

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMBNO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

2005 JUN 7 PM 12 34
RECEIVED
070 FARMINGTON NM

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other _____

2. Name of Operator **Lance Oil & Gas Company, Inc.**

3. Address **P. O. Box 70, Kirtland, NM 87417**

3a. Phone No. (include area code)
505-598-5601

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **980' FNL & 1,420' FWL**
At top prod. interval reported below
At total depth **Same as above**

5. Lease Serial No.
NMNM - 101552

6. If Indian, Allottee or Tribe Name
N/A

7. Unit or CA Agreement Name and No.
N/A

8. Lease Name and Well No.
WF Federal 12 #1

9. AFI Well No.
30-045-32270

10. Field and Pool, or Exploratory
Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area **Sec 12, T30N - R14W**

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
11/11/2004

15. Date T.D. Reached
12/20/2004

16. Date Completed **04/15/2005**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5894' GL

18. Total Depth: MD **1,857' KB**
TVD

19. Plug Back T.D.: MD **1,808' KB**
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Compensated Neutron Log

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24.0 J-55	Surface	185'	Primary	135 sx C1 B	28.4	31' KB	
					1" Top Job	25 sx C1 B	5.3	Surface	
7-7/8	5-1/2"	15.5 J-55	Surface	1,844'	Lead	220 sx 65:35	76.8	Surface	
					Tail	95 sx 50:50	22.5		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	1,700' KB							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Fruitland Coal	1,611'	1,624'	1,618' - 24' and 1,611' KB	0.42"	3 SPF	Open
B) Upper Fruitland Coal	1,464'	1,556'	1,464' - 65' KB	0.42"	3 SPF	Open
C)			1,491' - 92' KB	0.42"	3 SPF	Open
D)			1,548' - 56' KB	0.42"	3 SPF	Open

26. Perforation Record

Depth Interval	Amount and Type of Material
1,611' - 1,624' KB	33,557 gals clean fluid & 56,000 lbs 16/30 Mesh Brady sand.
1,464' - 1,556' KB	44,185 gals clean fluid & 70,000 lbs 16/30 Mesh Brady sand.

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						Sundry of Tests to Follow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						SI:WOPL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

JUN 08 2005

FARMINGTON FIELD OFFICE
BY: *[Signature]*

NMOC

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Ojo Alamo Kirtland Fruitland Middle Fruitland Coal Basal Fruitland Coal Pictured Cliffs Sandstone Lewis Shale	Surface 362' 1039' 1546' 1608' 1627' 1792'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Thomas M. ErwinTitle Sr. Production Engineer

Signature

Thomas M. Erwin 6/03/05

Date

06/03/2005

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make 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 representations as to any matter within its jurisdiction.