

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOil Cons.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS*****Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*****SUBMIT IN TRIPLICATE - Other instructions on reverse side**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other**RECEIVED**

## 2. Name of Operator

CONCHO EXPLORATION INC.

FEB 23 2004

## 3a. Address

550 W. TEXAS, SUITE 1300 MIDLAND TX 79701

## 3b. Phone No. (include Area Code)

(432)685-4373

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1920' FNL &amp; 660' FWL Sec. 27, T18S, R31E

## 5. Lease Serial No.

LC-029392B

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

## 8. Well Name and No.

Principle Federal 4

## 9. API Well No.

30-015-32894

## 10. Field and Pool, or Exploratory Area

Shugart-Delaware

## 11. County or Parish, State

Eddy

New Mexico

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud/Casing/Aci
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

12-03-03 Spud 12 1/4" hole

12-04-03 Ran 16 jts. 9 5/8" 40# J-55 LT&amp;C csg. Set @ 647.58'. Ran 6 centralizers. Cmt'd w/100 sx 65/35 Poz C + 6% gel, 2% CaCl2 + .25 CF + 3# Gilsonite and tailed in w/200 sx CI C + 2% CaCl2. circ. 125 sx to surface.

12-04-03 Tested csg. to 1200 psi - ok

12-24-03 In 8 3/4" hole, ran 164 jts. 5 1/2" 17# J-55 LTC 8rd csg. set @ 6367.26'. Ran 20 centralizers. Cmt'd w/lead 375 sx 50/50 Poz C + 10% Bentonite + .2% CD-32 + 5# Gilsonite + 5% salt + .25# CF &amp; followed by 975 sx 50/50 Poz C + 5% salt + .8% FL-52 + .3% SMS. Released rig

1-9-03 Ran CBL/GR/CCL. TOC @ 1480'. Perf Delaware w/3 1/8" slick gun w/2 JSPF. Perf @ 6140' - 60', 6168' - 80', 6198' - 6202' &amp; 6210' - 6222'. 48' w/100 holes

1-13-03 Acidized Delaware w/5000 gals 7 1/2% 90/10 acid using 150 BS to divert. Began flowing &amp; swabbing.

1-15-04 Frac'd Delaware perms w/38,00 gal/Viking 2500 cross linked gel carrying 86,000# 16/30 white sand &amp; 18,000 16/30 Super LC resin coated sand. Swabbing

1-21-04 RIH w/196 jts. 2 7/8" J55 EUE 8rd tbq. set @ 6126'.

1-22-04 RIH w/2 1/2" x 1 1/2" x 24" RHBM pump. Began testing well.

## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRENDA COFFMAN

Signature



Title

REGULATORY ANALYST

Date

02/16/2004

ACCEPTED FOR RECORD

FEB 19 2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

LES BABYAK

PETROLEUM ENGINEER

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)