Form 3160-5

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APROVED OMB NO. 1004-0137

CD-ARTESI (February 200% EXPIRES: March 31, 2007 BUREAU OF LAND MANAGEMENT 5. Lease Serial No. SUNDRY NOTICES AND REPORTS ON WELLS NM 96822 Do not use this form for proposals to drill or to re-enter an 6. It Indian, Allottee or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals SUBMIT IN TRIPLICATE - Other instructions on page 2 7. Unit or CA Agreement Name and No. 1. Type of Well ☑ Gas Well 8 Well Name and No. J Oil Well 2. Name of Operator . **LEVERS FEDERAL 1 DEVON ENERGY PRODUCTION COMPANY, LP** 9. API Well No. 30-015-20174 3a, Address 3b. Phone No. (include area code) 20 North Broadway, Ste 1500, Oklahoma City, OK 73102 405-552-4615 10. Field and Pool, or Exploratory Area SPRINGS UPPER PENN (GAS) 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1594' FNL 660' FWL 2 T21S R25E 11. County or Parish, State NM 12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OS SUBMISSION TYPE OF ACTION Water Shut-Off Production (Start/Resume) Acidize Deepen Notice of Intent Fracture Treat Well Integrity Reclamation Alter Casing Subsequent Report **New Construction** Recomplete Other Casing Repair Plug and Abandon Temporarily Abandon Change Plans Final Abandonment Notice Plug Back Water Disposal Convert to Injection 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepen directionally, or recomplete horizontally, give subsurface location 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection) Note: This NOI is submitted in reference to Written Order #1009PS34W by Paul Swartz dated 9/30/10. PROPOSED PLUG & ABANDONMENT RECEIVED 1. MIRU. TIH to CIBP @ 8010. Circulate wellbore w/9.5 ppg mud DEC 06 2010 2. Spot 25 sx cement (150') on CIBP @ 8010'. (Calc. PBD @ 7860') 3. Cut 7" casing at +/- 6950'. TOOH w/casing. ત્રે. Spot 50 sx stub plug (182') 50' below cut @ +/- 7000'. WOC and Tag. (Calc. PBD @ 6818'). NMOCD ARTESIA 5. Spot 50 sx plug (158') @ 4820'. 5. Spot 50 sx plug (153'), 50' below 9-5/8" casing shoe @ 2814'. WOC and Tag. (Calc PBD @ 2661') ▼. Circulate 96 sx from 50' below 16" casing shoe @ 291' to surface. Cut wellhead off 3' BGL. ABackfill cement to surface on casings if necessary. SEE ATTACHED FOR 10. Set dry hole marker. CONDITIONS OF APPROVAL **RECLAMATION PROCEDURE ATTACHED** hereby certify that the foregoing is true and correct Title **Operations Technician** Name: Ronnie Slack -10-10 Signature Date THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Title

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 or operations thereon.

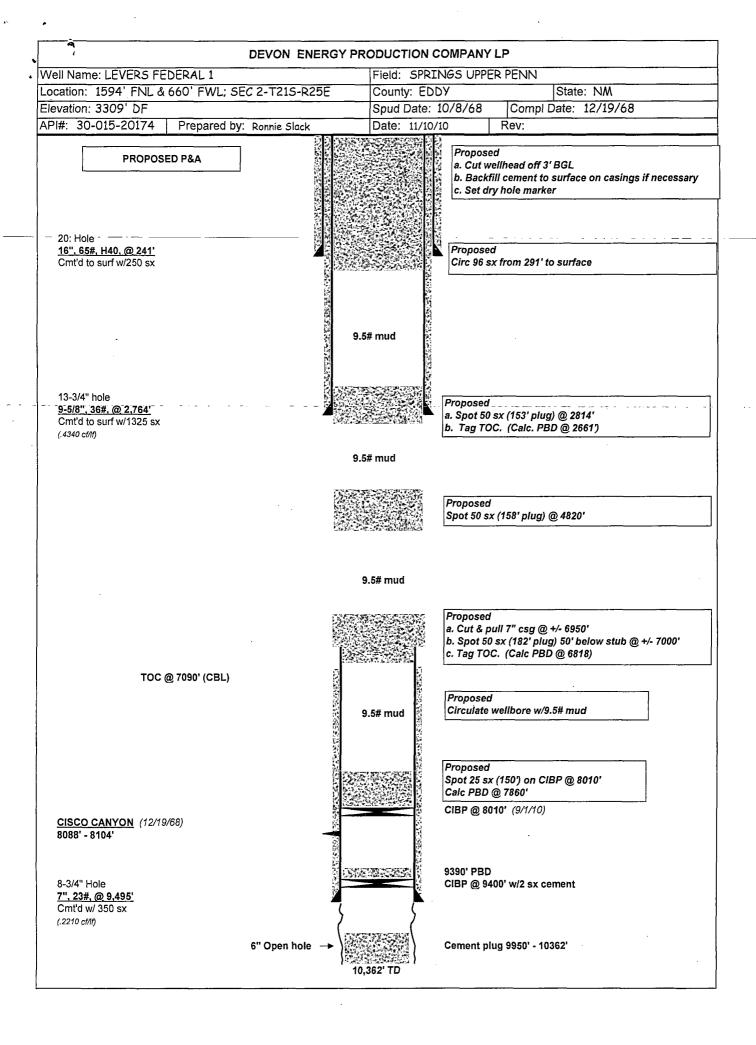
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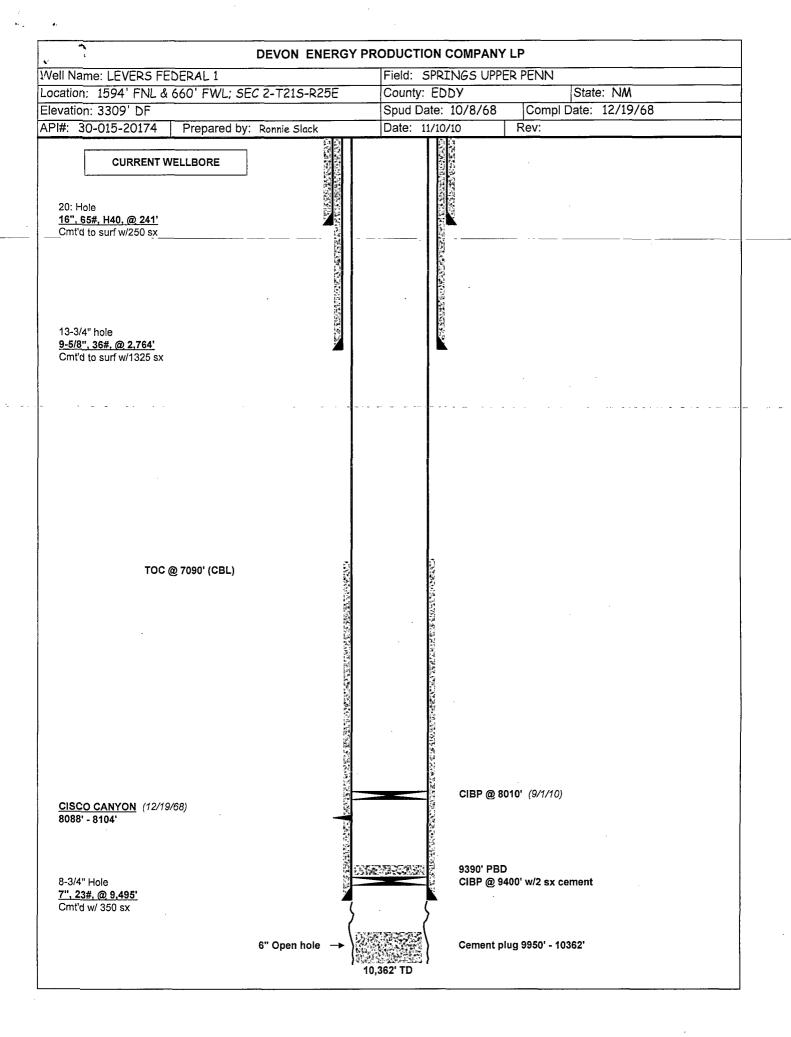
**Dustin Winkler** 

fully to make ARLSBADT PIEC BOOK POLED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and representations as to any matter within its jurisdiction.

Office





District I 1625 N. French Dr., Hobbs, NM 88240 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-144 CLEZ July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.



Closed-Loop System Permit or Closure Plan Application (that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure) Type of action: Permit Closure Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144. Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Operator: \_\_Devon Energy Production Co, LP\_\_\_\_\_\_ OGRID #: \_\_\_\_6137\_\_\_\_ Address: 20 North Broadway OKC, OK 73102-8260\_\_\_\_ Facility or well name: \_\_\_\_Levers Federal #1\_\_\_\_\_ API Number: \_\_30-015-20174\_\_\_\_\_\_OCD Permit Number: \_\_ U/L or Qtr/Qtr \_\_\_\_\_ Section 2 \_\_\_\_ Township 21S \_\_\_\_ Range 25E \_\_\_ County: \_EDDY\_\_\_\_ \_\_\_\_\_Longitude \_\_\_\_\_\_ NAD: 🔲 1927 🔲 1983 Center of Proposed Design: Latitude Surface Owner: Federal State Private Tribal Trust or Indian Allotment ☐ Closed-loop System: Subsection H of 19.15.17.11 NMAC Operation: Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) XP&A Above Ground Steel Tanks or Haul-off Bins Signs: Subsection C of 19.15.17.11 NMAC 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☑ Signed in compliance with 19.15.3.103 NMAC Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached, Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC API Number: Previously Approved Design (attach copy of design) Previously Approved Operating and Maintenance Plan API Number: Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required. Disposal Facility Name: \_\_\_\_\_R9166\_\_\_\_\_ Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_ Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? Yes (If yes, please provide the information below) \square No Required for impacted areas which will not be used for future service and operations: (SEE attached Enclosure Plan) Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC **Operator Application Certification:** I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief. Name (Print): Ronnie Slack Ronne Stuck Date: 11-10-10

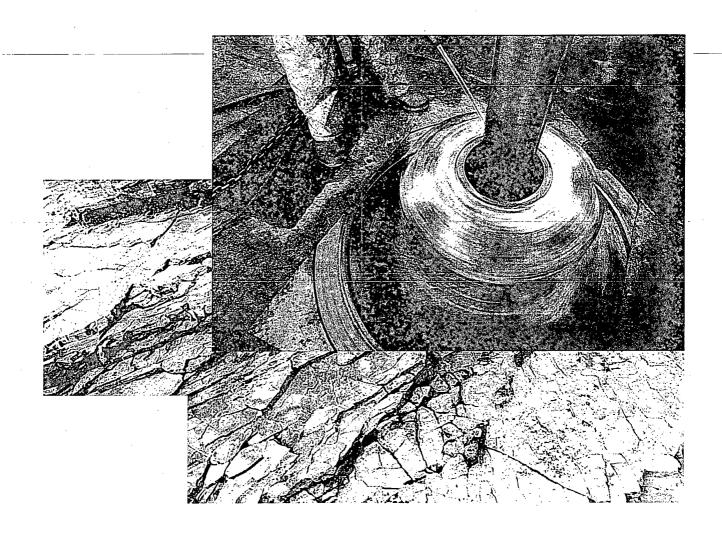
Signature:

e-mail address:

OCD Approval: Permit Application (including closure plan) Closure Plan (only)	
OCD Representative Signature:	Approval Date:
Title:	OCD Permit Number:
8. Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.	
	Closure Completion Date:
9. Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.	
Disposal Facility Name:	
Disposal Facility Name:	
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?  Yes (If yes, please demonstrate compliance to the items below)  No	
Required for impacted areas which will not be used for future service and operat  Site Reclamation (Photo Documentation)  Soil Backfilling and Cover Installation  Re-vegetation Application Rates and Seeding Technique	ions:
Operator Closure Certification:  I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.	
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:



# Commitment Runs Deep



Design Plan
Operation & Maintenance Plan
Closure Plan
Workover Operations

SENM July 2008

## I. Design Plan

Above ground steel tanks will be used for the management of all workover fluids.

## II. Operations and Maintenance Plan\_

Devon will operate and maintain all of the above ground steel tanks involved in workover operations in a prudent manner to prevent any spills. If a leak develops, the appropriate division district office will be notified within 48 hours of the discovery and the leak will be addressed. During an upset condition the source of the spill is isolated and addressed as soon as it is discovered. Free liquids will be removed and loose topsoil will be used to stabilize the spill. The contaminated soil will be either bio-remediated or excavated and taken to an agency approved disposal facility.

#### III. Closure Plan

All workover fluids will go to above ground steel tanks and will be hauled by various trucking companies to an agency approved disposal facility.

Impacted areas which will not be used for future service or operations will be reclaimed and reseeded as stated in the APD.

Devon Energy Production Company, LP NM-96822: Levers Federal #1 API: 30-015-20174

Eddy County, New Mexico

RE: Plugging and Abandonment Requirements, Conditions of Approval

- 1. OK
- 2. OK (Perfs)
- 2a. Spot approx 40sx of class H cement from 7680'-7500'. (Wolfcamp)
- OK
- 4. Tag 120' above the stub (approx 50sx) or shallower. If multiple cuts are made, contact the BLM for changes Otherwise OK.
- 5. No more than 2000' between the tag depth of the stub plug to the setting depth of this plug. Plug to be a minimum 150' in length (approx 50sx). WOC and tag to verify length Otherwise OK (Spacer)
- 6. No more than 2000' between the tag depth of the spacer plug to the setting depth of this plug. Spot plug from 2850' (unless tag of spacer requires deeper) to 2710' (approx 50 sx). WOC and tag at 2710' or shallower Otherwise OK (Bone Spring Casing shoe)
- 7. Due to being located within the High Cave/Karst region, a solid cement plug from 400' to surface is required (approx 175sx) Otherwise OK (Cave/Karst Casing shoe Surface)
- 8. OK
- 9. OK
- 10. OK
- 11. Submit a subsequent report to the BLM.

H<sub>2</sub>S monitoring equipment shall be on location.

See attached standard COAs.

DHW 113010

#### **BUREAU OF LAND MANAGEMENT**

Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Any plug that requires a tag will have a minimum WOC time of 4 hours.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified when the wellhead is cut off to verify that cement is to surface in the casing and all annuluses.** The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.

DHW 112309



## **United States Department of the Interior**

**BUREAU OF LAND MANAGEMENT** 

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

## **Reclamation Objectives and Procedures**

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.
- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Environmental Protection Specialist 575-234-5909, 575-361-2648 (Cell)

Terry Gregston Environmental Protection Specialist 575-234-5958

Bobby Ballard Environmental Protection Specialist 575-234-2230

Randy Rust Natural Resource Specialist 575-234-5943

Linda Denniston Environmental Protection Specialist 575-234-5974

Jennifer Van Curen Environmental Protection Specialist 575-234-5905

Justin Frye Environmental Protection Specialist 575-234-5922 Cody Layton Natural Resource Specialist 575-234-5959

Trishia Bad Bear Natural Resource Specialist 575-393-3612

Todd Suter Surface Protection Specialist 575-234-5987

Doug Hoag Civil Engineering Technician 575-234-5979

Tanner Nygren Natural Resource Specialist 575-234-5975

John Fast Natural Resource Specialist 575-2345996