

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMSF078904

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

7. If Unit or CA/Agreement, Name and/or No.
892000844E

8. Well Name and No.
GALLEGOS CANYON UNIT 343

9. API Well No.
30-045-26105-00-S1

10. Field and Pool or Exploratory Area
UNKNOWN

11. County or Parish, State
SAN JUAN COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
BP AMERICA PRODUCTION CO

Contact: TOYA COLVIN
E-Mail: Toya.Colvin@bp.com

3a. Address
200 ENERGY COURT
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 281.366.7148

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

Sec 26 T28N R12W NENE 0930FNL 1050FEL
36.637850 N Lat, 108.075120 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 recompleat 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 recompleat 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 would like to P&A the subject well. Please see the attached procedure and wellbore diagram.

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

Eastern Navajo
892000844E

OIL CONS. DIV DIST. 3

FEB 24 2017

**Notify NMOCD 24 hrs
prior to beginning
operations**

**BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Electronic Submission #364202 verified by the BLM Well Information System

For BP AMERICA PRODUCTION CO, sent to the Farmington

Committed to AFMSS for processing by ABDELGADIR ELMADANI on 02/21/2017 (17AE0031SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/19/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ABDELGADIR ELMADANI

Title PETROLEUM ENGINEER

Date 02/21/2017

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

PLUG AND ABANDONMENT PROCEDURE

January 4, 2017

Gallegos Canyon Unit #343

W. Kutz Pictured Cliffs

930' FNL and 1050' FEL, Section 26, T28N, R12W

San Juan County, New Mexico / API 30-045-26105

Lat: N _____ / Lat: W _____

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 B, mixed at 15.6 ppg with a 1.18 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 X, No _____, Unknown_____.
Tubing: Yes X, No _____, Unknown_____, Size 2.375", Length 1650'.
Packer: Yes _____, No X, Unknown_____, Type _____.

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. Round trip 4.5" mill to 1617'.

3. **Plug #1 (Pictured Cliffs interval and Fruitland tops, 1617' – 1199')**: RIH and set 4.5" CR at 1617'. Circulate well clean. Pressure test tubing to 1000#. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 36 sxs Class B cement inside casing from 1617' to cover the PC interval and Fruitland, Kirtland tops. PUH.
4. **Plug #2 (Kirtland and Ojo Alamo tops and 8-5/8" casing shoe, 558' – 0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 45 sxs cement and spot a balanced plug from 558' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and annulus from the squeeze holes to surface. Shut in well and WOC.
5. 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

Gallegos Canyon Unit #343

Proposed P&A

W. Kutz Pictured Cliffs

930' FNL, 1050' FEL, Section 26, T-28-N, R-12-W

San Juan County, NM, API #30-045-26105

Today's Date: 1/4/17

Spud: 12/2/84

Completed: 1/3/85

Elevation: 5806' GI
5814' KB

12-1/4" hole

TOC: cement circulated to surface

8-5/8" 20# Casing set @ 136'

Cement with 100 sxs, circulated

Ojo Alamo @ 416'

Kirtland @ 508'

Plug #2: 558' - 0'

Class B cement, 45 sxs

Fruitland @ 1249'

Pictured Cliffs @ 1612'

Plug #1: 1617' - 1199'

Class B cement, 36 sxs

Set CR @ 1617'

Pictured Cliffs Perforations:

1621' - 1644'

6-1/4" hole

4.5", 10.5#, K-55 Casing set @ 1706'
Cement with 250 (circulated to surface)

TD 1732'
PBTD 1667'

P&A Field Inspection Sheet

Date: 7/19/2016				Specialist: Sabre Beebe, BP / Mike Bullock, BLM / Bertha Spencer, BIA / Jeramy Gaskins, BP / Vance Hixon, BP /			
Operator: BP America				Well Name & Number: GCU 343			
API Number: 30-045-26105				Section: 26	Township: 28N	Range: 12W	
Lease Number: NMNM78391A				Footage: 930 FSL 1050 FEL			
				County: San Juan		State: NM	
Surface:	BLM	BOR	Navajo/NAPI	Twinned:	Yes	No	

Well Pad

Topography: Slightly Sloping in crop circle		Stockpile Topsoil		Yes	No
Soil Type: Sandy					
Vegetation Community:					
1	Mormon Tea				
2	Grassland				
3	Sand drop seed				
4	Four wing				
5					
6					
7					
8					
9					

Vegetation Cages: __ Yes X No

Facilities on Location: 2 Tanks 1 Meter Runs 1 Separators __ Compressor __ Day Tanks X Pipeline riser

Gravel Present: X Yes __ No Bury __ Yes X No Main Road: Two sections of road require reclamation for this well

Steel Pits: Above Grade / Below Grade: Where on Location: on the CDP pad

Cathodic Groundbed on location: __ Yes X No

In Service: __ Yes __ No Abandoned: __ Yes __ No Plugged: __ Yes __ No

Remove Wire __ Remove Rectifier __

Trash on location: X Yes __ No Power Poles: __ Yes X No Remove Power Poles: __ Yes __ No

Construction Diversion Ditch: Above Below Around

Side draining	Contaminated Soil: __ Yes <u>X</u> No
Side draining	Remove: __ Yes, where on location:

Construction Silt Trap(s): No, slope is very slight and can drain into other water features to the west of the pad

Re-Contour Disturbed Areas to Natural Terrain: X Yes __ No

Special Features: This is a split reclamation as the well head is separated by a road from the CDP which is abandoned as well.

Location & Access Barricade: X Yes __ No / How: The road from the crop circle road and the road from the CDP to the well head will need to be fenced to prevent grazing affecting the reclamation.

Construction Comments / Concerns: _____

Access Road

Access Length: 0.5 miles Remediation Methods: X Rip X Disk __ Water Bars X Re-establish Drainages

Other: Road will remain as it serves the co-located active well 232 E

Access Condition: __ Below Grade __ Above Grade __ Other: Level

Culverts: __ Yes X No Cattle Guard: __ Yes X No Reconstruct Fence: __ Yes __ No Surface Material: X Yes No

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

Onsite Noxious Weed Form

If noxious weeds are found during the onsite, fill out and submit to FFO weed coordinator.

Operator: BP America Surveyor(s): Mike Bullock, BLM/Bertha Spencer, BIA/Sabre Beebe, BP and Nathan Begay, NAPI

Well Name and Number GCU 343 Date: 7/19/16

Location: Township 26 Range 28N Section 12W

Location of Project NAD 83 Decimal Degrees

Class A Noxious Weed – Check Box if Found

<input type="checkbox"/>	Alfombrilla	<input type="checkbox"/>	Diffuse knapweed	<input type="checkbox"/>	Hydrilla	<input type="checkbox"/>	Purple Star thisle	<input type="checkbox"/>	Yellow toadflax
<input type="checkbox"/>	Black henbane	<input type="checkbox"/>	Dyer's woad	<input type="checkbox"/>	Leafy spurge	<input type="checkbox"/>	Ravenna grass	<input type="checkbox"/>	
<input type="checkbox"/>	Camelthorn	<input type="checkbox"/>	Eurasian watermilfoil	<input type="checkbox"/>	Oxeye daise	<input type="checkbox"/>	Scotch thistle	<input type="checkbox"/>	
<input type="checkbox"/>	Canada thistle	<input type="checkbox"/>	Giant salvinia	<input type="checkbox"/>	Parrot feather	<input type="checkbox"/>	Spotted knapweed	<input type="checkbox"/>	
<input type="checkbox"/>	Dalmation toadflax	<input type="checkbox"/>	Hoary cress	<input type="checkbox"/>	Purple loosestrife	<input type="checkbox"/>	Yellow starthistle	<input type="checkbox"/>	

Class B Noxious Weed – Check Box if Found

<input type="checkbox"/>	African rue	<input type="checkbox"/>	Perennial pepperweed	<input type="checkbox"/>	Russian knapweed	<input type="checkbox"/>	Tree of heaven
<input type="checkbox"/>	Chicory	<input type="checkbox"/>	Musk thistle	<input type="checkbox"/>	Poison hemlock	<input type="checkbox"/>	
<input type="checkbox"/>	Halogeton	<input type="checkbox"/>	Malta starthisle	<input type="checkbox"/>	Teasel	<input type="checkbox"/>	

☐ No noxious weeds identified at time of on site

Comments:

FFO Representative: Mike Bullock

Sign and date

Operator Representative: Sabre Beebe

Sign and date

Well name and no: GCU 343
API No. 30-045-26105

Plugging & Abandonment Surface Reclamation Plan

Operator:	BP America	Location:	Sec. 26, Twn: 28N, Range 12W
Well name & No:	GCU 343	County, State:	San Juan County, NM
API No:	30-045-26105	Revision:	0
Surface:	BLM		
Date:	07/19/2016		

This document outlines the final reclamation plan for the GCU 343 well site, API 30-045-26105, based on the BLM/BP/BIA/NAPI on-site inspection conducted on 07/19/2016 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 will be removed or abandoned-in-place.
- BP power poles, rectifier and/or radio equipment will be removed from the site. No power poles on the GCU 343 identified during site visit.
- All rig anchors found on location will be removed.
- Disturbance will be limited to the well site and CDP site footprint, pipeline right of way to edge of slope crest and edge of well pad and access road boundaries.
- All surface equipment identified on location at time of P&A will be removed from location.
- 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 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 when final reclamation is achieved.

Well name and no: GCU 343

API No. 30-045-26105

- 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 from location and road.
- BGT on location will be properly closed 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 location and surrounding area are next to a crop circle and will be re-contoured to blend in with the surrounding area.
- 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.
- A field fence constructed of either woven wire or four strands of wire with H-bracing as needed will be installed to allow for re-vegetation of the reclaimed well pad area.

Access Road Reclamation:

The road into this location which will be reclaimed as this well pad is the only one that is serviced by the road. Road reclamation will continue back to the prior well pad.

Re-vegetation:

The planned, initial seed mixture and application rates for the Pinion/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)
Fourwing saltbush (<i>Atriplex canescens</i>)	4.0
Winterfat (<i>Krascheninnikovia</i>)	2.0
Indian ricegrass (<i>Achnatherum</i>)	3.0
Sand dropseed (<i>Sporobolus cryptandrus</i>)	0.5
Western wheatgrass (<i>Pascopyrum smithii</i>)	3.0
Siberian wheatgrass (<i>Agropyron fragile</i>)	3.0
Blue grama (<i>Bouteloua gracilis</i>)	2.0
Scarlett globemallow (<i>Sphaeralcea coccinea</i>)	0.25

Well name and no: GCU 343
API No. 30-045-26105

Total	17.75
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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.

After approval of earthwork and seeding the FFO in collaboration with BP will establish a line point intercept transect.

After establishment of adequate vegetation, BP will read the line point intercept transect and take photos of the site. BP will submit a Sundry Notice (FAN) requesting approval of the reclaimed well location. Data results from the line point intercept transect and photos of the location and access road will be submitted as supporting documentation of the FAN Sundry Notice.

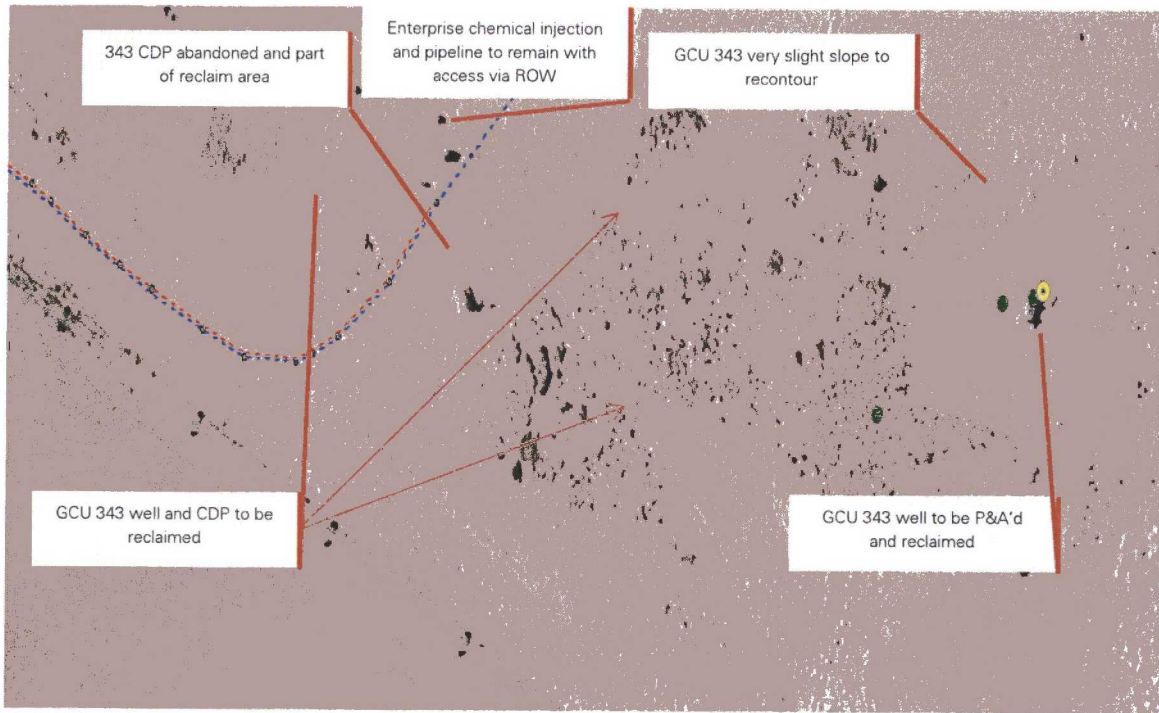
Any fencing installed to assist with re-vegetation will be removed once there is agreement from the BLM that the vegetation percent cover standard has been attained.

Attachments:

Well name and no: GCU 343

API No. 30-045-26105

- Reference photos of location taken on July 19, 2016.
- P&A Field Inspection Sheet performed on July 19, 2016.
- Aerial of location with short description of reclamation plan.



Well name and no: GCU 343
API No. 30-045-26105

Onsite Noxious Weed Form

If noxious weeds are found during the onsite, fill out and submit to FFO weed coordinator.

Operator: BP America Surveyor(s): Steve Moskal (BP), Sabre Beebe (BP) and Bob Switzer (BLM)

Well Name and Number GCU 354 Date: September 9, 2015

Location: Township 28N Range 12W Section 29

Location of Project NAD 83 Decimal Degrees

Class A Noxious Weed – Check Box if Found

<input type="checkbox"/>	Alfombrilla	<input type="checkbox"/>	Diffuse knapweed	<input type="checkbox"/>	Hydrilla	<input type="checkbox"/>	Purple Starthisle	<input type="checkbox"/>	Yellow toadflax
<input type="checkbox"/>	Black henbane	<input type="checkbox"/>	Dyer's woad	<input type="checkbox"/>	Leafy spurge	<input type="checkbox"/>	Ravenna grass	<input type="checkbox"/>	
<input type="checkbox"/>	Camelthorn	<input type="checkbox"/>	Eurasian watermilfoil	<input type="checkbox"/>	Oxeye daise	<input type="checkbox"/>	Scotch thistle	<input type="checkbox"/>	
<input type="checkbox"/>	Canada thistle	<input type="checkbox"/>	Giant salvinia	<input type="checkbox"/>	Parrotfeather	<input type="checkbox"/>	Spotted knapweed	<input type="checkbox"/>	
<input type="checkbox"/>	Dalmation toadflax	<input type="checkbox"/>	Hoary cress	<input type="checkbox"/>	Purple loosestrife	<input type="checkbox"/>	Yellow starthistle	<input type="checkbox"/>	

Class B Noxious Weed – Check Box if Found

<input type="checkbox"/>	African rue	<input type="checkbox"/>	Perennial pepperweed	<input type="checkbox"/>	Russian knapweed	<input type="checkbox"/>	Tree of heaven
<input type="checkbox"/>	Chicory	<input type="checkbox"/>	Musk thistle	<input type="checkbox"/>	Poison hemlock	<input type="checkbox"/>	
<input type="checkbox"/>	Halogeton	<input type="checkbox"/>	Malta starthisle	<input type="checkbox"/>	Teasel	<input type="checkbox"/>	

☒ **No noxious weeds identified at time of on site**

Comments:

FFO Representative: _____

Sign and date

Operator Representative: _____

Sign and date

**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: Gallegos Canyon Unit # 343

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.

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.