

Form 3160-4
(July 1994)
(Subsidiary 9-330)

N. M. OIL COMMISSION RATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED

BLM Roswell District
Modified Form No.
NM60-3160-3

(See other In-
structions on
reverse side)

APR 19 8 03 AM '93

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

2. NAME OF OPERATOR: Strata Production Company
3a. Area Code & Phone No.: 505-622-1127

3. ADDRESS OF OPERATOR: P. O. Box 1030, Roswell, New Mexico 88202-1030

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):

At surface: 660' FSL & 1650' FWL

At top prod. interval reported below

At total depth

9a. API Well No.: 30-025-31800
14. PERMIT NO.: _____ DATE ISSUED: _____

5. LEASE DESIGNATION AND SERIAL NO.

NM-27805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lechuza Federal

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT: East Livingston Ridge Delaware

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Section 15-22S-32E

12. COUNTY OR PARISH: Lea
13. STATE: NM

15. DATE SPUNDED: 12/29/92
16. DATE T.D. REACHED: 1/16/93
17. DATE COMPL. (Ready to prod.): 3/11/93
18. ELEVATIONS (OF. RKB, RT, GB, ETC.): 3703' GL
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 8830'
21. PLUG BACK T.D., MD & TVD: 8790' CIBP 8490'
22. IF MULTIPLE COMPL., HOW MANY: N/A
23. INTERVALS DRILLED BY: Grace
ROTARY TOOLS: _____ CABLE TOOLS: _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD and TVD):
7352'-7355'; 7237'-7282'; 7199'-7202';
7128'-7132'; 7006'-7018'; 6944'-6948' Delaware
25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL; DLL/MSFL; CBL
27. WAS WELL CURED: Sidewall

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
13 3/8"	H-40 48#	610'	17 1/2"	500 Class "C"	Circulated
8 5/8"	J-55 24#822#	4481'	12 1/4"	175 Class "C"; 725 Class "C"	Neat; Squeeze Circulated
5 1/2"	L-80 17#	8830'	7 7/8"	1400 550 50/50 Poz; 375 Class "C"	Tie back to Intermediate

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				2 7/8"	8450'	No

PERFORATION RECORD (Interval, size and number)				ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8519.5'-8520.5'	(12)	.42 holes-CIBP 8490'		8519.5'-8520.5'	750gal 7 1/2% NEFE
8512'-8521'	(7)	.42 holes-CIBP 8490'		8512'-8521'	750gal 7 1/2% NEFE
7352'-7355'	(7)	.42 holes		7352'-7355'	1250gal 7 1/2% NEFE
7237'-7282'	(8)	.42 holes		7237'-7282'	1250gal 7 1/2% NEFE
7199'-7202'	(7)	.42 holes See Att.			See Attachment

33. PRODUCTION
DATE FIRST PRODUCTION: 3/12/93
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Pumping
WELL STATUS (Producing or shut-in): Producing

DATE OF TEST: 3/15/93
HOURS TESTED: 24
CHOKE SIZE: -0-
PROD'N. FOR TEST PERIOD: 17
OIL—BBL.: 20
GAS—MCF.: 53
WATER—BBL.: 1176/1
GAS-OIL RATIO

FLOW, TUBING PRESS.: 25#
CASING PRESSURE: 25#
CALCULATED 24-HOUR RATE: 17
OIL—BBL.: 20
GAS—MCF.: 53
WATER—BBL.: 37.5
OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented

35. LIST OF ATTACHMENTS

Deviation Survey; CNL; DLL/MSFL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Carol J. Garcia

TITLE

Production

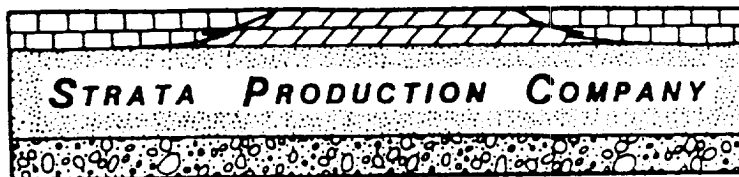
ACCEPTED FOR RECORD
BY
(OR G. SGD.) DAVID R. GLASS
APR 27 1993
DARLENE, NEW MEXICO

4/16/93

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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 reports, or knowingly to omit material and information which is required to be furnished to the United States by any such statement or report.

POST OFFICE DRAWER 1030
ROSWELL, NM 88202-1030



TELEPHONE (505) 622-1127
FACSIMILE (505) 623-3533

200 WEST FIRST STREET, ROSWELL PETROLEUM BUILDING, SUITE 700
ROSWELL, NEW MEXICO 88201

ATTACHMENT TO

FORM 3160-4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

LEASE NUMBER NM-27805

LECHUZA FEDERAL #4

SECTION 15-22S-32E

LEA COUNTY, NEW MEXICO

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE

7128'-7132' (9) .42 holes

7199'-7202' 1350 gal 7 1/2% NEFE;
Frac 6280# 16/30 RC-LC

7061'-7072' (12) .42 holes

7128'-7132' 600 gal 7 1/2% NEFE

7006'-7018' (14) .42 holes

7061'-7072' 750 gal 7 1/2% NEFE;
Squeeze

6944'-6948' (9) .42 holes

7006'-7018' 900 gal 7 1/2% NEFE

6944'-6948' 900 gal 7 1/2% NEFE

WELL NAME & NUMBER Leiza Fed. #4

LOCATION Sec. 15, T22S, R32E
 (Give Unit, Section, Township and Range)

OPERATOR Strata Production P.O. Box 1030 Roswell, N.M. 88202

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, Tx. 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
<u>200</u> <u>1.00</u>	<u>4967</u> <u>1.75</u>	_____	_____
<u>610</u> <u>0.75</u>	<u>5467</u> <u>1.00</u>	_____	_____
<u>1084</u> <u>1.25</u>	<u>6095</u> <u>1.00</u>	_____	_____
<u>1585</u> <u>1.00</u>	<u>6580</u> <u>1.00</u>	_____	_____
<u>2085</u> <u>1.00</u>	<u>7069</u> <u>0.75</u>	_____	_____
<u>2308</u> <u>1.50</u>	<u>7572</u> <u>1.75</u>	_____	_____
<u>2600</u> <u>1.75</u>	<u>7634</u> <u>1.75</u>	_____	_____
<u>2900</u> <u>2.25</u>	<u>8132</u> <u>1.75</u>	_____	_____
<u>3120</u> <u>2.25</u>	<u>8750</u> <u>2.25</u>	_____	_____
<u>3310</u> <u>1.00</u>	_____	_____	_____
<u>3500</u> <u>1.25</u>	_____	_____	_____
<u>3685</u> <u>1.75</u>	_____	_____	_____
<u>3884</u> <u>2.00</u>	_____	_____	_____
<u>4065</u> <u>1.50</u>	_____	_____	_____
<u>4280</u> <u>2.25</u>	_____	_____	_____

Drilling Contractor GRACE DRILLING COMPANY

By [Signature]
L. V. Bohannon, Drlg. Supt.

Subscribed and sworn to before me this 1 day of February, 19 93

Joann McMahon
 Notary Public

My Commission Expires _____

Ector County TX

RECEIVED
 FEB - 2 1993

