	RE	CEIVED			
	UNITED STATES UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT NOTICES AND REPORTS ON	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 5. Lease Serial No. NM-27805 6. If Indian, Allottee or Tribe Name			
Do not use i	this form for proposals to drill or to vell. Use Form 3160-3 (APD) for suc				
SUBMIT IN TR	RIPLICATE- Other instructions on	reverse side.	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well ↓ Oil Well	Gas Well Other	8. Well Name and No /			
2. Name of Operator Strata Prod	uction Company	0. Weil Name and Nu   Lechuza Federal   9. API Well No.   IIII   3003531495   10. Field and Pool, or Exploratory Area Living Stor   Delaware   East   Pidge   11. County or Parish, State   Lea County			
3a Address PO Box 1030, Roswell, NM 88	3b. Phone No.				
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Description)				
S15-T22S-R32E 862' FSL	& 458' FWL				
12. CHECK A	PPROPRIATE BOX(ES) TO INDICATE N	ATURE OF NOTICE,	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION					
Notice of Intent	Acidize Deepen Alter Casing Fracture Trea	t Production (Si	Well Integrity		
Subsequent Report	Casing Repair New Construction	· · · · ·	bandon		
Final Abandonment Notice	Convert to Injection Plug Back	Water Disposal			
following completion of the in		le completion or recompletion	in a new interval, a Form 3160-4 shall be filed once		
			FEB 2 6 2010 /s/ JD Whitlock Jr		
	SUBJECT TO APPROVAL	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE			
14. Thereby certify that the fore		DISIAID			
Name (Printed/Typed) Jepmfer Zapata		itle Production Analyst			
Signature Joen			)2/04/2010		
	THIS SPACE FOR FEDERAL C	R STATE OFFICE	USE		
certify that the applicant holds lega	attached. Approval of this notice does not warrant of l or equitable title to those rights in the subject lease	r Inte	Date		
which would entitle the applicant to Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudul		son knowingly and willfully thin its jurisdiction.	to make to any department or agency of the United		
(Instructions on page 2)					

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# ATTACHMENT to Incident of Noncompliance # AJM-029-10

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The following information is needed before your disposal of produced water can be approved, per Onshore Oil & Gas Order #7.

You may attach this information to your Sundry Notice (3160-5). Submit all required information as per this attachment, submit a Sundry Notice(3160-5), one original and five copies to this office within the required time.

1. Name(s) of all formation(s) producing water on the lease. <u>Delaware</u>

2. Amount of water produced from all formations in barrels per day. 41 BWPD

- 3. A CURRENT water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates.
- 4. How water is stored on the lease. <u>Produced straight to disposal</u>. No water tanks on lease.
- 5. How water is moved to the disposal facility. <u>Transfered to water disposal via 3'</u>\_\_\_\_\_poly\_line.

6. Identify the Disposal Facility by:

Lechuza Federal #1

- A. Operators' Name Strata Production Company
- B. Well Name\_Gilmore Federal #1
- C. Well type and well number\_\_SWD
- D. Location by quarter/quarter, section, township, and range\_S21-T22S-R32E 1980 FSL & 660 FEL
- 7. A copy of the Underground Injection Control Permit issued for the injection well by the Environmental Protection Agency or New Mexico Oil Conservation Division where the State has achieved primacy.

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT



**OIL CONSERVATION DIVISIÓN** 

BRUCE KING GOVERNOR POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800 ADMINISTRATIVE ORDER NO. SWD-470

## APPLICATION OF STRATA PRODUCTION COMPANY

#### ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Strata Production Company made application to the New Mexico Oil Conservation Division on March 23, 1992, for permission to complete for salt water disposal its Gilmore Federal No. 1 located in Unit I of Section 21, Township 22 South, Range 32 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; and

(3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met.

(4) No objections have been received within the waiting period prescribed by said rule.

### **IT IS THEREFORE ORDERED THAT:**

(1) The applicant herein, Strata Production Company is hereby authorized to complete its Gilmore Federal No. 1 located in Unit I of Section 21, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Bell Canyon formation at approximately 4755 feet to approximately 5110 feet through 2 3/8 inch plastic lined tubing set in a packer located at approximately 4655 feet.

Administrative Order No. SWD-470 Strata Production Company April 8, 1992 Page 2

## IT IS FURTHER ORDERED THAT:

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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 951 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 Bell Canyon formation. 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. Administrative Order No. SWD-470 Strata Production Company April 8, 1992 Page 3

<u>PROVIDED FURTHER THAT</u>, jurisdiction of this cause is hereby retained by the Division for 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 706 and 1120 of the Division Rules and Regulations.

Approved at Santa Fe, New Mexico, on this 8th day of April, 1992.

STATE OF NEW MEXICO **OIL CONSERVATION DIVISION** WILLIAM J. LEM Director

SEAL

cc: Oil Conservation Division - Hobbs US Bureau of Land Management - Carlsbad

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Enviro-Chem, Inc



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WATER ANALYSIS REPORT

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il Co. : Strata Oil Co. Lease : Lechuza BII No.: # 1 alesman:

Sample Loc. : Date Analyzed: 22-September-1997 Date Sampled : 10-September-1997

#### ANALYSIS

1. 2. 3.	pH Specific Gr CaCO3 Satur	avity 60 ation In	5.0 /60 F. 1.1 dex @ 30 F. @ 140 F.	188 +Ø.788 5216	<i>\$17</i>					
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4 - 5 - 6 -										
Cations										
7. 9. 10.		(Ca <sup>++</sup> ) (Mg <sup>++</sup> ) (Na <sup>+</sup> ) (Ba <sup>++</sup> )	(Calculated)	26,382 4,364 71,802 Below 10	11	20.1 12.2 23.0	= 1,312 = 357 = 3,121.	700		
Ą	Aniona									
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16 17. 18. 19.	Total Disso Total Iron Total Hardni Resistivity	(Fe)	.ds aCO₃ (Calculated)	272,748 20 83,851 0.001 /cm	/	18.2	= 1.	10		
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his water is moderately corrosive due to the pH observed on analysis.

NaHCC3

NaSO4

NaC1

84.00

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53,46

\*Milli Equivalents per Lifer