

N.M. Oil Cons. Div-Dist. 2  
UNITED STATES 1301 W. Grand Avenue  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT Artesia, NM 88210FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NM-693331a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
Yates Energy Corporation

8. Lease Name and Well No.

Lonesome Dove Federal #1

3. Address  
P. O. Box 2323, Roswell, NM 882023a. Phone No. (include area code)  
505-623-49359. API Well No.  
3001526072 S2

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 660' FLS &amp; 1810' FWL

At top prod. interval reported below same

At total depth same

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AUG 04 2004

ORR-ARTESIA

10. Field and Pool, or Exploratory  
(Cisco Canyon)11. Sec., T., R., M., on Block and T-23-S  
Survey or Area Sec. 26, R-23-E

12. County or Parish

Eddy

13. State

New Mexico

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

4302'

14. Date Spudded  
Recomplete  
3-24-0415. Date T.D. Reached  
Recomplete  
4-16-0416. Date Completed  
☐ D & A ☐ Ready to Prod.  
4-16-0418. Total Depth: MD 10,600'  
TVD19. Plug Back T.D.: MD 9950'  
TVD20. Depth Bridge Plug Set: MD 10,000'  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Original completion

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
17-1/2	13-3/8K	48		367		400 PP		Surface	
12-1/4	8-5/8K	32		2552.70		900HW 250 PP		Surface	
7-7/8	5-1/2N	11.6		10,592.90		1200 "H"		7446'	

## 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	8265.98	8262.63						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Canyon	8346	8372	8346-8354	3.375	27	open
B)			8370-8372	3.375	9	open
C) Cast Iron Bridge plug set at 10,000' with 50' cement on top. Plugged off Morrow						
D) Perforations 10,042 - 10,173'						

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8346-8372	250 gallons 15% Nefe Acid
	3000 gallons 15% HCL Acid
3530'	Set a cement retainer at 3530' K.B. Pumped 675 sacks Premium Plus
	Reversed out 10 sacks cement from tubing.

## 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
5/4/04	7/11/04	24	→	11	600	5	59.6	1.015	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
24/64	600	600	→	11	600	5	5455/1	Shut in	

## 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 reverse side)

ACCEPTED FOR RECORD

AUG - 2 2004

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

## 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
With original completion.					

## 32. Additional remarks (include plugging procedure):

Repaired casing leak: Cement retainer set at 3530' K.B.  
Pumped 675 sacks Premium Plus cement. Reversed out 10 sacks cement from tubing.

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)    2. Geologic Report    3. DST Report    4. Directional Survey  
5. Sundry Notice for plugging and cement verification    6. Core Analysis    7. 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) Sheryl L. Jonas Title Agent for Yates Energy Corp.

Signature

Sheryl L. Jonas

Date

7/28/04

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.