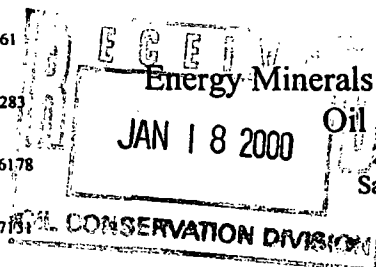


District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131



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 Carbon Valley Deep 23 Federal					Well Number 1	API Number 30015-30714	
UL H	Section 23	Township 16S	Range 27E	Feet From The 1990	North/South Line North	Feet From The 660	East/West Line East
						County Eddy	

## II. Date/Time Information

Spud Date 8/18/99	Spud Time 2:30 PM	Date Completed 12/16/99	Pool Crow Flats Morrow; Undes.
----------------------	----------------------	----------------------------	-----------------------------------

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.

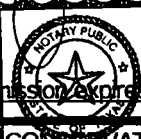
Joe Wright, being first duly sworn, upon oath states:

- 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 1/4/2000

SUBSCRIBED AND SWORN TO before me this 4th day of January, 2000.

My Commission Expires: STATE OF TEXAS



LETA H. COLLINS  
NOTARY PUBLIC

[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. Spee</u>	Date <u>FEB 14 2000</u>
---------------------------------	---------------------------	----------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/14/00

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

pV2V2010752337

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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

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

1990' FNL & 660' FEL, Sec. 23, T-16S, R-27E

5. Lease Designation and Serial No.

NM 93469

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Carbon Valley Deep 23 Federal #1

9. API Well No.

30015-30714

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Eddy, 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

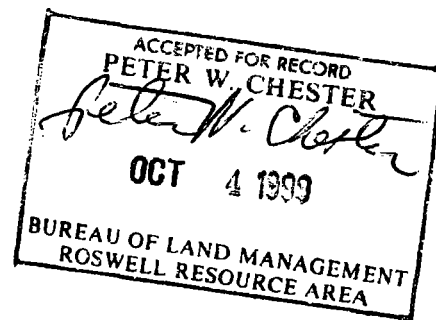
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud & Set Surf Csg  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(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.)

8-18-99 Spud 11" hole @ 2:30 PM MDT.

8-21-99 RIH & set 8-5/8", 32# surface csg @ 1417'. Cmt w/ 550 sx lead w/ 35/65 POZ 'C' w/ 6% D-44, 6% D-20 & 1/4 # sx D-29 followed by 200 sx 15/85 POZ 'C' w/ 2% D-20 1/4# sx D-29 & 2% CaCl. Circ 156 sx cmt to pit.



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

Signed

Title Production Analyst

Date 08/23/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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 93469

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Carbon Valley Deep 23 Federal #1

9. API WELL NO.

30015-30714

10. FIELD AND POOL, OR WILDCAT

Crow Flats Morrow; Undes.

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 23, T-16S, R-27E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

## 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 ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
RESVR. ☐

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

1990' FNL &amp; 660' FEL

At top prod. interval reported below

1990' FNL &amp; 660' FEL

At total depth

same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

08/18/99

16. DATE T.D. REACHED

09/13/99

17. DATE COMPL. (Ready to prod.)

12/16/99

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\*

3604

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

9354

21. PLUG, BACK T.D., MD &amp; TVD

9266

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*

9120-9124 Morrow

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR CNL/FDC DLL

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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	32	1417	11	750 sx C - circ	0
4-1/2	11.6	9354	7-7/8	730 sx H - TOC @ 5490(calc)	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	8808	8804

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

9120-9124 w/4 SPF ( 16 total)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9120-24	1000 gals 7-1/2% NEFE acid
9120-24	frac w/32600# 20/40 Interprop sand

33. \*

## PRODUCTION

DATE FIRST PRODUCTION 12/15/99		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) prod	
DATE OF TEST 12/19/99	HOURS TESTED 24	CHOKE SIZE 15/64	PROD'N FOR TEST PERIOD →	OIL—BBL. 9	GAS—MCF. 268	WATER—BBL. 0	GAS-OIL RATIO 29777
FLOW. TUBING PRESS. 350	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 9	GAS—MCF. 268	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 50.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold 12/15/99

TEST WITNESSED BY

Mark Hulse

35. LIST OF ATTACHMENTS

Logs, Letter of Confidentiality, C104, 3160

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 01/04/00

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

五

<b>FORMATION</b>	<b>TOP</b>	<b>BOTTOM</b>	<b>DESCRIPTION, CONTENTS, ETC.</b>
Wolfcamp	6340		limestone
Atoka	8894	8940	limestone/sandstone/shale
Morrow	9124	9158	Sandstone

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	6340				
Atoka	8894				
Morrow	9124				
Barnett	9266				

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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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)  
1990' FNL & 660' FEL, SEC. 23, 16S, 27E

5. Lease Designation and Serial No.  
NM 93469

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Carbon Valley Deep 23 Federal #1

9. API Well No.  
30015-30714

10. Field and Pool, or Exploratory Area  
Crow Flats Morrow, Undes.

11. County or Parish, State  
EDDY, 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.)\*

9-14-99 TD @ 9354'. Release Rig @ 6:00 AM.  
9-15-99 WOCU.  
10-21-99 MIRU. Tagged TOC @ 9266'.  
10-22-99 Pickle tbg. Set pkr @ 8806'.  
10-23-99 WO gas sales line & perf.  
10-28-99 Perf Morrow @ 9120-9124' w/ 4 SPF. Set pkr @ 8804'.  
11-5-99 Acidize Morrow @ 9120-24' w/ 1000 gals 7-1/2% NEFE HCL mixed w/ CO2.  
11-22-99 Frac Morrow @ 9120-24' w/ 32600# 20/40 Interprop & 70Q Binary Sysgem.  
11-23-99 RU testers. Open on 16/64 ck.  
11-23-99 to 12-15-99 WO Gas tie in.  
12-15-99 Gas tied into El Paso Field Services @ 4:00 PM. Flowing on 12/64 ck, 730# FTP, est 512 MCFPD.  
12-19-99 IP @ 268 MCF, 9 BO, 0 BW, 15/64 ck, 350# FTP.

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

Signed [Signature] Title Production Analyst Date 01/05/99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

**Concho Resources Inc.**

**Carbon Valley Deep 23 Federal No. 1**

**Working Interest Owners:**

<b>Owner</b>	<b>DDI</b>
Concho Resources Inc.	50.00%
Chi Energy, Inc.	33.25%
James A. Davidson	4.00%
Fasken Oil & Ranch	12.75%