

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

JUN 2 2015

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. SF-078673
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian Allottee or Tribe Name Farmington Field Office Bureau of Land Management
2. Name of Operator ConocoPhillips Company		7. If Unit of CA/Agreement, Name and/or No.
3a. Address PO Box 4289, Farmington, NM 87499		8. Well Name and No. Schlusser WN Federal 5E
3b. Phone No. (include area code) (505) 326-9700		9. API Well No. 30-045-24425
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UL F (SENW), 1520' FNL & 1650' FWL, Sec. 34, T28N, R11W		10. Field and Pool or Exploratory Area Basin Dakota
		11. Country or Parish, State San Juan, New Mexico

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"/> Fracture Treat	<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 checked="" 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.)

ConocoPhillips Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 6/8/15 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop System will be used.

OIL CONS. DIV DIST. 3

JUL 15 2015

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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



H₂S POTENTIAL EXIST

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Patsy Clugston	Title Staff Regulatory Technician
Signature <i>Patsy Clugston</i>	Date 6/10/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy Salvess	Title PE	Date 7/13/2015
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 FFO	

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.

ConocoPhillips
SCHLOSSER WN FEDERAL 5E
Expense - P&A

Lat 36° 37' 18.077" N

Long 107° 59' 38.328" W

PROCEDURE

NOTE:

This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig. Before RU, run WL remove downhole equipment. If an obstruction is found, set a locking-3-slip-stop in the tubing.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. If there is pressure on the BH, contact the Wells Engineer.

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger

5. TOOH with tubing (per pertinent data sheet).

Tubing size: 2-3/8" 4.7# J-55 EUE

Set Depth: 6,163'

KB: 14'

6. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 6,097'.

7. PU 4-1/2" CR on tubing, and set at 6,047'. Pressure test tubing to 1,000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.

8. RU wireline and run CBL with 500 psi on casing from CR to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Troy Salyers (BLM) at tsalyers@blm.gov and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

9. Plug 1 - Dakota Perforations, Dakota and Graneros Formation Tops, 5947' - 6047', 12 Sacks Class B Cement

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota perforations, Dakota formation top and Graneros formation top. PUH.

10. Plug 2- Gallup Formation top, 5152'-5252', 12 Sacks Class B Cement

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top. PUH.

11. Plug 3 - Mancos Formation Top, 4278' - 4378', 12 Sacks Class B Cement

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mancos formation top. POOH.

12.. Plug 4 - Mesaverde Formation Top, 3102' - 3202', 51 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 3,202'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 3,152'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Mesaverde formation top. POOH.

13. Plug 5 - Pictured Cliffs Formation Top, 1569' - 1669', 46 Sacks Class B Cement

Part 1: Mix 6 sx Class B cement and spot a balanced plug inside the casing from 1,669' to 1,650'. POOH.

Part 2: RIH and perforate 3 squeeze holes at 1,645'. Establish injection rate into squeeze holes. RIH with 4-1/2" CR and set at 1,595'. Mix 40 sx Class B cement. Squeeze 30 sx outside the casing, leaving 10 sx inside the casing to cover the Pictured Cliffs formation top. POOH.

14. Plug 6 - Fruitland Formation Tops, 1068' - 1168', 51 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 1,168'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 1,118'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Fruitland formation top. POOH.

15. Plug 7 - Ojo and Kirtland Formation Tops, Surface Shoe and Surface Plug, 0' - 650', 213 Sacks Class B Cement

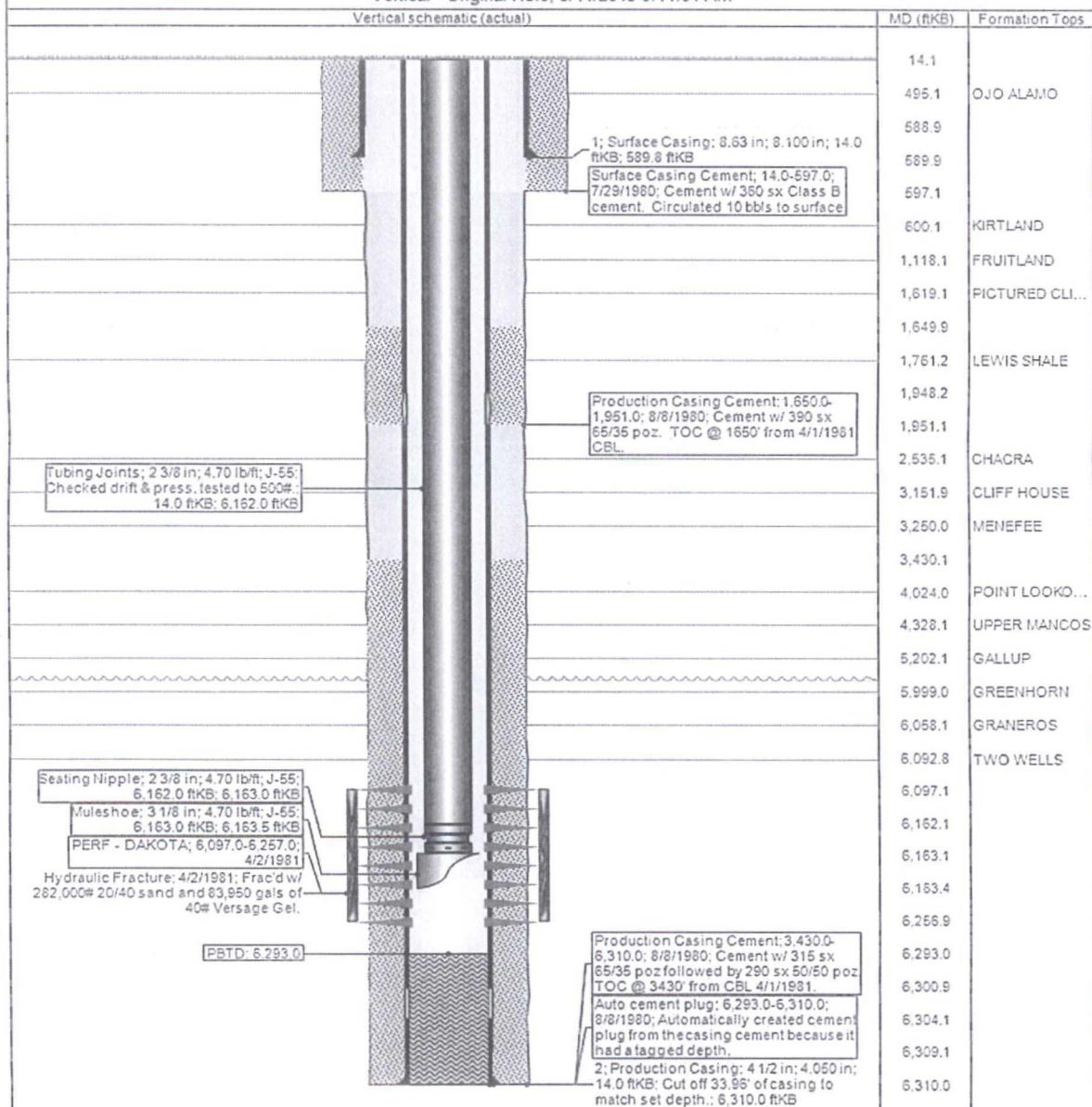
RU WL and perforate 4 big hole charge (if available) squeeze holes at 650'. TOO H and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 4-1/2" CR and set at 600'. Mix 159 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOO H and LD stinger. TIH with open ended tubing to 540'. Mix 54 sx Class B cement and pump inside plug. TOO H and LD Tubing. SI well and WOC.

15. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

Basic - Schematic - Current
SCHLOSSER WN FEDERAL 6E

District SOUTH	Field Name DK	API / UWI 3004524425	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 7/28/1980	Surface Legal Location 034-028N-011W-F	East/West Distance (ft) 1,650.00	East/West Reference FWL	North/South Distance (ft) 1,520.00
				North/South Reference FNL

Vertical - Original Hole, 5/14/2015 8:11:04 AM



Schematic - Proposed
SCHLOSSER WN FEDERAL 5E

District SOUTH	Field Name DK	API/ UWI 3004524425	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 7/28/1980	Surf Loc 034-028N-011W-F	East/West Distance (ft) 1,650.00	East/West Reference FWL	N/S Dist (ft) 1,520.00
				North/South Reference FNL

Vertical - Original Hole, 1/1/2020 6:30:00 AM

Vertical schematic (actual)	MD (ftKB)	Formation Tops
1; Surface Casing: 8.63 in; 8.100 in; 14.0 ftKB; 589.8 ftKB	14.1	OJO ALAMO
Cement Retainer: 600.0-603.0	495.1	
SQUEEZE PERFS: 650.0; 1/1/2020	597.1	KIRTLAND
Cement Retainer: 1,118.0-1,121.0	600.1	
SQUEEZE PERFS: 1,168.0; 1/1/2020	603.0	
Cement Retainer: 1,595.0-1,598.0	649.9	
SQUEEZE PERFS: 1,645.0; 1/1/2020	1,067.9	FRUITLAND
Cement Retainer: 3,152.0-3,155.0	1,118.1	
SQUEEZE PERFS: 3,202.0; 1/1/2020	1,121.1	
Cement Retainer: 6,047.0-6,050.0	1,168.0	
PERF - DAKOTA: 6,097.0-6,257.0; 4/2/1981	1,568.9	
PBTD: 6,293.0	1,595.1	
2; Production Casing: 4 1/2 in; 4.050 in; 14.0 ftKB; 6,310.0 ftKB	1,598.1	
	1,619.1	PICTURED...
	1,645.0	
	1,649.9	
	1,669.0	
	1,761.2	LEWIS SHA...
	1,951.1	
	2,535.1	CHACRA
	3,102.0	
	3,151.9	CLIFF HOU...
	3,154.9	
	3,202.1	
	3,260.0	MENEFEE
	3,430.1	
	4,024.0	POINT LOO...
	4,277.9	
	4,328.1	UPPER MA...
	4,378.0	
	5,151.9	
	5,202.1	GALLUP
	5,252.0	
	5,946.9	
	5,999.0	GREENHO...
	6,046.9	
	6,049.9	
	6,059.1	GRANEROS
	6,092.8	TWO WELLS
	6,097.1	
	6,256.9	
	6,293.0	
	6,310.0	

**United States Department of the Interior
Bureau of Land Management**

Re-vegetation Plan

Schlosser WN Federal 5E

6-10-15

U.S. Department of the Interior
Bureau of Land Management
Farmington District
Farmington Field Office
6251 N. College Blvd., Ste. A
Farmington, NM 87402
Phone: (505) 564-7600
FAX: (505) 564-7608



BLM

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1. INTRODUCTION

1.1. Project Information

Applicant:	ConocoPhillips Company
Project Type (Well, Access Road, Pipeline, Facility, etc.):	Well
Well, Oil and Gas Lease, or Right-of-Way (ROW) Name:	Schlosser WN Federal 5E
Legal Location: (Quarter/ Quarter Section, Township, Range, County, State):	UL F, 1520' FNL & 1650' FWL, Sec. 34 T28N, R11W, San Juan Co., NM
Lease Number:	SF-078673
Application for Permit to Drill (APD) Approval Date:	July 8, 1980

1.2. Conformance with Bare Soil Reclamation Procedures

This reclamation plan has been prepared to meet the requirements and guidelines of the Bureau of Land Management (BLM) Farmington Field Office (FFO) Bare Soil Reclamation Procedures (BLM 2013a) and Onshore Oil and Gas Order No. 1.

The ConocoPhillips contact person for this reclamation plan is:

Name: Mike Smith
Title: Projects Lead
Company: Burlington Resources
Address 1: 3401 E. 30th Street, Farmington, NM 87402
Address 2: P.O. Box 4289, Farmington, NM 87499
Phone: 505-599-3424

1.2.1. *Vegetation Reclamation Procedure C*

Completion of a Vegetation Reclamation Plan in accordance with Procedure C of the BLM/FFO Bare Soil Reclamation Procedures is required for surface disturbing actions, grants, or permits authorized by the BLM/FFO resulting in bare mineral soil **across an area greater than 0.1 acre**.

1.2.2. *Revision of the Reclamation Plan*

ConocoPhillips may submit a request to the BLM/FFO to revise the Reclamation Plan at any time during the life of the project in accordance to page 44 of the Gold Book (USDI-USDA 2007). ConocoPhillips will utilize the Sundry Notices and Reports on Wells Form 3160-5, and include justification for the revision request.

2. PROJECT DESCRIPTION

It is suspected that the wellbore has casing integrity problems; however, it cannot afford remedial work to repair the casing. It is recommended to permanently abandon the wellbore and return the location to its natural state.

2.1. Vegetation Community

A pre-plug-and-abandonment site visit was held with the BLM/FFO and ConocoPhillips, on 6/8/15. During this site visit, of the eight most common BLM/FFO vegetation communities, it was determined that Badlands Vegetation Community best represents the project area. A detailed description of this vegetation community is available on the New Mexico BLM web page (http://www.blm.gov/nm/st/en/fo/Farmington_Field_Office/ffo_planning/surface_use_plan_of.html).

During the site visit, all participants agreed that grazing was not anticipated to be an issue. The plant species that were picked during the onsite from the Badlands Seed List is found in Appendix A.

2.2. Pre-Plug and Abandonment Weed Survey

During the pre-plug-and-abandonment site visit, the proposed action area was surveyed for noxious weeds listed on the New Mexico Department of Agriculture's A and B list. The completed weed survey is found in Appendix B.

The survey found no noxious weeds within the proposed project site. The Onsite Noxious Weed form was completed, signed by the BLM/FFO representative and the ConocoPhillips Representative, and submitted to the BLM/FFO weed coordinator.

2.3. Final Reclamation Soil Evaluation

The BLM/FFO representative and the ConocoPhillips Representative have collaboratively decided at the pre-plug-and-abandonment site visit that no soil testing is necessary for the proposed project area.

3. RECLAMATION TECHNIQUES FOR SUCCESSFUL RE-VEGETATION

3.1. Topsoil Replacement

Topsoil and sub-surface soils will be replaced in the proper order prior to final seedbed preparation. The topsoil on location is sandy. It will be stripped and the fill put back in original cut.

3.2. Water Management/Erosion Control Features

The BLM/FFO representative and the ConocoPhillips representative will collaborate to develop site-specific erosion control or water management features and to identify installation locations. Erosion control or water management features that may be used include (but are not limited to) sediment basins or sediment traps, silt fencing, erosion control blankets or geotextiles, and straw wattles. Allow drainage to flow through center of pad. Re-establish drainage north of wellhead to avoid washing out P&A marker.

3.3. Seedbed Preparation

For cut-and-fill slopes, initial seedbed preparation will consist of backfilling and recontouring to achieve the configuration shown on the onsite reclamation re-contour plan in Appendix C. Disturbed areas will be recontoured to blend with the surrounding landscape, emphasizing restoration of the existing drainage patterns and landform to pre-construction conditions, to the extent practical.

Following final contouring, the backfilled or ripped surfaces will be covered evenly with stockpiled topsoil. Final seedbed preparation will consist of raking or harrowing the topsoil prior to seeding to promote a firm – but not compacted – seedbed, without surface crusting.

Seedbed preparation for compacted areas will be ripped to a minimum depth of twelve (12) inches, with a maximum furrow spacing of two (2) feet. Where practical, ripping will be conducted in two passes at perpendicular directions. Disking will be conducted if large clumps or clods remain after ripping. Any tilling or disking will occur along the contour of the slope. Seed drills also will run along the contour to provide terracing and prevent rapid runoff and erosion. If broadcast seeding is used, a dozer or other tracked equipment shall track perpendicular to the slope prior to broadcast seeding.

3.4. Soil Amendments

Based on information gathered at the onsite inspection and as a result of any soil testing conducted for the proposed project area, the ConocoPhillips representative and the FFO representative have jointly decided that no soil amendments will be used during reclamation of the proposed project area.

3.5. Seeding

The seed pick list mix chosen for this project area is attached. Seeding will occur after facility set or within 180 days after earthwork is approved for optimal seeding conditions.

A seed drill or modified rangeland drill that allows for seeding species from different seed boxes at different planting depths will be used to seed the disturbed areas of the site. ConocoPhillips or its reclamation subcontractor will ensure that perennial grasses and shrubs are planted at the appropriate depth. Intermediate size seeds such as wheatgrasses and shrubs will be planted at a depth of 0.5 inches, larger seeds such as Indian ricegrass at 1 to 2 inches, and small seeds such as alkali sacaton and sand dropseed will be planted at a depth of 0.25 inches. In situations where differing planting depths are not practicable with the equipment being used, the entire mix will be planted no deeper than 0.25 inch. Drill seeding may be used on well-packed and stable soils on gentler slopes where tractors and drills are safely able to operate.

Where drill seeding is not practicable due to topography, the contractor will hand-broadcast seed using a "cyclone" hand seeder or similar broadcast seeder. Broadcast application of seed requires a doubling of the drill seeding rate. The recommended drill seeding rate is provided in Table A-3. Seed will then be raked-in so that it is planted no deeper than 0.25-inch below the surface.

3.6. Mulching

Mulch will be applied within the 24 hour period following completion of seeding. Mulching shall consist of crimping certified weed-free straw or certified weed-free native grass hay into the soil.

Straw or native grass hay mulch can be applied by hand broadcasting or blowing to a uniform depth of 2 to 3 inches, equivalent to a rate of about 2 tons per acre (one 74-pound bale per 800 square feet). When applied properly, approximately 20 to 40 percent of the original ground surface can be seen.

Straw or native grass hay mulch will then be anchored using one of the following methods:

- **Hand Punching**—a spade or shovel is used to punch straw into the soil at 12-inch intervals until all areas have straw standing perpendicularly to the slope and embedded at least 4-inches into the soil.
- **Roller Punching**—a roller equipped with straight studs not less than 6-inches long, from 4- to 6-inches wide and approximately 1-inch thick is rolled over the area spread with mulch.
- **Crimper Punching**—like roller punching, the crimper has serrated disk blades about 4-to 8-inches apart, which force the mulch into the soil. Crimping should be done in two directions with the final pass across the slope.

Mulch applications in extremely clayey soils should be evaluated carefully to avoid developing an adobe mixture. In these cases, a soil amendment may prove more beneficial.

3.7. Noxious and Invasive Weed Control

Should noxious or invasive weeds be documented after earthwork and seeding activities, the BLM/FFO weed coordinator will provide ConocoPhillips with specific requirements and instructions for weed treatments, including the time frame of treatment, approved herbicides that may be used, required documentation to be submitted to the BLM/FFO after treatment, and any other site specific instructions that may be applicable.

4. MONITORING REQUIREMENTS

Per BLM/FFO Procedures - Procedure C guidelines: The Permit or Grant Holder is not required to monitor areas reclaimed under Vegetation Reclamation Procedure C. The Permit or Grant Holder is required to document to the BLM FFO that areas vegetated under the Vegetation Reclamation Procedure C have attained the vegetation percent cover standard for the Badlands Vegetation Community in order to prove a successful reclamation for receipt of a FAN or relinquishment from the BLM/FFO.

4.1. Attainment of Vegetation Reclamation Standards

Each of the eight BLM/FFO vegetation communities included in the BLM/FFO Procedures has been assigned a vegetation percent cover standard for plant species classified as non-invasive/desirable and plant species classified as invasive/undesirable. The vegetation percent cover standard for non-invasive/desirable plant species within the Badlands Vegetation Community is equal to or greater than 20%. The vegetation percent cover standard for invasive/undesirable plant species is equal to or less than 10%. Per BLM/FFO Procedures, this vegetation percent cover standard must be attained before the BLM/FFO will issue a FAN or a relinquishment for the Schlosser WN Federal 5E.

If earthwork associated with final abandonment activities results in 0.1 acre or more of bare soil, ConocoPhillips will follow the reclamation procedures outlined in this plan.

If, during the reclamation process, a reclaimed area has not met the vegetation percent cover standard, a conference will be held with ConocoPhillips, the BLM/FFO, and any other effected parties to analyze the issues affecting reclamation success. This process (including reclamation exception requests) is outlined in the BLM/FFO Procedures.

4.2. Final Abandonment

The permit holder is not responsible for achieving full ecological reclamation of bare soil resulting from an authorized action. Instead, the permit holder is responsible for achieving the short-term stability, visual, hydrological, and productivity objectives of the FFO. The performance-based revegetation standards focus on using the desired end condition as the ultimate determinant of acceptable vegetation

productivity. The attainment of the vegetation percent cover standards will fulfill the productivity objective of the FFO and contribute to the stability of the site.

Data collected from reading the line point intercept transect will be used to quantitatively document that the percent foliar cover vegetative standards established for the site have been attained. Once it has been determined that the percent foliar cover standard has been attained, a request for concurrence will be submitted to the FFO. The request for concurrence will include transect data sheets and photos taken from all the initial photo points established in the initial monitoring report. The FFO will review the request and either approve or deny the request within 60 days. If the FFO denies the request, the FFO may initiate a site inspection within 60 days of the denial to analyze the site and determine if remedy actions may be appropriate.

The project proponent will follow the Vegetation Reclamation Procedure C as detailed in the Farmington Field Office Bare Soil Reclamation Procedures (BLM 2013b). The percent cover standards listed previously must be attained prior to FFO approval of final abandonment, or an exception must be granted from FFO (per section 3.3.9).

5. REFERENCES

43 CFR Part 3160, "Onshore Oil and Gas Order No. 1; Onshore Oil and Gas Operations; Federal and Indian Oil and Gas Leases; Approval of Operations," 72 Federal Register 44 (07 March 2007), pp. 10328-10338.

BLM. 2013a. Farmington Field Office Bare Soil Reclamation Procedures. Available at:
http://www.blm.gov/pgdata/etc/medialib/blm/nm/field_offices/farmington/farmington_planning/surface_use_plan_of.Par.69026.File.dat/FFO%20Bare%20Soil%20Reclamation%20Procedures%202-1-13.pdf. Accessed February 2013.

BLM. 2013b. Updated Reclamation Goals. Available at:
http://www.blm.gov/nm/st/en/fo/Farmington_Field_Office/ffo_planning/surface_use_plan_of/updated_reclamation.html. Accessed February 2013.

U.S. Department of the Interior - U.S. Department of Agriculture (USDI-USDA). 2007. Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development. BLM/VO/ST-06/021+307/REV 07. Bureau of Land Management. Denver, Colorado. 84 pp.

APPENDIX A: SEED PICK LIST

Badland - Reclamation Goal: Native/Desirables $\geq 20\%$

Common Name	Scientific Name	Season	Form
Pick 2			
✓ Fourwing saltbush	<i>Atriplex canescens</i>	C	S
Shadscale saltbush	<i>Atriplex confertifolia</i>	C	S
✓ Winterfat	<i>Krascheninnikovia lanata</i>	C	S
Mormon tea	<i>Ephedra viridis</i>		S
Pick 4			
✓ Indian ricegrass	<i>Achnatherum hymenoides</i>	C	B
Alkali sacaton	<i>Sporobolus airoides</i>	W	B
✓ Bottlebrush squirreltail	<i>Elymus elymoides</i>	C	B
✓ Sand dropseed	<i>Sporobolus cryptandrus</i>	W	B
Blue grama	<i>Bouteloua gracilis</i>	W	B
✓ James' galleta	<i>Pleuraphis jamesii</i>	W	B / Sod
Siberian wheatgrass	<i>Agropyron fragilis</i>	C	B
Pick 1			
✓ Smallflower globemallow	<i>Sphaeralcea parvifolia</i>	W	F
Narrowleaf peristemon / broadbeard beardtongue	<i>Penstemon angustifolius</i>	C	F

Mixed Mountain Shrubland (Oak) - Reclamation Goal: Native/Desirables $\geq 35\%$

Common Name	Scientific Name	Season	Form
Pick 2			
Mountain mahogany	<i>Cercocarpus montanus</i>	C	S
Utah serviceberry	<i>Amelanchier utahensis</i>	C	S
Antelope bitterbrush	<i>Purshia tridentata</i>	C	S
Pick 1			
Slender wheatgrass	<i>Elymus trachycaulis</i>	C	B
Western wheatgrass	<i>Pascopyrum smithii</i>	C	Sod
Pick 2			
Prairie junegrass	<i>Koeleria macrantha</i>	C	B
Arizona fescue	<i>Festuca arizonica</i>	C	B
Muttongrass	<i>Poa fendleriana</i>	C	B
Pick 1			
Blue grama	<i>Bouteloua gracilis</i>	W	B
Indian ricegrass	<i>Achnatherum hymenoides</i>	C	B
Pick 2			
Sulphur-flower buckwheat	<i>Eriogonum umbellatum</i>	W	F
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	W	F
Utah sweetvetch	<i>Hedysarum boreale</i>	W	F
Small burnet	<i>Sanguisorba minor</i>	C	F

Ponderosa Pine - Reclamation Goal: Native/Desirables $\geq 40\%$

Common Name	Scientific Name	Season	Form
Pick 4			
Bottlebrush squirreltail	<i>Elymus elymoides</i>	C	B
Western wheatgrass	<i>Pascopyrum smithii</i>	C	B
Prairie junegrass	<i>Koeleria macrantha</i>	C	B
Muttongrass	<i>Poa fendleriana</i>	C	B
Blue grama	<i>Bouteloua gracilis</i>	W	B
Arizona fescue	<i>Festuca arizonica</i>	C	B
Pick 1			
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	W	F
Utah sweetvetch	<i>Hedysarum boreale</i>	W	F
Pick 1			
Mountain mahogany	<i>Cercocarpus montanus</i>	C	S
Antelope bitterbrush	<i>Amelanchier utahensis</i>	C	S
Utah serviceberry	<i>Purshia tridentata</i>	C	S

APPENDIX B: WEED SURVEY

Onsite Noxious Weed Form

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

Operator _____ Surveyor(s) _____ Date _____

Well Name and Number _____

Location: Township, Range, Section _____

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 starthistle	<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"/>	Cane thorn	<input type="checkbox"/>	Eurasian watermilfoil	<input type="checkbox"/>	Oxeye daisy	<input type="checkbox"/>	Scotch thistle	<input type="checkbox"/>	
<input type="checkbox"/>	Canada thistle	<input type="checkbox"/>	Giant salvinia	<input type="checkbox"/>	Patriot feather	<input type="checkbox"/>	Spotted knapweed	<input type="checkbox"/>	
<input type="checkbox"/>	Dalmatian 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 starthistle	<input type="checkbox"/>	Teasel	<input type="checkbox"/>	

Comments:

None Found

FFO Representative: Bob Smith

Operator sign and date: _____ Representative: Stan Moly

Operator 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: Schlosser WN Federal #5E

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) Set a plug from (2585-2485) ft. inside/outside to cover the Chacra top. BLM picks top of Chacra at 2435 ft.
 - b) Set plug #6 from (1370-1270) ft. inside/outside to cover the Fruitland top. BLM picks top of Fruitland at 1320 ft.

Note: H2S has not been reported at this location; however, low concentrations of H2S (8 ppm-10 ppm GSV) have been reported in wells within a 1 mile radius of this location.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: tsalyers@blm.gov Brandon.Powell@state.nm.us

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.