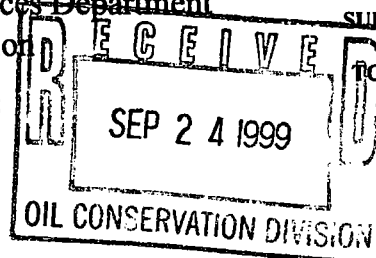


District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-142  
Date 06/99



SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Concho Resources Inc. 110 W. Louisiana, Ste 410, Midland, Tx 79701						OGRID Number 166111		
Contact Party Terri Stathem						Phone (915) 683-7443		
Property Name Tomcat '16' State				Well Number 2		API Number 30025-34306		
UL M	Section 16	Township 23S	Range 32E	Feet From The 660	North/South Line South	Feet From The 660	East/West Line West	County Lea

II. Date/Time Information

Spud Date 3/26/99	Spud Time 7:00 PM	Date Completed 5/4/99	Pool Wildcat; Delaware
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of Texas )

County of Midland )

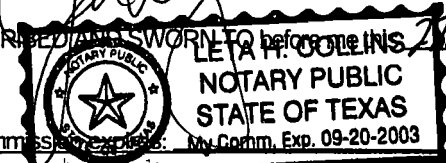
ss.

Joe Wright, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title Engineer Date 9/22/99

SUBSCRIBED AND SWORN TO before me this 2nd day of September, 1999.



[Signature]  
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>[Signature]</u>	Title <u>P.E. Speer</u>	Date <u>9-28-99</u>
---------------------------------	----------------------------	------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 9/28/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

7VZV2006631850

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

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

## OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.  
30025-34306

Indicate Type of Lease

STATE ☒

FEE ☐

State Oil & Gas Lease No.

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

Name of Operator

CONCHO RESOURCES INC.

Well No.

2

Address of Operator

110 W LOUISIANA STE 410, MIDLAND TX 79701

Pool name or Wildcat

WILDCAT

Well Location

Unit Letter M 660 Feet From The SOUTH Line and 660 Feet From The WEST Line

Section 16 Township 23S Range 32E NMPM LEA County

Elevation (Show whether DF, RKB, RT, GR, etc.)

3679

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: SPUD AND SET SURFACE CSG ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/26/99 SPUD WELL @ 7:00 PM CST.  
3/27/99 RIH W/ 13-3/8", 48#, STC CSG & SET @ 615' W/ 300 SX 35/65 POZ C CMT + ADDITIVES, TAILED W/ 250 SX C + ADDITIVES.  
CIRC 65 SXS TO SURFACE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE PRODUCTION ANALYST

DATE 04-01-99

TYPE OR PRINT NAME TERRI STATHEM

TELEPHONE NO. 915-683-7443

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

## OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.

60025-34306

Indicate Type of Lease

STATE ☒

FEE ☐

State Oil & Gas Lease No.

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

Name of Operator  
Concho Resources Inc.

Address of Operator  
110 W. Louisiana, Ste 410; Midland, Tx 79701

Well Location

Unit Letter M : 660 Feet From The South Line and 660 Feet From The West Line

Section 16 Township 23S Range 32E NMPM Lea County

Elevation (Show whether DF, RKB, RT, GR, etc.)

3679

Lease Name or Unit Agreement Name  
Tomcat '16' State

Well No.  
2

Pool name or Wildcat  
Wildcat Delaware

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ANBANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Delaware Completion ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-13-99 to 4-22-99 MIRU. TOC @ 4750'. PBTD 8927'. RIH w/ perf gun & perf @ 8456-76 & 8444-48' w/ 2 JSPF. RD.  
4-26-99 MIRU to acidize & frac. Spot 2 bbls acid @ 8469'. PU & LD 4 jts to 8345'. Reverse 5 bbls. Acid zone w/ 2000 gals 7-1/2% NeFe acid @ 5 BPM. ISIP 750 psi. Frac'd w/ 8000# 16/30 sd & 26,000 gals Xlink gel. Started to flow back well. Well died.  
4-27-99 PU & RIH w/ 2-7/8" tbg to 8858'. SN @ 8375'. TAC @ 8250'. MA bottom @ 8412'.  
4-28-99 RIH w/ pump & rods. Hung well on.  
4-29-99 Completing battery.  
5-3-99 30 BO, 301 BW. Waiting on gas tie in.  
5-6-99 Tie into gas line. 101 BO, 219 BW, 112 MCF.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Production Analyst

DATE 05-11-99

TYPE OR PRINT NAME Terri Stathem

TELEPHONE NO. 915-638-7443

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**Concho Resources Inc.  
Attachment to Form C-142**

**Tomcat '16' State No. 2**

**Working Interest Owners:**

<b><u>NAME</u></b>	<b><u>INTEREST PERCENTAGE</u></b>
Concho Resources Inc.	100.00

Submit to Appropriate  
District Office  
State Lease - 5 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-108  
Revised 1-1-89

WELL API NO. 30025-34306
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Lease Name or Unit Agreement Name  Tomcat '16' State	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>			
2. Name of Operator Concho Resources Inc.		8. Well No. 2	
3. Address of Operator 110 W. Louisiana, Ste 410; Midland, Tx 79701		9. Pool name or Wildcat Wildcat Delaware	
4. Well Location Unit Letter <u>M</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>23S</u> Range <u>32E</u> NMPM <u>Lea</u> County			
10. Date Spudded 03/26/99	11. Date T.D. Reached 04/12/99	12. Date Compl. (Ready to Prod.) 05/04/99	13. Elevations (DF & RKB, RT, GR, etc.) 3679
14. Elev. Casinghead			
15. Total Depth 9014	16. Plug Back T.D. 8927	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Cable Tools <input checked="" type="checkbox"/>
19. Producing Interval(s), of this completion - Top, Bottom, Name 8456-72 & 8444-48' Delaware			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR-CBL-CCL			22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	615	17-1/2	550sx - Circ	0
8-5/8	32	4814	11	1530 sx - Circ	0
5-1/2	17	9024.58	7-7/8	700 sx - TOC 4750'	0

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	8412	8412 MA

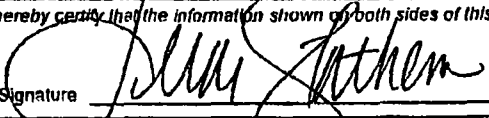
26. Perforation record (Interval, size, and number) 8456-8472 (16' X 2 = 32 holes) Delaware - 2 SPF 8444-8448 (5' X 2 = 10 holes) Delaware - 2 SPF. Total 42 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 8444-48 AMOUNT AND KIND MATERIAL USED 2000 gals 7-1/2% NeFe acid. frac w/ 26,000 gals 30# XLink gel & 80,000# 16/30 Sand
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PRODUCTION

28. Date First Production 05/03/99		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1-3/4 RHBC				Well Status (Prod. or Shut-in) prod	
Date of Test 05/09/99	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 122	Gas - MCF 119	Water - Bbl. 167	Gas - Oil Ratio 975
Flow Tubing Press.	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl. 122	Gas - MCF 119	Water - Bbl. 167	Oil Gravity - API - (Corr.) 41.4	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold						Test Witnessed By Mark Hulse	

30. List Attachments  
Logs, Deviation Survey, Letter for Log Confidentiality

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature 	Printed Name Terri Stathem	Title Production Analyst	Date 05/11/99
--	-------------------------------	-----------------------------	------------------

Page 2

## INSTRUCTIONS

Tomcat 16 #2

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

## Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from 8456 to 8472  
No. 2, from to  
No. 3, from 8444 to 8448  
No. 4, from to

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

# LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
			SEE ATTACHED				

Concho Resources Inc.  
Tomcat 16 State #2

Formation Tops:

Lamar	4787
Ramsey	4820
Ford	4870
Olds	4884
Cherry Canyon	5604
Manzanita	5870
Brushy Canyon	6901
Livingston Ridge	7404
Middle Brushy Canyon	8084
Basal Brushy Canyon	8330
"B"	8400
Bone Spring	8608
Bone Spring Lime	8686
Avalon Equiv.	8799
T.D.	9030

Lithology:

Rock and Red Bed	0	630
Red Bed	630	1550
Salt & Anhydrite	1550	3000
Anhydrite	3000	4660
Salt & Anhydrite	4660	4720
Dolomite	4720	6325
Sand	6325	7250
Shale, Sand & Lime	7250	7975
Sand	7975	8580
Sand & Lime	8580	8860
Lime & Shale	8860	8950
Sand & Lime	8950	9030
T.D.		