

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

AUG 02 2007

FORM 3160-4  
OMB NO. 1004-0157  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 764503a. Phone No. (include area code)  
(940) 549-3292

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

At surface 660' FSL &amp; 660' FEL Sec 21 T20S R25E

At top prod. interval reported below

At total depth

14. Date Spudded  
9/30/0615. Date TD Reached  
10/29/0616. Date Completed 3/5/07  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
RKB 3506'18. Total Depth MD 9803'  
TVD19. Plug Back T.D.: MD 9755'  
TVD20. Depth Bridge Plug Set MD  
N/A TVD

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

Electric, Porosity

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 J55	32	surf.	1521 RKB	---	1000 C	313	surf.	
7 7/8	5 1/2 N80	17	surf.	9802	---	1410 C	473	surf.	

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	9479	9479						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW			9526-31'	0.37"	6	Prod.
B)			9578-82'	"	5	"
C)			9590-99'	"	10	"
D)			9637-46'	"	10	"

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

Depth Interval	Amount and Type of Material
9526-9646	A/3000 gals 15% HCl. Frac w/ 64 Kgals 70 Q Foam w/ 52 K#'s 20/40

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
3/5/07	3/11/07	24	→	0	1092	16	---	.61	Flow
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
			→						
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

JUL 29 2007

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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
San Andres	940	2470	Water/Oil Anhydrite Dolomite	Bone Springs	3420'
Glorietta	2500	2740	Water/Oil Dolomite	Wolf Camp	6780'
Yeso	2740	3420	Water/Oil Dolomite	Cisco Strawn	7690' 8200'
Morrow	9296	9648	Gas Sand	Barnett	9648'

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) \_\_\_\_\_ Title \_\_\_\_\_

Signature Ken Seligman \_\_\_\_\_ Date \_\_\_\_\_

Title 18 USC Section 1001 and Title 43 USC 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.