Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-16835

1a. 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
CONCHO RESOURCES INC.

8. Lease Name and Well No.
Neuhaus "14" Federal 4

3. Address
550 W. TEXAS, SUITE 1300 MIDLAND TX 79701

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

9. API Well No.
30-025-36353

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

At Surface 1980' FNL & 1650' FEL

At top prod. interval reported below 1980' FNL & 1650' FEL

At total depth 1980' FNL & 1650' FEL

10. Field and Pool, or Exploratory
Featherstone B, Spring East

11. Sec., T., R., M., on Block and Survey or Area Sec. 14, T20S, R35E

12. County or Parish
Lea

13. State
New Mexico

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☒ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
08/24/2003	09/19/2003	10/06/2003	3671 GR

18. Total Depth: MD 10288 TVD	19. Plug Back T.D.: MD 10180 TVD	20. Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CCL/CBL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8"	48#			432'	460sx C		Surface	
12 1/4	8 5/8	32#			3990	1325 sx C		Circulated	
7 7/8	5 1/2"	17#			10288	1400 sx		1000	

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"	9889'							

25. Producing Intervals

26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Bone Springs	9788	9818	9788 - 9818	3 1/8"	121	open
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
9788' - 9818'	Acidized w/1500 gals 15% HCL w/NeFe + 70 BS

ACCEPTED FOR RECORD
DEC 17 2003
GARY GOURLEY
PETROLEUM ENGINEER

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
10/13/03	11/30/03	24	→	11	10	66	38.69		pumping

Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→					

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)

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):

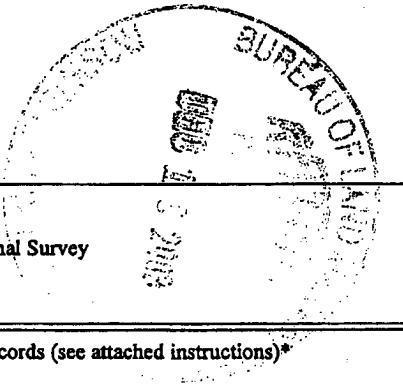
Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Surface/Red	0	2149		Anhydrite	2080
Bed	2149	3673		Yates	3900
Salt/Anhy	3673	4005		7 Rivers	4300
Anhy	4005	4660		Queen	4550
Anhy/Lime	4660	5236		San Andres	5197
Anhy/Dolo/Sh	5236	6515		Delaware Sand	5912
Dolo/Sd	6515	8101		Bone Spring	8110
Lm/Sd	8101	9825		1st Bone Spring Sd.	9322
Sd/Sh/Lm	9825	9931		2nd Bone Spring Sd.	10025
Dolo	9931	10316			
Lm/Sh/Sd	10316				

32. Additional remarks (include plugging procedure):

Bone Spring



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 12/15/2003

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 fradulent statements or representations as to any matter within its jurisdiction.