018 (19JWS0048SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/19/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 12/04/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****NMOCD MIC
AN

PLUG AND ABANDONMENT PROCEDURE

May 23, 2018

NEBU 247 DIRECTIONAL WELL

Rosa Pictured Cliffs
1040' FNL and 30' FWL, Section 20, T31N, R6W
San Juan County, New Mexico / API 30-045-34319

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

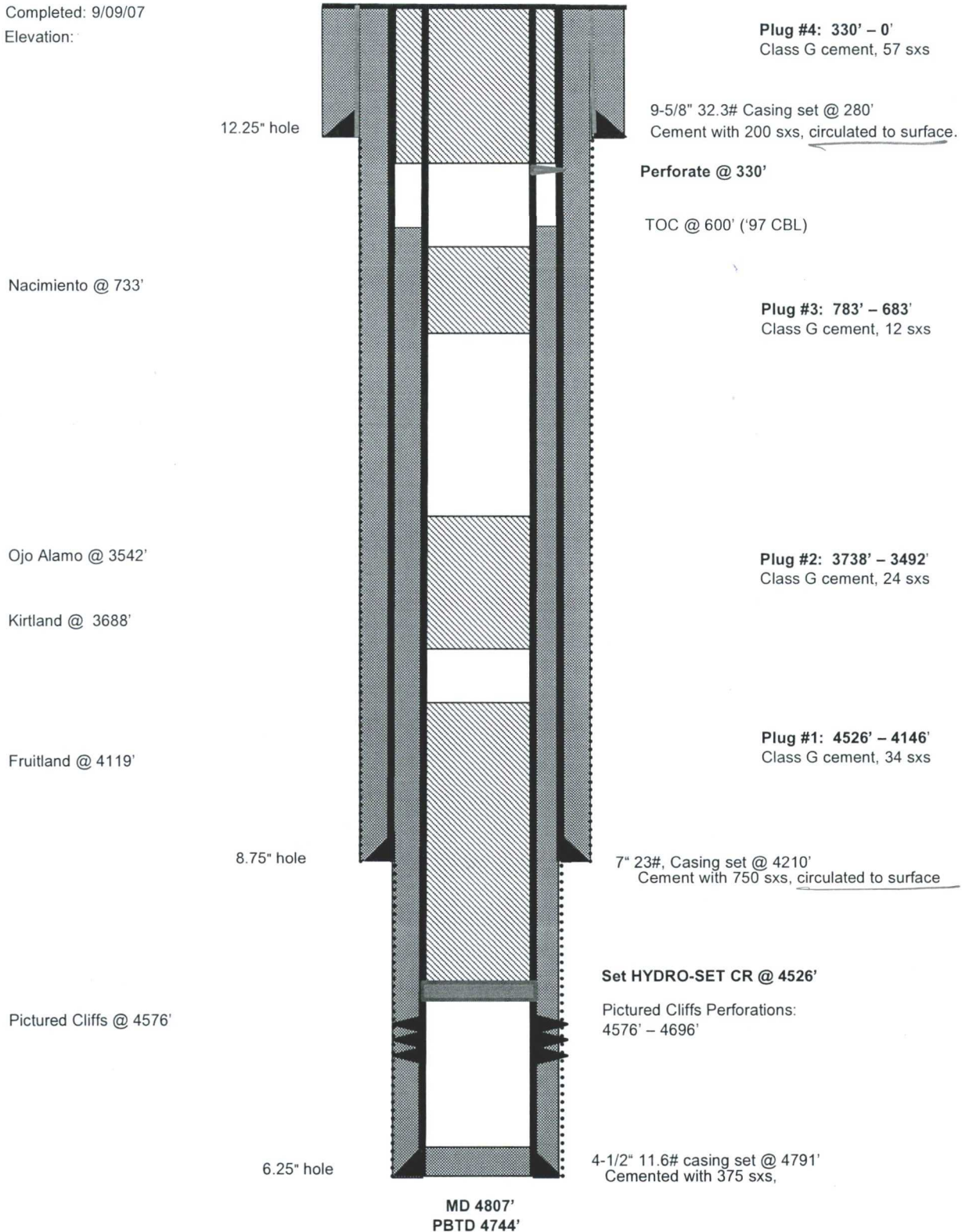
1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes____, No X, Unknown____.
Tubing: Yes X, No____, Unknown____, Size 2-3/8", Length 4692'
Packer: Yes____, No X, Unknown____, Type____.
3. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or a CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
4. **Plug #1 (Pictured Cliffs and Fruitland intervals, 7" casing shoe, 4526' – 4146'):** Round trip 4.5" mill to 4526' or deep as possible. RIH and set 4.5" **HYDRO-SET CR** at 4526'. Pressure test tubing to 1000#. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 34 sxs Class G cement spot above CR to isolate through the Fruitland top. PUH.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 3738' – 3492'):** Mix 24 sxs Class G cement inside casing to cover the Kirtland and Ojo Alamo tops. PUH.
6. **Plug #3 (Nacimiento top, 783' – 683'):** Mix 12 sxs Class G cement inside casing to cover the Nacimiento top. PUH.
7. **Plug #4 (9-5/8" casing shoe, and surface, 330' – 0'):** Perforate 4 squeeze holes at 330'. Establish circulation out 4.5 x 7" annulus with water and circulate clean. Note if cement circulates our 7" x 9-5/8" annulus adjust cement volume as appropriate. Mix approximately 57 sxs Class G cement and pump down the 4.5" casing to circulate good cement out 4.5" x 7" casing valve. Shut in well and WOC.
8. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report.

Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations.

NEBU 247
DIRECTIONAL
Proposed P&A
Rosa Pictured Cliffs

1040' FNL, 30' FWL, Section 20, T-31-N, R-7-W
San Juan County, NM, API #30-045-34319

Today's Date: 5/23/18
Spud: 8/20/07
Completed: 9/09/07
Elevation:



P&A Field Inspection Sheet

Date: 5/1/2018		Specialist Sabre Beebe, BP: Randy McKee, BLM	
Operator: BP America		Well Name & Number: Northeast Blanco Unit 247	
API Number: 30-045-34319		Section: 20	Township: 31N Range: 6W
Lease Number: SF-078988		Footage: 1040 FNL 30 FWL	
		County: San Juan	State: NM
Surface:	State	Twinned:	Yes NEBU 248 API 30-045-34148

Well Pad

Topography: Sloping	Stockpile Topsoil	No
Soil Type: Sandy Loam		
Vegetation Community: Pinyon-Juniper		
1	Rabbit Brush	
2	Four Wing	
3	Sand Dropseed	
4	Sage Brush	
5	Indian Rice grass	
6		
7		
8		
9		

Vegetation Cages: No

Facilities on Location:

0 Tanks

2 Meter Runs #52903775 Size 3 inch

1 Separators

0 Compressor with wind walls

0 Day Tanks

1 Pipeline riser belonging to:

1 RTU# No number found

1 Solar Panel

2 Batteries

Other Equipment on location at time of inspection:

Gravel Present: Yes Bury No Place Gravel on Main Road: Yes

Steel Pits: Below Grade: Where on Location: North Center of the 248 portion of pad Serial# Not found Size (bbl): 95

Cathodic Ground bed on location: No

In Service: N/A

Abandoned: N/A

Plugged: N/A

Remove Wire N/A

Remove Rectifier N/A

Trash on location: No

Power Poles: No

Remove Power Poles: N/A

Construction Diversion Ditch: N/A

Side draining	Contaminated Soil: No
Side draining	Remove: <input type="checkbox"/> Yes, where on location:

Construction Silt Trap(s): Yes, see diagram for placement

Re-Contour Disturbed Areas to Near Natural Terrain: Yes

Special Features: Large cut and fill to re-contour back to near natural.

Location & Access Barricade: Yes / How: Using Rocks from surrounding area

Construction Comments / Concern: Enterprise lines and risers on and near location that Enterprise will need to address as BP cannot address other Operator's equipment. BLM is requiring

Access Road

Access Length: 0.10 mile Remediation Methods: ☒Rip ☒Disk ☒Water Bars ☒Re-establish Drainages

Other: _

Access Condition: At Grade

Culverts: No

Cattle Guard: No

Reconstruct Fence: No

Surface Material: No

What to do with Material	Remove all material / gravel from location
Road Comments/Concerns	

Noxious weeds identified at time of on site? No , if yes list noxious weeds found

Well name and no: NEBU 247
API No. 30-045-34319

Plugging & Abandonment Surface Reclamation Plan

Operator:	BP America	Location:	Sec.20, Twn: 31N, Range 6W
Well name & No:	NEBU 247	County, State:	San Juan County, NM
API No:	30-045-34319	Revision:	0
Surface:	BLM		
Date:	5/1/18		

This document outlines the final reclamation plan for the NEBU 247 well site, API 30-045-34319, based on the BLM/BP on-site inspection conducted on 5/1/2018 and in accordance with Onshore Order No. 1 and the FFO Bare Soil Reclamation Procedures C (dated 2/2013).

PROPOSED VEGETATION RECLAMATION PLAN

General Notes:

- BP will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- BP will notify the BLM forty-eight (48) hours prior to commencing earthwork.
- BP will notify the Authorized Officer forty-eight (48) hours prior to commencing with seed application.
- All underground production piping on the well site belonging to BP, associated with the NEBU 247 well, will be removed or abandoned-in-place if at depths greater than 36 inches.
- BP power poles, rectifier and/or radio equipment will be removed from the site. No power poles on the NEBU 247 identified during site visit.
- All rig anchors found on location belonging to the NEBU 247 will be removed.
- Disturbance will be limited to the well site and edge of well pad and access road boundaries. Disturbance will be limited to disturbance required to remove equipment and piping related to the NEBU 247 well.
- All surface equipment associated with the NEBU 247 identified and belonging to BP on location at time of P&A will be removed from location.
- BP will inform Enterprise of BLM/BIA equipment removal requests and when the NEBU 247 P&A marker is set.
- All trash, if any, will be removed from location.
- The P&A marker will be permanent and comply with all NMOCD regulations.

Well Site Reclamation:

(Note: some steps may occur in a different sequence than listed below)

For future reference, pre-construction conditions are documented in the attached Inspection Form and shown in the attached photos.

- Temporary and / or permanent storm water and erosion control BMP's will be employed at appropriate locations around the pad as dictated by local drainage patterns and

Well name and no: NEBU 247
API No. 30-045-34319

expected areas of disturbance, slopes and across the access road. BMP's selection will be determined by local factors and will be a combination of sediment and erosion controls that are deemed effective and low maintenance. Straw wattles, diversion ditches, mulch, soil blankets, and/or other suitable BMP's may be used in various combinations, as appropriate, during and after construction activities. Any temporary means to control storm water will be removed before final reclamation is achieved.

- Vegetation and approximately 6 inches of soil will be stripped and stockpiled to use after grading operations to facilitate re-vegetation.
- Gravel on the well site surface will be removed.
- BGT on location will be properly closed per NMOCD Rules and the area will be reclaimed along-side the entire well pad.
- Fill material on the location will be used to reclaim the site to near original and natural topography as is practical. The pad will be ripped and will just be disc 4-6 inches to break any clods and prepare the location for seeding. This locations reclamation will include the road leading to the well site.
- Mature, healthy vegetation on the site perimeter will be left intact to the extent possible to achieve contour.
- Natural drainage patterns will be established when possible and practical. Additional means for ensuring proper drainage, such as water bars or diversion ditches, may be employed. The natural drainage patterns already in existence will be maintained and enhanced with the fill material on site.
- Disturbed areas will be prepared for seeding.
- A seed drill will be utilized to create a firm bed.
- After the site has been prepared, the location will be seeded using appropriate equipment.
- All disturbed areas will be seeded in accordance with the FFO Bare Soil Reclamation Procedure C.

Access Road Reclamation:

The road into this location will be reclaimed in the same manner as the well pad

Re-vegetation:

The planned, initial seed mixture and application rates for the Pinyon / Juniper Community identified during the site visit will be as follows. The seed application rates may be adjusted according the based upon method of application.

Species of seed	Pound/Acre (PLS)
Rubber rabbitbrush (<i>Ericameria nauseosa</i>)	2.0
Wyoming sagebrush (<i>Artemisia tridentate</i> ssp. <i>Wyomingensis</i>)	3.0
Four-wing saltbush (<i>Atriplex canescens</i>)	4.0
Bottlebrush squirreltail (<i>Elymus elymoides</i>)	4.0

Well name and no: NEBU 247

API No. 30-045-34319

Indian ricegrass (<i>Achnatherum hymenoides</i>)	3.5
Sand dropseed (<i>Sporobolus cryptandrus</i>)	0.5
Needle and thread (<i>Hesperostipa comata</i>)	2.5
Scarlet globemallow (<i>Sphaeralcea coccinea</i>)	0.25
Prairie aster (<i>Machaeranthera tanacetifolia</i>)	0.25
Blanket flower (<i>Gaillardia pulchella</i> or <i>G. aristata</i>)	0.25
Galleta (<i>Pleuraphis jamesii</i>)	3.0
Antelope Bitterbrush	3.0

Seed mixtures will be certified weed-free and the seeding records (bag labels) or other official documentation will be available to the Authorized Officer prior to seeding upon request.

Seeding will occur as soon as reasonably possible following completion of earthwork activities and timed for successful germination.

To prepare the site for seeding, only the seed drill will be necessary to create a firm bed. The seed mix is designed to be applied at 60 Total PLS per square foot which will ensure adequate stand density and diversity. Seeding will be completed using a no-till drill or Brillion drill seeder, this method allows for the handling of a wide variety of seed types and sizes in addition to establishing good seed to soil contact without undo disruption of the soil surface. Using a no till or Brillion drill also provides proper seed planting depth which will be approximately 1/8 inch.

Weed Management:

BP's objective is to implement an integrated weed management program to control weed populations and establish desirable vegetation. No noxious weeds were noted during the onsite visit.

Weed management and control will be performed by a properly licensed contractor and within full compliance of all federal and state laws and regulations.

Weed management and control will be performed in an environmental conscious manner using BMP's.

Monitoring:

BP will submit a Sundry Notice informing the BLM the earthwork and seeding is completed and requesting a joint inspection to examine the site.

Any fencing installed to assist with re-vegetation will be removed once there is agreement from the BLM that the vegetation percent cover standard has been attained.

Well name and no: NEBU 247

API No. 30-045-34319

Attachments:

- Reference photos of location taken on 4/30/2018.
- P&A Field Inspection Sheet performed on 4/30/2018.
- Aerial of location with short description of reclamation plan.



This document is c

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: NEBU 247

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Add a cement plug (3342 – 2790) ft. to cover the Pictured Cliffs and Fruitland tops. BLM picks top of Pictured Cliffs at 3292 ft. BLM picks top of Fruitland at 2840 ft.
 - b) Set Plug #2 (2405 – 2181) ft. to cover the Kirtland and Ojo Alamo tops. BLM pickstop of Kirtland at 2355 ft. BLM picks top of Ojo Alamo at 2231 ft.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.