Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

2006 FEB 23 PM 2 45

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. Resvr.
Other

5. Lease Serial No. **14-20-603-2199**
6. (If Indian) Allottee or Tribe Name **Navajo**
7. Unit or CA Agreement Name and No. **30504**
8. Lease Name and Well No. **NV Navajo 22 #4**
9. AFI Well No. **30 - 045 - 31243**
10. Field and Pool, or Exploratory **B. Fruitland Coal/West Kutz PC**
11. Sec., T., R., M., on Block and Survey or Area **Sec 22, T29N-R14W**
12. County or Parish **San Juan** 13. State **NM**

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 **795' FSL & 985' FEL**
At top prod. interval reported below
At total depth **Same as above**

RECEIVED
MAR 2006
OIL CONS. DIV.
DIST. 3

14. Date Spudded **11/18/2005**
15. Date T.D. Reached **11/22/2005**
16. Date Completed **02/22/2006** ☐ D & A ☑ Ready to Prod.
17. Elevations (DF, RKB, RT, GL)* **5,655' GL**

18. Total Depth: MD **1,450' KB** TVD
19. Plug Back T.D.: MD **1403.5'** TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
HRI / GR, SDL / DSN / GR and CBL / GR

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
12-1/4"	8-5/8"	24.0 J-55	Surface	184'	Primary	90 PBR II	29 bbls	Surface	N / A
7-7/8"	5-1/2"	15.5 J-55	Surface	1,438'	Lead	50 Typ III	22.7 bbls	Surface 80'	N / A
					Tail	90 Typ III	32 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"	1,200' KB							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Basal Fruitland Coal S-8	1,144'	1,161' KB	1,144' - 1,150' KB	0.42"	4 SPF	Open
B)				1,155' - 1,161' KB	0.42"	4 SPF	Open
C)							
D)							

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

Depth Interval	Amount and Type of Material
1,144' - 1,161' KB	24,430 gals Delta 140 Cross-Linked Gel with SandWedge NT containing 75,500 lbs 16 / 30 Mesh Brady sand.

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
FEB 28 2006
FARMINGTON FIELD OFFICE
BY

NMOCD

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	**1,036' KB**
				Basal Fruitland Coal	**1,142'KB**
				Pictured Cliffs Sandstone	**1,160' KB**
				Lewis Shale	

32. Additional remarks (include plugging procedure):

33. Indicate which itmes 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. Erwin, P.E.** Title **Sr. Production Engineer**

Signature Thomas M. Erwin Date 2/22/06

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.