

Form 3160-5
(July 1989)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OFFICE FOR MARI
OF COPIES REQUIRED
(Other instructions on re-
verse side)

RLM Roswell District
Modified Form No.
NM-27805

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—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3a. Area Code & Phone No. 505-622-1127		5. LEASE DESIGNATION AND SERIAL NO. NM-27805	
2. NAME OF OPERATOR Strata Production Company				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1030, Roswell, New Mexico 88202-1030				7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface unit N 660' FSL & 1650' FWL				8. FARM OR LEASE NAME Lechuza Federal	
				9. WELL NO. #4	
				10. FIELD AND POOL, OR WILDCAT Livingston Ridge Delaware East	
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 15-22S-32E	
14. PERMIT NO. 30-025-31800 ✓		15. ELEVATIONS (Show whether DF, RT, CR, etc.) 3703' GL		12. COUNTY OR PARISH Lea	
				13. STATE NM	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) NTL-2B <input checked="" type="checkbox"/>	
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

In response to your letter dated February 4, 1993 regarding the NTL-2B approval, please review the following:

- a) Produces from the Delaware formation.
- b) Produces approximately 136 bbls water per day.
- c) Water analysis attached.
- d) Produced water is moved via 3" poly pipe to the Gilmore Federal #1 SWD. Water is not stored on location.
- e) Gilmore Federal #1 SWD is operated by Strata Production Company and is located 1980' FSL & 660' FEL in Section 21, Township 22 South, Range 32 East, Lea County. SWD-470.
- f) No pits on location.
- g) SWD-470.

18. I hereby certify that the foregoing is true and correct

SIGNED Carol J. Garcia TITLE Production Supervisor DATE 3/12/93

(This space for Federal or State office use)

APPROVED BY Orig. Signed by Adam Salameh TITLE PETROLEUM ENGINEER DATE 4-19-93

CONDITIONS OF APPROVAL, IF ANY:
ATTACHED

*See Instructions on Reverse Side

Disposal of Produced Water From Federal Wells
Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. That this agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of NTL-2B.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks shall be covered with a wire screen to prevent entry by birds and other wildlife.
7. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
8. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.

HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

ARTESIA DISTRICT

LABORATORY REPORT

No. W89 & W90-93TO Strata ProductionDate February 24, 1993648 Petroleum BuildingRoswell, NM 88201

This report is the property of Halliburton Services and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Services.

Submitted by _____ Date Rec. February 23, 1993

Well No. _____ Depth _____ Formation _____

Field _____ County _____ Source _____

	<u>Lechuza #4</u>	<u>Cercion #4</u>
Resistivity	<u>0.051 @ 70°</u>	<u>0.060 @ 70°</u>
Specific Gravity ..	<u>1.196 @ 70°</u>	<u>1.124 @ 70°</u>
pH	<u>6.5</u>	<u>6.7</u>
Calcium	<u>18,044</u>	<u>18,738</u>
Magnesium	<u>5,052</u>	<u>4,210</u>
Chlorides	<u>176,000</u>	<u>110,000</u>
Sulfates	<u>600</u>	<u>1,200</u>
Bicarbonates	<u>244</u>	<u>305</u>
Soluble Iron	<u>100</u>	<u>500</u>
KCL	<u>1/2%</u>	<u>1/2%</u>
Depth	<u>7061' to 7672'</u>	<u>6836' to 6892'</u>
Nitrate	<u>0</u>	<u>0</u>

Remarks:


Respectfully submittedAnalyst: Eric Jacobson - Operations Engineer

HALLIBURTON SERVICES

NOTICE:

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