

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM106916							
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. Resvr., Other _____		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Echo Production, Inc.		7. Unit or CA Agreement Name and No.							
3. Address PO Box 1210, Graham, TX 76450		8. Lease Name and Well No. E. Livingston 31 Federal #2							
3a. Phone No. (include area code) (940) 549-3292		9. API Well No. 30-025-363810051							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1980' FNL & 330' FEL, Sec 31-22S-32E At top prod. interval reported below same At total depth same		10. Field and Pool, or Exploratory Livingston Ridge; Delaware							
14. Date Spudded 12/28/03		11. Sec., T., R., M., on Block and Survey or Area 31-22S-32E							
15. Date T.D. Reached 1/14/04		12. County or Parish Lea							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 3/18/04		13. State NM							
17. Elevations (DF, RKB, RT, GL)* 3527 GL									
18. Total Depth: MD 8792' TVD 8792'		19. Plug Back T.D.: MD 8715' TVD 8715'							
20. Depth Bridge Plug Set: MD TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Platform Express, GRC/CBL		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 checked="" type="checkbox"/> No <input 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8 H-90	48	0	810		850 sx C & Poz	238	0'-circ	0
11"	8 5/8 J-55	32	0	4550		1450 sx C & Poz	523	0'-circ	0
	5 1/2 N-80	17	0	8786		700 sx Poz H	168	5520'-CBL	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"	6885								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Delaware	6916	8421	6916-8421	.42	67	open			
B)									
C)									
D)									
26. Perforation Record									
Depth Interval	Amount and Type of Material								
6916-7120	Acdz w/3000 gal, frac 41194 gals & 106395#								
8360-8384	Acdz w/1000 gal, frac 28097 gals & 71149#								
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
28. Production - Interval A All sets together									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2/2/04	3/18/04	24	→	299	205	434	42°	.881	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	50	50	→	299	205	434	685/1	Producing	
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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

DAVID R. GLASS
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.)

sold (waiting on pipeline)

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
Bell Canyon	4630	5630	water	Lamar	4590'
Cherry Canyon	6916	6946	Oil, Gas & water	Bell Canyon	4630
Cherry Canyon	7011	7078	Oil, Gas & water	Cherry Canyon	5630
Brushy Canyon	7115	7132	Oil, Gas & water	Brushy Canyon	7094'
Brushy Canyon	8268	8422	Oil, Gas & water	Bone Spring	8471'

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

3/25/04

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.

RECEIVED