

UNITED STATES N.M. Oil Cons. Divisor.  
DEPARTMENT OF THE INTERIOR 1625 N. French Dr.  
BUREAU OF LAND MANAGEMENT Hobbs, NM 88240

## WELL COMPLETION OR RECOMPLETION LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

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

2. Name of Operator  
Echo Production, Inc.

3. Address  
PO Box 1210, Graham, TX 76450

3a. Phone No. (include area code)  
(940) 549-3292

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 1650' FSL & 1980' FEL Sec 27 T23S R32E

At top prod. interval reported below same

At total depth same

14. Date Spudded  
2/28/01

15. Date T.D. Reached  
3/13/01

16. Date Completed  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3679 KB

18. Total Depth: MD 8990  
TVD 8990

19. Plug Back T.D.: MD 8928  
TVD 8928

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Schlumberger "Platform Express" & CMR GRC/CBL

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 3/8" H	48	0	618	-	560 POZ&C	169	surface	0
11	8 5/8" J	32	0	4870	-	1375 POZ&C	475	surface	0
7 7/8	5 1/2" N&J	17	0	8990	-	500 POZ	118	6160	0

## 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 7/8"	7721	none						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	8900	8912	8900-8912	.32	26	open
B) Delaware	7864	8600	7864-72', 8576-8600	.32	68	open
C)						
D)						

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

Depth Interval	Amount and Type of Material
8900-12	Acidz 500 gal Frac 14250 gal & 28500#
7864-72	Acidz 750 gal Frac 10000 gal & 23000#
8576-600	Acidz 1250 gal Frac 17000 gal & 43000#

## 28. Production - Interval A &amp; B together

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/6/01	6/19/01	24	→	17	TSIM	187			pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

## 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
5/11/01	5/17/01	24	→	17	TSIM	200			pump
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  
(ORIG. SGD.) DAVID R. GLASS  
FEB 10 2003DAVID R. GLASS  
PETROLEUM ENGINEERHobbs  
OCD

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2003 FEB 10 AM 10:06

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ROSWELL OFFICE

## 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
Rustler	1220				
Base Salt	4600				
Lamar	4840				
Bell Canyon	4870				
Cherry Canyon	5972				
Brushy Canyon	7436				
Bone Springs	8777				
<div style="text-align: right;"> <b>ELF</b> <u>3/2/03</u>  <b>ABOVE DATE DOES NOT</b>  <b>INDICATE WHEN</b>  <b>CONFIDENTIAL LOGS</b>  <b>WILL BE RELEASED</b> </div>					

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

## 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) Tom Golden

Title Operations Manager

Signature Tom Golden

Date

2/6/03

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.

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