

Submit to Appropriate
District Office
State Lease - 6 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-105
Revised 1-1-89

WELL API NO.
30025-34306

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW

WELL ☒

WORK

OVER ☐

DEEPEN ☐

PLUG

BACK ☐

DIFF

RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

Tomcat '16' State

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

Section 16 Township 23S Range 32E NMPM Lea 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 ☒

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

23. 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

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

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

2000 gals 7-1/2% NeFe acid.

frac w/ 26,000 gals 30# XLink gel

& 80,000# 16/30 Sand

28. PRODUCTION

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

INSTRUCTIONS

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

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

From	To	Thickness in Feet	Lithology

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.		