

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <b>30-015-25015</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <b>SWD</b>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>Ray Westall Operating, Inc.</b>		6. State Oil & Gas Lease No. <b>002258</b>
3. Address of Operator <b>P.O. Box 4 Loco Hills, NM 88255</b>		7. Lease Name or Unit Agreement Name <b>Two Forks State</b>
4. Well Location Unit Letter <b>I</b> : <b>1600'</b> feet from the <b>South</b> line and <b>660'</b> feet from the <b>East</b> line Section <b>2</b> Township <b>18S</b> Range <b>28E</b> NMPM County <b>Eddy</b>		8. Well Number <b>002</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <b>119305</b>
		10. Pool name or Wildcat

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:  
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:  
REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: **Convert to SWD** ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**CDD Administrative Order - SWD 1452**  
**See attached information**



Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE **Rene Hope** TITLE **Bookkeeper** DATE **2/17/14**

Type or print name **Rene Hope** E-mail address: **hope\_rene5@yahoo** PHONE: **575-677-**  
**For State Use Only**

APPROVED BY: **Renee Nae** TITLE **Compliance Officer** DATE **2/28/14**  
Conditions of Approval (if any):

TWO FORKS STATE # 2 – SWD  
1600' FSL & 660' FEL, UL- I, SEC - 2, TWP - 18S, RNG - 28E  
EDDY COUNTY, NEW MEXICO  
API # 30-015-25015  
OCD ADMINISTRATIVE ORDR – SWD 1452

RE-ENTRY, SWD CONVERSION  
WOLFCAMP, CISCO, CANYON, AND STRAWN FORMATIONS

**\*Note\***

See attached SWD Order No. 1452. Notify OCD 24 hours in advance of performing M.I.T so that it may be witnessed.

**PROCEDURE:**

1. MIRU WSU, REVERSE UNIT AND ASSOCIATED EQUIPMENT. INSTALL B.O.P. RIH WITH BIT AND DRILL COLLARS TO DRILL OUT CEMENT PLUGS TO 5 ½" CSG STUB @ 2950'
2. AS THE 5 ½" CSG WAS CUT AND PULLED DURING PLUGGING OPERATIONS, RAY WESTALL OPERATING, INC. WILL RUN 5 ½" CSG AND ATTACH TO THE STUB @ 2950' WITH AN OVERSHOT SEAL AND CSG PATCH.
3. THE NEW CSG WILL BE CEMENTED W/ 600 SXS" CLASS C" CEMENT PLUS EXCESS TO CIRCULATE.
4. CONTINUE TO DRILL CEMENT PLUGS TO APPROXIMATELY 10,000'. CIRCULATE HOLE CLEAN. SET C.I.B.P. @ 10,000'. CAP WITH 30' CEMENT.
5. PERFORATE THE WOLFCAMP, CISCO, CANYON AND STRAWN FORMATIONS AT DEPTHS BELOW:  
✓ 7896' – 7922', 8070' – 8103', 8163' – 8176', 8251' – 8243', 8451' – 8467',  
8882' – 8901', 9002' – 9008', 9094' – 9110', 9136' – 9154', 9180' – 9250',  
9368' – 9398', 9787' – 9806'. ✓
6. TREAT PERFORATIONS WITH 20% HCL ACID, NO ADDITIVES OTHER THAN CORROSION INHIBITOR. LAY DOWN WORK STRING.
7. RIH WITH NICKEL PLATED 5 ½" PACKER ON 2 7/8" SALTA LINED TBG TO ✓7800' (+,-). PUMP INERT PACKER FLUID BETWEEN ANULUS OF TBG AND 5 ½" CSG. PREP TO RUN M.I.T. TEST AND NOTIFY OCD TO WITNESS 24 HOURS IN ADVANCE.
8. BUILD INJECTION FACILITY AND START WATER DISPOSAL.

State of New Mexico  
Energy, Minerals and Natural Resources Department

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**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary-Designate

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Jami Bailey, Division Director**  
Oil Conservation Division



Administrative Order SWD-1452  
December 17, 2013

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Pursuant to the provisions of 19.15.26.8B. NMAC, Ray Westall Operating, Inc. (the "operator") seeks an administrative order to re-enter and complete the Two Forks State Well No. 2 with a location of 1600 feet from the South line and 660 feet from the East line, Unit letter I of Section 2, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, for commercial produced water disposal purposes.

**THE DIVISION DIRECTOR FINDS THAT:**

The application has been duly filed under the provisions of 19.15.26.8B. NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

**IT IS THEREFORE ORDERED THAT:**

The applicant, Ray Westall Operating, Inc. (OGRID 119305), is hereby authorized to utilize its proposed Two Forks State Well No. 2 (API 30-015-25015) with a location of 1600 feet from the South line and 660 feet from the East line, Unit letter I of Section 2, Township 18 South, Range 28 East, NMPM, Eddy County, for commercial disposal of oil field produced water (UIC Class II only) into the Wolfcamp, Cisco, Canyon and Strawn formations through perforations from approximately **7085 feet** to 10008 feet. Injection will occur through internally-coated, 2 3/8-inch tubing and a packer set within **100 feet** of the permitted interval (no shallower than 6985 feet).

The operator will provide the Division district II office and the Bureau's Santa Fe office with a final completion diagram showing the perforation configuration with corresponding formation.

If the injection interval is reduced and the Strawn formation or any of the shallower formations are not perforated for injection, the cast-iron bridge plug and cement cap shall be moved up in the casing and installed within 200 feet of the deepest perforation of the final completion.

Additionally, the operator shall run an injection profile survey of the Two Forks State

Well No. 2 within one year of commencing injection and a survey every five years thereafter that the well operates under this order. A copy of this survey shall be attached to a sundry notice and submitted to Division district II office and the Bureau's Santa Fe office.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the approved disposal interval and is not permitted to escape to other formations or onto the surface. This includes the well construction proposed and described in the application.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to **no more than 1410 psig**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test.

The operator shall notify the supervisor of the Division's district II office of the date and time of the installation of disposal equipment and of any MIT so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's district II office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.


The injection authority granted under this order is not transferable except upon division approval. The Division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The Division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two (2) years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.

  
JAMIL BAILEY  
Director

JB/prg

cc: Oil Conservation Division – Artesia District Office  
State Land Office – Oil, Gas and Minerals Division