

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

Print Reset

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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.  
NM054184  
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well  
 Oil Well  Gas Well  Other Configure for SWD

8. Well Name and No.  
Fireweed 10 Feb. #1 SWD

2. Name of Operator  
Ray Westall Oper. Inc.

9. API Well No.  
30-015-29165

3a. Address  
P.O. Box 4 Locofills, N.M. 88255

3b. Phone No. (include area code)  
575-677-2370

10. Field and Pool or Exploratory Area  
SWD; Wolfcamp, Canyon

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1870' FNL + 860' FEL Sec. 10, T18S, R29E

11. County or Parish, State  
Eddy County, 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 <u>Re-enter</u>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Convert to SWD</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal <u>OCD Approval SWD 1383</u>	

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 recomplete 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.)

See attached

SUBJECT TO LIKE  
APPROVAL BY STATE

RECEIVED  
DEC 06 2013  
NMOCD ARTESIA

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL  
Accepted for record  
NMOCD RE  
12/10/13

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Rene Hope Title Bookkeeper  
Signature Rene Hope Date 12/2/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Office \_\_\_\_\_

APPROVED  
DEC 5 2013  
1st Chris Walls  
BUREAU OF LAND MANAGEMENT  
CAPTSB&D 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 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)

## FIREWEED 10 FEDERAL # 1 SWD

RAY WESTALL OPERATING, INC. PLANS TO RE-ENTER AND WORKOVER WELL.

3000 PSI B.O.P. WILL BE TESTED PRIOR TO DRILLING OUT SURFACE PLUG. (BLM WILL BE NOTIFIED TO WITNESS).

CEMENT PLUGS WILL BE DRILLED OUT.

C.I.T. WILL BE PREFORMED PRIOR TO DRILLING OUT C.I.B.P. SET AT 8547'.

IF CASING TESTS OKAY C.I.B.P. @ 8547' WILL BE DRILLED OUT.

C.I.B.P. @ 9250' WILL NOT BE DRILLED OUT.

WILL TAG AND VERIFY T.O.C AND PLUG SETTING.

### NOTE:

MET WITH CHRIS WALL @ BLM OFFICE ON 12/02/13 TO DISCUSS ABOVE ITEMS, WAS ADVISED TO SUBMIT SUNDRY FOR CHANGES ON THIS WORKOVER.

ANTICIPATED START DATE WILL BE WITHIN THE NEXT WEEK.

## CONDITIONS OF APPROVAL

OPERATOR'S NAME:	RAY WESTALL OPERATING, INC
LEASE NO.:	NM054184
WELL NAME & NO.:	1-FIREWEED 10 FEDERAL SWD
SURFACE HOLE FOOTAGE:	1870' FNL & 860' FEL
LOCATION:	Section 10, T. 18 S., R 28 E., NMPM
COUNTY:	Eddy County, New Mexico

### I. DRILLING—RE-ENTRY

#### A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 24 hours in advance for a representative to witness:

- a. Spudding well
- b. CIT test
- c. BOPE tests

**Eddy County**

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,  
(575) 361-2822

1. **Hydrogen Sulfide has been reported as a hazard in formations deeper than the proposed depth. It is recommended that monitoring equipment be onsite for potential Hydrogen Sulfide. If Hydrogen Sulfide is encountered, please report measurements and formations to the BLM.**
2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval. **If the drilling rig is removed without approval – an Incident of Non-Compliance will be written and will be a “Major” violation. This will also be applicable if an un-cemented completion liner is run and a liner top seal, or equivalent, has not been established before the rig move.**
3. **The record of the drilling rate along with the GR/N well log run from TD of the vertical portion of hole to surface shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.**

## **B. CASING**

1. The **13-3/8** inch surface casing was set at 574' with cement circulated to surface.
2. The **9-5/8** inch intermediate casing was set at 2834' with cement circulated to surface.
3. The **7** inch production casing was set at 10044' with cement top recorded at 3500' by Temp survey.

**A CIT is to be performed on the 7 inch casing per Onshore Oil and Gas Order 2.III.B.1.h prior to drilling the plug at 8547'. Test pressure to be 1539 psi.**

4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

## **C. PRESSURE CONTROL**

1. **3000 (3M)** psi workover BOP to be used with pulling unit. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram.
  - a. BOP shall be tested prior to drilling surface plug.
  - b. All tests are required to be recorded on a calibrated test chart. **A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**
  - c. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

## **D. WASTE MATERIAL AND FLUIDS**

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion 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 fracturing operations or any other crew-intensive operations.

**CRW 120513**