

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 **830' FSL, 1130' FEL**  
At top prod. interval reported below  
At total depth **Same as above**

5. Lease Serial No.  
**NMNM- 99003**

6. If Indian, Allottee or Tribe Name  
**NA**

7. Unit or CA Agreement Name and No.  
**NA**

8. Lease Name and Well No.  
**WF Federal 30 #2**

9. AFI Well No.  
**30-045-31307**

10. Field and Pool, or Exploratory  
**Basin Fruitland Coal**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 30, T30N, R14W**

12. County or Parish  
**San Juan**

13. State  
**NM**

14. Date Spudded  
**02/21/2005**

15. Date T.D. Reached  
**02/25/2005**

16. Date Completed: **03/26/2005**  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**5470' GR**

18. Total Depth: MD **1135'**  
TVD

19. Plug Back T.D.: MD **1100'**  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**Density-Neutron and Induction e-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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11"	8-5/8"	J55 24#	Surface	132.8'		70 sx CI B	14.7 bbls	Surface	Circ. 5 bbls
7-7/8"	5-1/2"	15.5#J55	Surface	1121'		80 sx Type 3	36 bbls		
						70 sx Type 3	25 bbls	Surface	Circ. 16 bbls

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"	950'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Fruitland Coal	880'	896'	884-894"	0.41"	33 holes	Open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
884-894'	Pumped 11,705 gals of 13 vis SilverSlim LT Frac Fluid at an avg rate of 26.3 bpm & an avg WHTP of 1,705 psi. 9,377 gal of FR Water was pumped as Pad. HES pumped 186 sx of 16/30 Brady proppant (per densometer) wit a max BH proppant concentration of 3.1 lb/gal. Total fluid to recover is 513 bbls, a 44% pad was pumped. HES pressured out at 4,761 psi during the 3.0 ppg stage 2,292 lb of proppant were left in the wellbore.

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)

NMOC

ACCEPTED FOR RECORD

APR 13 2005

FARMINGTON FIELD OFFICE  
BY SB

## 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
<b>Fruitland Coal</b>	<b>880'</b>	<b>896'</b>		<b>Kirtland</b>	<b>Surface</b>
				<b>Fruitland</b>	<b>263'</b>
				<b>Middle Fruitland Coal (S9)</b>	<b>788'</b>
				<b>Basal Fruitland Coal (S8)</b>	<b>880'</b>
				<b>Pictured Cliffs Sandstone</b>	<b>919'</b>
				<b>Lewis Shale</b>	<b>1029'</b>

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) Jo BeckstedTitle Compliance AdministratorSignature Jo BeckstedDate 04/08/2005

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.