

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**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 reverse side.**

1. Type of Well  Oil Well  Gas Well  Other

2. Name of Operator  
**Echo Production, Inc.**

3a. Address **P.O. Box 1210, Graham, TX 76450** 3b. Phone No. (include area code) **(940) 549-3292**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 31 T22S R32E 1810' FSL 330' FEL**

5. Lease Serial No. **NMNM106916**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No. **#3**  
**East Livingston 31 Fede**

9. API Well No. **30-025-36656**

10. Field and Pool, or Exploratory Area  
**Livingston Ridge; Delaware,**

11. County or Parish, State  
**Lea Co., NM**

HOBBES OCD  
MAY 30 2017  
RECEIVED

12. CHECK 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	
	<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	

INT TO PA fmj  
P&A NR \_\_\_\_\_  
P&A R \_\_\_\_\_

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 recomplate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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 requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

- 1) Set CIBP @ 6900' - ~~Dump bail 4 sx cmt~~ Spot 25sx C cmt
- 2) Load hole w/ 9 ppg mud with 25sx salt wtr gel per 100bbls brine
- 3) Freepoint 5 1/2" casing, cut and pull. TOC 5500'
- 4) Spot 40 sx cmt across top of cutoff casing (50' below, 100' above)
- 5) Spot 25 sx cmt 4600' - 4315'
- 6) Spot 25 sx cmt 1050' - 950'
- 7) Spot 70 sx cmt 860' - 700'
- 8) Spot 15 sx cmt 50' - surface.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**W.O. Dollar**

Title **Operations Manager**

Signature

*W.O. Dollar*

Date **3/21/2017**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

MAY 15 2016

*PK Stewart*

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE

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 any statement or representation as to any matter within its jurisdiction.

(Instructions on page 2)

FOR RECORD ONLY  
MW/OCD 05/30/2017

## Conditions of Approval

**Echo Production, Inc.**  
**East Livingston - 01, API 3002536656**  
**T22S-R32E, Sec 31, 1810FSL & 330FEL**  
**May 16, 2017**

- 1. Operator is required to have the BLM approved NOI procedure with applicable conditions of approval on location during this workover operation.**
2. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15.
3. Subject to like approval by the New Mexico Oil Conservation Division.
4. Notify 575-393-3612 Lea Co as work begins. Plugging procedures are to be witnessed. If there is no response leave a voice mail with the API#, workover purpose, and a call back phone number.
5. Surface disturbance beyond the existing pad must have prior approval.
6. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
7. Functional H<sub>2</sub>S monitoring equipment shall be on location.
8. 3000 (3M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels) equipment shall be installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
9. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during any other crew-intensive operations.
10. The BLM PET witness is to run tbg tally and agree to cement volumes and placement. Sample each plug for cement curing time and tag and/or pressure test as requested by BLM PET witness.
- 11. Cementing procedure is subject to the next three numbered paragraphs.**
12. Mix cement plugs to cover a minimum of 100ft plus 10ft for every 1,000ft to the bottom of the plug, rounding the number of necessary sacks up to the nearest 5 sacks. Never use less than 25sx. Examples: A cement plug set at 8000 in 7" casing would require a min of 35sx. A 25sx plug in 5 1/2" casing should cover 250ft, which may exceed 100ft plus 10ft per 1000ft.
13. Class H > 7500ft & C < 7500ft) cement plugs(s) will be necessary. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) & 8 hours(H) is recommended. Formation isolation plugs of Class "C" to be mixed 14.8#/gal, 1.32 ft<sup>3</sup>/sx, 6.3gal/sx water and "H" to be mixed 16.4#/gal, 1.06ft<sup>3</sup>/sx, 4.3gal/sx water.

14. Minimum requirement for mud placed between plugs is **25 sacks of salt water gel per 100 barrels** in 9 lb/gal brine.
15. Set a balanced 35 sx Class "C" cmt plug on the CIBP to be set at 6900. Tag the plug w/tbg at 6575 or above.
16. Step 4) of procedure – Tag the plug w/tbg 100 ft above the cutoff 5 ½" csg stub.
17. Set a balance cmt plug across the Delaware formation top (4566) from 4670. Tag the plug with tbg at 4500 or above.
18. Set a balanced cmt plug across the base of salt (4300) from 4350 or below. Tag the plug at 4250 or above with tbg.
19. Set the procedure Step 6) plug to cover the top of salt from 1050. Tag the plug with tbg at 935 or above.
20. Set the surface shoe plug as procedure Step (7. from 860. Tag the plug with tbg at 700 or above.
21. Spot the 50ft surface plug as per procedure.
22. File **subsequent sundry** Form 3160-5 within 30 days of workover procedures. Submit the (BLM Form 3160-5 subsequent report (daily reports) via BLM's Well Information System; <https://www.blm.gov/wispermits/wis/SP> (email [pswartz@blm.gov](mailto:pswartz@blm.gov) for operator setup instructions). Include (dated daily) descriptions of the well work, ie. procedure descriptions and setting depths of each plug in the subsequent sundry.
23. Wellbore plugging accomplished within 90 days of approval.

Operator: Echo Production, Inc  
Surface Lease: NM106916

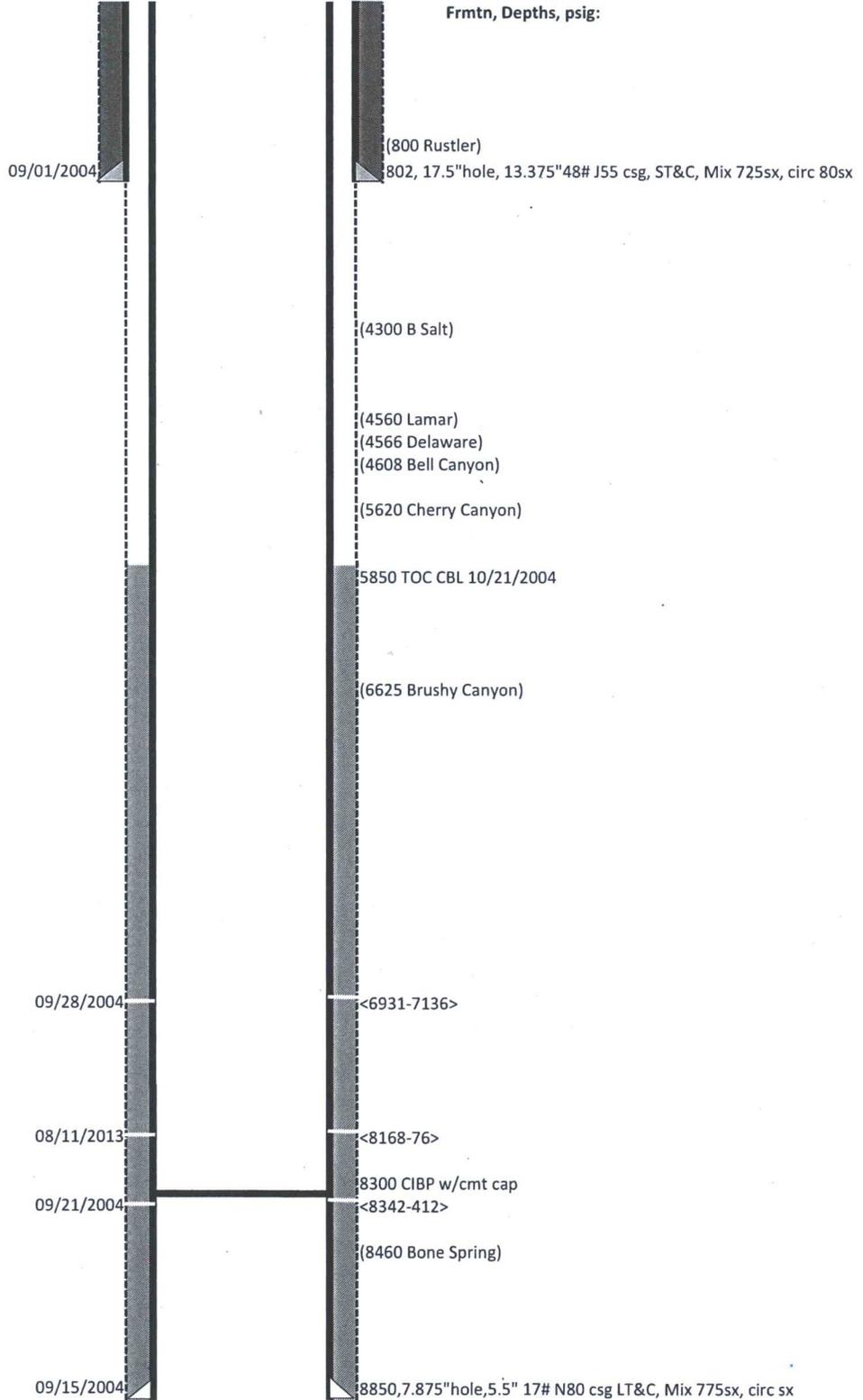
BHL: NM106916  
Lease Agreement

Well: EAST LIVINGSTON 31 FEDERAL-3  
API: 3002536656  
@ Srfce: T22S-R32E,31.1810s330e  
@ M TD: T22S-R32E,31.1810s330e

Case No: NM106916  
Subsurface Concerns for Casing Designs: KFC  
Well Status: POW  
Spud date: 8/30/2004  
Plug'd Date:  
Reentry Date:

KB: 3548  
GL: 3530  
Corr: 18

Estate: F\FF  
CWDW, R of W: 0  
OCD Admn Order, date:  
Frmtn, Depths, psig:



## Reclamation Objectives and Procedures

In Reply Refer To: 1310

**Reclamation Objective:** 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 needed. This will apply to well pads, facilities, and access roads. Barricade all access road(s) at the starting point. If reserve pits have not been adequately reclaimed due to salts or other contaminants, propose a plan for BLM approval to provide restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations should have included 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 locations and/or access roads not having an approved plan, or an inadequate plan for surface reclamation the operator must submit a proposal describing the procedures for reclamation. The appropriate time for submittal would be when filing the Notice of Intent, or with the Subsequent Sundry Report of Abandonment on Form 3160-5. The final reclamation goal is to be completed within 6 months of wellbore abandonment.
3. With 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 may 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.
4. Upon reclamation conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a BLM specialist to inspect the location to verify work was completed as per approved plans.

5. The BLM approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been tentatively reestablished. If the objectives have not been met BLM will be notify the operator of the required corrective actions.
6. It is the responsibility of the operator to monitor these locations and/or access roads until such time the full 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 full 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 a BLM specialist will again 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 for 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)

Robertson, Jeffery  
Natural Resource Specialist  
575-234-2230, 575-706-1920 (Cell)

Trishia Bad Bear  
Natural Resource Specialist  
575-393-3612, 575-390-2258 (Cell)

Vance Wolf  
Natural Resource Specialist  
575-234-5979

Jesse Bassett  
Natural Resource Specialist  
575-234-5913, 575-499-5114 (Cell)

Brooke Wilson  
Natural Resource Specialist  
575-234-6237

Paul Murphy  
Natural Resource Specialist  
757-234-5975, 575-885-9264 (Cell)

Arthur Arias  
Environmental Protection Specialist  
575-234-6230, 575-499-3378 (Cell)

Henryetta Price  
Environmental Protection Specialist  
575-234-5951, 575-706-2780 (Cell)

Shelly Tucker  
Environmental Protection Specialist  
575-234-5905, 575-361-0084 (Cell)