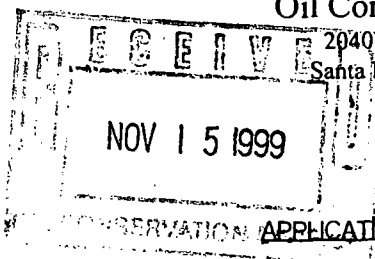


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

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 '17' Federal				Well Number 1		API Number 30025-34690	
UL P	Section 17	Township 23S	Range 32E	Feet From The 660	North/South Line South	Feet From The 660	East/West Line East
						County Lea	

II. Date/Time Information

Spud Date 9/15/99	Spud Time 12:45 PM	Date Completed 10/20/99	Pool Diamondtail Delaware
----------------------	-----------------------	----------------------------	------------------------------

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:

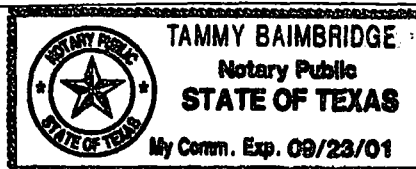
- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title Engineer Date 11/20/99

SUBSCRIBED AND SWORN TO before me this 10th day of November, 1999.

[Signature]
Notary Public

My Commission expires: 9.23.01



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. Spec.</u>	DEC 20 1999
---------------------------------	----------------------------	-------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: DEC 20 1999

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

PV2V2007231982

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

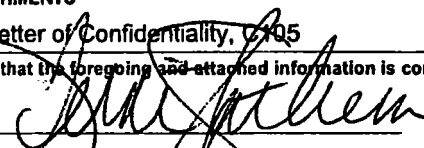
SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM 97891

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 _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR CONCHO RESOURCES INC.							
3. ADDRESS AND TELEPHONE NO. 110 W. LOUISIANA STE 410; MIDLAND TX 79701 (915) 683-7443							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 660' FEL, SEC. 17, T-23S, R-32E At top prod. interval reported below SAME At total depth							
14. PERMIT NO.				DATE ISSUED 08/30/99		12. COUNTY OR PARISH LEA	
						13. STATE NM	
15. DATE SPUDDED 09/15/99		16. DATE T.D. REACHED 10/03/99		17. DATE COMPL. (Ready to prod.) 10/20/99		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3662	
19. ELEV. CASING HEAD							
20. TOTAL DEPTH, MD & TVD 9100		21. PLUG, BACK T.D., MD & TVD 8700		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 8429-8448' Delaware 7381-8076' Delaware						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CBL/CCL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB/FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8		48		650.77		17-1/2	
8-5/8		32		4762		11	
5-1/2		17		8800		7-7/8	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
31. PERFORATION RECORD (Interval, size and number) 8429-8448 (2 SPF - 41 HOLES) 7381-8076 (2 SPF - 45 HOLES)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				8429-8448		Frac w/ 60700# 16/30 Ottawa + 12,000# 16/30 RC	
				7381-8076		Frac w/ 26620# 16/30# sd	
33. PRODUCTION							
DATE FIRST PRODUCTION 10/21/99		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping 2-1/2" X 1-1/2" X 24' RHBC				WELL STATUS (Producing or shut-in) prod	
DATE OF TEST 11/01/99		HOURS TESTED 24		CHOKE SIZE		PROD'N FOR TEST PERIOD →	
FLOW. TUBING PRESS.		CASING PRESSURE 50		CALCULATED 24-HOUR RATE →		OIL—BBL. 174	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold						TEST WITNESSED BY Mark Hulse	
35. LIST OF ATTACHMENTS C102, Logs, Letter of Confidentiality, C105							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 				TITLE Production Analyst		DATE 11/04/99	

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of 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):

[illegible]

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
BELL CANYON T OF LAMAR	4756				
CHERRY CANYON	5605				
BRUSHY CANYON	6880				
BONE SPRING	8620				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM - CARLSBAD

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
CONCHO RESOURCES INC.

3. Address and Telephone No.
110 WEST LOUISIANA, SUITE 410, MIDLAND, TX 79701 915 683-7441

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 660' FEL, SEC. 17, T-23S, R-32E, LEA COUNTY, NM

5. Lease Designation and Serial No.
NM-97891

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
TOMCAT "17" FED. #1

9. API Well No.

10. Field and Pool, or Exploratory Area
SAND DUNES-BONE SPRING

11. County or Parish, State
LEA, NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

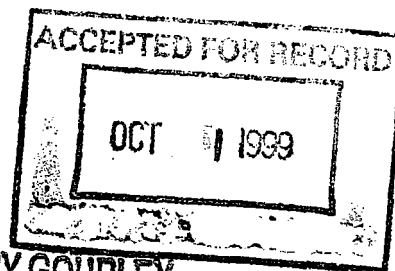
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SPUD & SET SURFACE & INTER. CSG.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 9-15-99 SPUD 17-1/2" HOLE @ 12:45PM.
RIH & SET 13-3/8" SURFACE CSG @ 650.77'. CMT W/LEAD: 500 SX CMT W/35/65 POZ "C" 2% CACL + 1/4#/SX
FLOCELE, TAILED W/250 SX CMT W/"C" + 2% CACL.
CIRC 165 SX TO PIT.
- 9-24-99 RIH & SET 8-5/8" INTERMEDIATE CSG @ 4762.00'. CMT W/LEAD: 1150 SX 50/50 POZ "C" CONTAINING 5%
SALT & 10% GEL MIXED @ 11.8 PPG. FOLLOWED BY TAIL: 200 SX "C" CONTAINING 2% CACL MIXED
@ 14.8 PPG.
CIRC. 225 SX TO PIT.



(ORIG. SGD.) GARY GOURLEY

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

Signed Sherry Conrad Title AGENT

Date 09/30/99

(This space for Federal or State Office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR BONE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
CONCHO RESOURCES INC.

3. Address and Telephone No.
110 W. LOUISIANA STE 410; MIDLAND TX 79701 (915) 683-7443

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 660' FEL, SEC. 17 T-23S, R-32E

5. Lease Designation and Serial No.
NM97891

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Tomcat '17' Federal #1

9. API Well No.
30025 346910

10. Field and Pool, or Exploratory Area
SAND DUNES BONE SPRING

11. County or Parish, State
LEA CO., NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

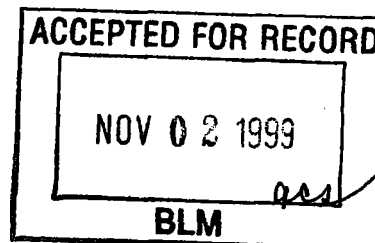
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SET PROD CSG
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

10-3-99 RIH W/ 5-1/2" CSG & SET @ 8800' & CMT W/ 650 SX 35/65 POZ 'H' + ADDITIVES. TOC @ 4432'. RELEASE RIG @ 12:00 MIDNIGHT. WOCU.



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

Signed

Title PRODUCTION ANALYST

Date 10/27/99

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CONCHO RESOURCES INC.

3. Address and Telephone No.

110 W. LOUISIANA STE 410; MIDLAND, TX 79701 (915) 683-7443

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

660' FSL & 660' FEL, Sec. 17, T-23S, R-32E

5. Lease Designation and Serial No.

NM 97891

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Tomcat '17' Federal #1

9. API Well No.

30025-34690

10. Field and Pool, or Exploratory Area

Diamondtail Delaware

11. County or Parish, State

LEA, NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9/15/99 Spud well @ 12:45 PM. RIH w/ 13-3/8" csg & set @ 650.77'. Cmt w/ 750 sx 'C'. Circ to pit.
9/24/99 RIH & set 8-5/8" csg @ 4762'. Cmt w/ 1350 sx 'C'. Circ to pit.
10/3/99 RIH w/ 5-1/2" prod csg & set @ 8800'. Cmt w/ 650 sx 'H'. TOC 4432'. Release Rig @ 12:00 midnight.
10/5/99 Perf 2 JSPF @ 8429-8448' (41 holes).
10/6/99 Frac 8429-48 w/ 60,700# 16/30 Ottawa + 12,000# 16/30 RC sd.
10/7/99 Set pumping unit & production tanks.
10/9/99 Perf 2 JSPF @ 7381-8076' (45 holes).
10/11/99 Swab well.
10/12/99 Frac 8064-76 w/ 26620# 16/30 sand & 250 bbls gel.
10/13/99 to 10-16-99 Swab well.
10/18/99 RIH w/ 2-7/8" tbg @ set @ 8015'.
10/19/99 RIH w/ rods & pump.
10/20/99 Start pumping @ 12:00 PM.
10/21/99 to 10/31/99 testing well
11/1/99 IP:174 BO, 193 BW, 140 MCF.

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

Signed

Title Production Analyst

Date 11/10/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Concho Resources Inc.
TOMCAT '17' FEDERAL NO. 1

Working Interest Owners:	WORKING INTEREST %
Concho Resources Inc.	50%
Santa Fe Snyder	50%