

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM-102886							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resv.		6. If Indian, Allottee or Tribe Name N/A							
Other _____		7. Unit or CA Agreement Name and No. NA							
2. Name of Operator Lance Oil & Gas Company, Inc.		8. Lease Name and Well No. WF Federal 11 #1							
3. Address P. O. Box 70, Kirtland, NM 87417		9. AFI Well No. 30-045-32268							
3a. Phone No. (include area code) 505-598-5601		10. Field and Pool, or Exploratory Harper Hill PC							
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface 1740' FNL & 607' FEL At top prod. interval reported below At total depth Same as above		11. Sec., T., R., M., on Block and Survey or Area Sec. 11-T30N-R14W							
14. Date Spudded 11/22/2004		15. Date T.D. Reached 12/01/2004							
16. Date Completed 12/13/2004		17. Elevations (DF, RKB, RT, GL)* 5942' GL							
18. Total Depth: MD 1850' TVD		19. Plug Back T.D.: MD 1730' 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	Shurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24# J-55	Surf	178'		140sx ClassB	29.5 bbls	Surface	Circ. 5 bbls
7-7/8"	5-1/2"	15.5#J55	Surf	1797'		410 sx 50/50	StdPos	Surface	Circ. 20 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"	1486'								
25. Producing Intervals									
Formation	Top	Bottom	26. Perforation Record						
A) Harper Hill PC	1672'	1686'	Perforated Interval		Size	No. Holes	Perf. Status		
B)			1683-1686', 1672-1674'		.41	7 holes	non phased		
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
1654-1686'		64,695 gals of Delta 140 Frac Fluid, 1365 sx of 20/40 Brady proppant. Total fluid recovered is 1607 bbls. A 38% pad was pumped, initial & final frac gradients were .78 psi/ft & .80 psi/ft. Maximum treat press was 2542 psi.							
1489-1583'		42,601 gals of Delta 140 Frac Fluid, 835 sx of 20/40 Brady proppant per weight slips. Total fluid recovered is 969 bbls. 425 pad was pumped, final frac gradient 1.3 psi/ft. Max treating press 2245 psi.							
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

JAN 05 2005

FARMINGTON FIELD OFFICE  
BY

NWMOCD

## 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
Fruitland Coal	1663'	1654'			
Fruitland Coal	1489'	1583'			
Pictured Cliffs	1610'	1686'			

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 Date 12/21/2004

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.