N.M. Oil Cons. Division 1625 N. French Dr.

Hobbs, NM 88240 |

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.    Submit in triplicate   Content of the proposals	Agreement Designation  No.  A FEDERAL  374/  or Exploratory Area  SE DELATINGS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals  SUBMIT IN TRIPLICATE  7. If Unit or CA  SUBMIT IN TRIPLICATE  1. Type of Well  Oil  Well	Agreement Designation  No.  A FEDERAL  OF Exploratory Area  SE DELAWARE  th, State
SUBMIT IN TRIPLICATE  7. If Unit or CA  SUBMIT IN TRIPLICATE  8. Well Name and  SUBMIT IN TRIPLICATE  9. API Well No.  10. Field and Pool  10. Field and Pool  11. County or Par  SUBMIT IN TRIPLICATE  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  SUBMIT IN TRIPLICATE  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  11. County or Par  SUBMIT IN TRIPLICATE  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  11. County or Par  SUBMIT IN TRIPLICATE  12. CHECK APPROPRIATE  13. Describe Proposed or Completed Operations (Clearly State all pertinent details, and give pertinent dates, including estimated date of starting an	Agreement Designation  No.  A FEDERAL  374/  or Exploratory Area  SE DELAWRE  th, State
SUBMIT IN TRIPLICATE  7. If Unit or CA  SUBMIT IN TRIPLICATE  7. If Unit or CA  8. Well Name and  8. Well Name and  9. API Well No.  9. O. BOX 4, Loco Hills, NM 88255, (505) 677-2370  10. Field and Pool  11. County or Par  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Now Constr  Plugging Back Cating Repair Altering Casing Other  Change of F.  Now Constr  Now Const	No.  BA FEDERAL E  B 374/  or Exploratory Area  SE DELIMINE  th, State
1. Type of Well   Oil   Gas   Well   Other	No.  BA FEDERAL E  B 374/  or Exploratory Area  SE DELIMINE  th, State
1. Type of Well    Oil   Well   Other	No.  BA FEDERAL E  B 374/  or Exploratory Area  SE DELIMINE  th, State
Oil Well Gas Well Cother  2. Name of Operator  Ray Westall  3. Address and Telephone No.  P. O. Box 4, Loco Hills, NM 88255, (505) 677-2370  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  660 FSC f 2160 FEC  SECTION 13, TIPS-R32E  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Abandonment  Casing Repair  Altering Casing Other  Other  Dispose We (Now: Reportesion)  Dispose We (Now: Reportesion)  Other  Dispose We (Now: Reportesion)  Dispose We (Now: Reportesion)  Affer 15 Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. I MATER 15 PRODUCED FROM THE DECAMARE FORMATION  13. ATTER ANALYSIS: S6 1-165 @ 770-F PH 6-50, RO-015 Ohm 12 75-F, CI  SULFATE 343 PPM, TOTAL HARDNESS 111,655 PPM, TOTAL DISS OLUBA SOLUBA SOLUB	374/ or Exploratory Area SE DELAWARE th, State
Ray Westall  3. Address and Telephone No. P. O. Box 4, Loco Hills, NM 88255, (505) 677-2370  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  6. O. Box 4, Location of Well (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  6. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  7. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  7. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  7. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  7. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  8. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  8. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  8. CPAP 4 Model (Footage, Sec., T., R., M., or Survey Description)  9. Alteria Survey Description (	374/ or Exploratory Area SE DELAWARE th, State
3. Address and Telephone No. P. O. BOX 4, LOCO Hills, NM 88255, (505) 677-2370  4. Lication of Well (Fooiage, Sec., T., R., M., or Survey Description)  660 FSL f 2160 FEL  SECTION 13, TI95-R32E  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Abandonment  Recompletion  Plugging Back Casing Repair Altering Casing Other  Conversion  Altering Casing Other  Other  Dispose We (Note Report response)  (Note Report response)  Notice of Intent  Recompletion  Plugging Back Conversion  Other  Dispose We (Note Report response)  Non-Routine Conversion  Dispose We (Note Report response)  Note Construction  Altering Casing Conversion  Dispose We (Note Report response)  Note Construction  Altering Casing Conversion  Dispose We (Note Report response)  Note Construction  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Non-Routine Non-Routi	374/ or Exploratory Area SE DELAWARE
3. Address and Telephone No. P. O. BOX 4, LOCO Hills, NM 88255, (505) 677-2370  4. Lication of Well (Fooiage, Sec., T., R., M., or Survey Description)  660 FSL f 2160 FEL  SECTION 13, TI95-R32E  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Abandonment  Recompletion  Plugging Back Casing Repair Altering Casing Other  Conversion  Altering Casing Other  Other  Dispose We (Note Report response)  (Note Report response)  Notice of Intent  Recompletion  Plugging Back Conversion  Other  Dispose We (Note Report response)  Non-Routine Conversion  Dispose We (Note Report response)  Note Construction  Altering Casing Conversion  Dispose We (Note Report response)  Note Construction  Altering Casing Conversion  Dispose We (Note Report response)  Note Construction  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Non-Routine Water Shut- Conversion  Dispose We (Note Report response)  Non-Routine Water Shut- Conversion  Non-Routine Non-Routi	374/ or Exploratory Area SE DELAWARE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  660 FSC & 2160 FEC  SECTION 13 TIGS-R32E  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Final Abandonment Notice  Time and provided Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. I MATER 15 PRODUCED FROM THE DECAMARE FORMATION  THATER 15 STUREO IN A 250 BBC OPENTAL WEITER FORMATION FOR THE POTAL DISS OLUED SOLIOS 493,907  ATER 15 STUREO IN A 250 BBC OPENTAL WEITER FORMATION FOR THE POTAL DISS OLUED SOLIOS 493,907	or Exploratory Area  SE DELMANCE  th, State
SECTION 13 TIPS-R32E  LEA  II. County or Par  II. County or Pa	SE DELAWARE
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Tiple of Action  Non-Routing  Casing Repair  Altering Casing  Other  Other  Dispose We (Note Report report of Submission of Submission of Recompletion of Recomplet	in, State
SECTION 13 T195-R32E  CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  Notice of Intent  Notice of Intent  Subsequent Report  Final Abandonment Notice  Dispose With Subsequent Report  Final Abandonment Notice  Dispose With Subsequent Report  Recompletion  Casing Repair  Water Shuttening Casing  Other  Other  Dispose With Report reports and measured and true vertical depths for all markers and zones pertinent to this work.)*  DATER 15 PRODUCED FROM THE DECAWARE FORMATION  SULFATE 343 PAM TUTAL HARDNESS III, 655 PAM, POTAL DISSOLUED SOLIDS 493,907  ATER 15 STUREO IN A 250 BBL OPENTAL NETTED FLORED.	
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHE  TYPE OF SUBMISSION  Notice of Intent  Notice of Intent  Subsequent Report  Final Abandonment Notice  Tinal Abandonment Notice  Abandonment  Recompletion  Plugging Back  Casing Repair  Altering Casing  Other  Other  Non-Routine  Abandonment  Non-Routine  Water Shuttener  Conversion  Other  Notice Report result  Completion or Recompleted Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. In the Report result  (Note: Report result  Completion or Recompleted Operations and measured and true vertical depths for all markers and zones pertinent to this work.)*  INTER IS PRODUCED FROM THE DECAMARE FURNATION  SESS THAN ONE ISEL PER DAY  INTER ANALYSIS: SG 1.165 @ 77° F PH 6.50, RO.0IS Ohms@ 75° F, C1  SULFATE 343 POM, TUTAL HAR ONESS III, 655 PPM, FOTAL DISSOLUED SOLIDS 493,907  ATER IS STUREO IN A 250 BBC OPENTAL INFITTED FLETTED FLETTED.	1/1 111
TYPE OF SUBMISSION    Notice of Intent	YEW INEXECT
TYPE OF SUBMISSION  Notice of Intent  Notice of Intent  Notice of Intent  Subsequent Report  Final Abandonment Notice  Non-Routine  Casing Repair  Altering Casing  Other  Non-Routine  Conversion  Other  Dispose Wa (Note: Report result  Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. In the Intent of this work.)  ATER IS PRODUCED FROM THE DECAMARE FORMATION  ATER ANALYSIS! SG 1.165 R 77° F PH 6.50, RO.015 Ohms R. 75° F, C. 1.  SULFATE 343 POM, TUTAL HARDNESS III, 655 PPM, TOTAL DISSOLUED SOCIOS 493,907  ATER IS STUREO IN A 250 BBC OPENTAL NETTED FLET	R DATA
Notice of Intent	
Recompletion  Subsequent Report  Plugging Back  Casing Repair  Altering Casing  Other  Other  Dispose Wa  (Note: Report result  Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. I  After 15 Produced From the Decamber Furnation  The Decamber Furnation  After ANALYSIS! SG 1.165 R 77° F PH 6.50, RO.015 Ohms R. 75° F, CI  Sulfate 343 Pom, Tutal Hardness III, 655 ppm, Furnation  After 15 Stureo IN A 250 BBC OPENTAL NETTED Fire Page 1	
Subsequent Report    Plugging Back   Non-Routine   Non-Routine   Water Shut-Casing Repair   Altering Casing   Conversion   Other   Dispose Water Shut-Conversion   Other   Oth	4.5
Casing Repair  Altering Casing Other	
Altering Casing Other Ot	
Dispose Wa (Note: Report result Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. I DECAWARE FORMATION  INTER IS PRODUCED FROM THE DECAWARE FORMATION  ESS THAN ONE BOL PER DAY  INTER ANALYSIS! SG 1.165 E 77° F PH 6.50, RO.015 Ohms C 75° F, CI  SULFATE 343 POM, TUTAL HARDNESS III, 655 PPM, TOTAL DISSOLUED SOLIDS 493,907  INTER IS STURED IN A 250 BBL OPENTAL NETTER ELECT	4.4% (C1.64)
(Note: Report result Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.)  INTER IS PRODUCED FROM THE DECAMARE FORMATION  ESS THAN ONE 1366 PER DAY  INTER ANALYSIS! SG 1.165 C 77° F PH 6.50, RO.015 Ohms C 75° F, CI  SULFATE 343 POM, TUTAL HARDNESS III, 655 PPM, TOTAL DISSOLUED SOLIDS 493,907  INTER IS STURED IN A 250 BBC OPENTAL NETTER EVEN	3/4/4/4
give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  IATER IS PRODUCED FROM THE DECAMARE FORMATION  ESS THAN ONE 1366 PER DAY  IATER ANALYSIS! SG 1.165 @ 77° F DH 6.50, RO.015 Ohms @ 75° F, CI  SULFATE 343 POM, TUTAL HARDNESS III, 655 PPM, TOTAL DISSOLUED SOLIDS 493,907  ATER IS STURED IN A 250 BBC OPENTAL NETTER ELECT	of multiple completion on Well
ATER IS PRODUCED FROM THE DECAMARE FORMATION  ESS THAN ONE BOL PER DAY  IATER ANALYSIS! SG 1.165 @ 77° F PH 6.50, RO.015 Ohms@ 75° F, CI  SULFATE 343 POM, TUTAL HARDNESS III,655 PPM, FORMATER IS STURED IN A 250 BBL OPENTOR NETTER ELECT	well is directionally drilled
SULFATE 343 PAM, TUTAL HARDNESS III, 655 PAM, TUTAL DISSOLUED SOLIDS 493,907	
ATER ANALYSIS! SG 1.165 @ 77° F PH 6.50, RO.015 Ohms@ 75° F, CI.  SULFATE 343 POM, TUTAL HARDNESS III, 655 PPM, FORTH  TOTAL DISSOLUED SOLIDS 493,907  ATER IS STURED IN A 250 BBL OPENTOR NETTER ELEC-	
TOTAL DISSOLUED SOLIDS 493,907 ATER IS STURED IN A 250 BBL OPENTOR NETTER ELECT	4 6 7 7 7
TOTAL DISSOLUED SOLIDS 493,907 ATER IS STURED IN A 250 BBL OPENTOR NETTER ELECT	40,289.00
"LER IS STORED IN A 250 BBL OPENTOR NETTER ELECT	Water Till
"LEA IS STORED IN A 250 BBC OPENTOR NETTER ELECT	
ATER IS MOULD OFF LEASE WA 3" SDRT DALL ! FIBERGLASS TANK	
SDR7 DALU /	
TIME CONTRACTOR	->3 9 3 · · ·
SPOSAL FACILITY:	
KAY WESTALL	
LUSK FEDERAL DISPOSAL #1	
3WP #1	
NW NW SECTION 7	
T195 R33 E	
NMOCD SWO -634 (ATTACHED)	
4. I hereby certify that the foregoing tive and correct	
Signyo Title TEACHEST	
(This space for Federal or State office use)	
Approved by OPIC SGD. DAVID & GLAGS Tide TROLEUM ENGINEER Date JAN	12/80

the Gary And Research Ifully to make to any department or agency of the United States any faise, fictitious or fraudulent statements

ADMINISTRATIVE ORDER SWD-634

APPLICATION OF RAY WESTALL OPERATING, INC. FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO.

## ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Ray Westall Operating, Inc. made application to the New Mexico Oil Conservation Division on May 28, 1996, for permission to complete for salt water disposal its Lusk Disposal Well No.1 located 660 feet from the North line and 660 feet from the West line (Unit D) of Section 7, Township 19 South, Range 33 East, NMPM, Lea County, New Mexico.

## THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
  - (4) No objections have been received within the waiting period prescribed by said rule.

## IT IS THEREFORE ORDERED THAT:

The applicant herein, Ray Westall Operating, Inc. is hereby authorized to complete its Lusk Disposal Well No.1 located 660 feet from the North line and 660 feet from the West line (Unit D) of Section 7, Township 19 South, Range 33 East, NMPM, Lea County, New Mexico, in such manner as to permit the injection of salt water for disposal purposes into the Yates, Seven Rivers and Queen formations at approximately 3586 feet to 4427 through 2 7/8-inch plastic-lined tubing set in a packer located at approximately 3486 feet.

## IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 717 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Yates, Seven Rivers and Queen formations. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for the entry of such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on this 16th day of July, 1996.

WILLIAM J. LEMAY, Director

WJL/BES

xc: Oil Conservation Division - Hobbs