

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Ave. 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 1760' FNL & 1650' FWL

At top prod. interval reported below 1760' FNL & 1650' FWL

At total depth 1760' FNL & 1650' FWL

14. Date Spudded
06/28/2003

15. Date T.D. Reached
07/10/2003

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/28/2003

5. Lease Serial No.
LC-029392B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Principle Federal 2

9. API Well No.

30-015-32610 32843

10. Field and Pool, or Exploratory

Shugart; Delaware

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

Survey or Area Sec. 27, T18S, R31E

12. County or Parish

Eddy

13. State

New Mexico

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

3630 GR

18. Total Depth: MD 6350'
TVD 6350'

19. Plug Back T.D.: MD 6302'
TVD 6302'

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
BCS/GR; CN/GR; PELA/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
12 1/4"	9 5/8" J55	40#			646'	300 sx C		surface	
8 3/4"	5 1/2 J55	17#			6350	1200 sxPoz			

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"	6073'	-						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	6120	6138				
B)	6151	6156				
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6120 6138	Acidized w/2500 gals 90/10 7 1/2% acid + 80 BS
6120 - 6156	Frac w/37,000 gals 30# medallion cross linked gel

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
08/06/03	8/20/03	24	→	58	27	136	44.2		PUMPING 2 1/2" X 1 1/2" X 24' RHBM pum
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	58	27	136	466	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.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status	
			→						

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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Surface	0	1050		Yates	2140
Salt/Anhy	1050	2235		7 Rivers	2710
Anhy	2235	3390		Queen	3290
Dolo	3390	5732		Delaware Sand	4310
Dolo/sand	5732	6190		Bone Springs	6220
Lm/Sh/Dolo	6190	6350			

31. Formation (Log) Markers

32. Additional remarks (include plugging procedure):

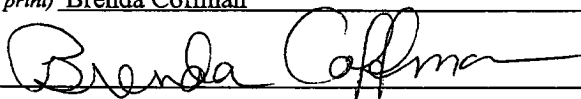
33. Circle enclosed attachments:

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 CoffmanTitle Regulatory Analyst

Signature

Date 08/25/2003

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.



KEY ENERGY DRILLING, INC.
6 Desta Drive
Suite 4400
Midland, Texas 79705
Phone 915-570-0494
Fax 915-570-0465

To: Whom It May Concern:

RE: STATE OF NEW MEXICO
OIL AND GAS DIVISION
INCLINATION REPORT



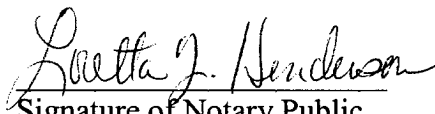
Lease Name: PRINCIPLE FEDERAL
Well Number: #2
County/State: EDDY COUNTY, NEW MEXICO
Operator: RICK'S EXPLORATION
Address: 550 W TEXAS, SUITE 1300
Address: MIDLAND TX 79701
Location:

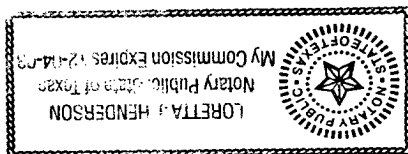
I, **CHOYR GILBERT**, Contract Manager for Key Energy Drilling, Inc., 6 Desta Drive, Suite 4400, Midland, TX 79705, declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on this form and that such data and facts are true, correct, and complete to the best of my knowledge.

Sworn to and Subscribed Before Me by the said


CHOYR GILBERT
Contract Manager

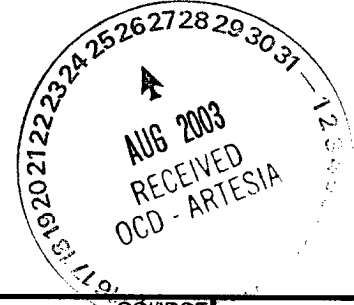
This the 14TH day of AUGUST, 2003



Signature of Notary Public
In and for the State of Texas



LORETTA J. HENDERSON
Print Name of Notary Public

INCLINATION REPORT



SIGNATURE OF AUTHORIZED REPRESENTATIVE 	NAME OF COMPANY KEY ENERGY DRILLING, INC.
NAME OF PERSON AND TITLE CHOYR GILBERT - CONTRACT MANAGER	TELEPHONE NUMBER (915) 570-0494

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32616	Pool Code 56410	Pool Name Shugart-Delaware
Property Code	Property Name PRINCIPLE FEDERAL	Well Number 2
OGRID No. 168489	Operator Name CONCHO EXPLORATION INC.	Elevation 3630'

Surface Location

UL or lot No. F	Section 27	Township 18 S	Range 31 E	Lot Idn	Feet from the 1760	North/South line NORTH	Feet from the 1650	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Brenda Coffman</i> Signature Brenda Coffman Printed Name Regulatory Analyst Title August 25, 2003 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>APRIL 25, 2003 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 3241 Certificate No. Gary L. Jones 7977 BASIN SURVEYS</p>
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