

NOV 10 2003

Form 3160-4

(August 1999)

OCD-ARTESIA

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOn Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

WELL COMPLETION OR RECOMPLETION REPORT AND 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
 Concho Exploration Inc.

3. Address
 550 West Texas Avenue, Suite 1300, Midland, TX 79701

3.a Phone No. (Include area code)
 (432)685-4373

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

At Surface 2365' FWL & 2215' FNL

At top prod. interval reported below 860' FSL & 1465' FEL

At total depth 748' FSL & 1413' FEL

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5. Lease Serial No.
 NM - 13406

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Federal "BN" 2

9. API Well No.

30-015-32721

10. Field and Pool, or Exploratory

Happy Valley-Morrow

11. Sec., T., R., M., on Block and

Survey or Area Sec. 17, T22S, R25E

12. County or Parish

Eddy

13. State

New Mexico

14. Date Spudded

06/25/2003

15. Date T.D. Reached

07/31/2003

16. Date Completed

☐ D & A ☒ Ready to Prod.
 10/02/2003

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

3682' GR

18. Total Depth: MD 12445
 TVD

19. Plug Back T.D.: MD 12,360
 TVD

20. Depth Bridge Plug Set: MD
 TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
 CN/GR; LA/GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
 Was DST run? ☒ No ☐ Yes (Submit analysis)
 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 3/8H-	48#		777	777	750sx C		Surface	
12 1/4"	40	40#		2594	2594	900sx C		Circ.	
8 3/4"	9 5/8" J55	17#		12,445	12445	1230sx Poz H			
	5 1/2 LTC								

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"	11,750'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12,124	12,312	12,294 - 12,312		37	open
B)			12,124 - 12,140		32	open
C)						
D)						

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

Depth Interval	Amount and Type of Material
12,294' - 12,312	2500 gal 7 12% Morrow blend acid & 119,200 SCF of N2 & 60 BS
12,124' - 140', +	
12,294' - 312'	Acidize w/ 2500 gals 7 1/2% Morrow blend acid, 128,300 SCF N2 & 50 BS Frac'd w/ 61,850 gals 40# Binary foam carrying 20/40 Interprop.

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
10/08/03	10/28/03	24	→	0	300	0			Flowing
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
32/64"	SI 100		→	0	300	0		Producing	

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.	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

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LES BABYAK
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 or 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
Surface rock/lm	0	1210		Wolfcamp	8747
Dolo/sd	1210	3370		Cisco (Bough C)	9335
Sd/sh	3370	5378		Canyon	9996
Lime	5378	7935		Strawn	10636
Sd/Sh/Bone	7935	8862		Delaware Sand	2794
Spring	8862	10832		Bone Spring	5090
Lm/Sd/Sh	10832	11065		Morrow	10958
Cisco Canyon	11065	11604		Morrow clastics	11302
Lm	11604	12264			
Lm/ch/sh	12264	12450			
Morrow					

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological 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) Brenda Coffman

Title Regulatory Analyst

Signature

Brenda Coffman

Date 11/04/2003

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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