

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

RECEIVED OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

OCD-ARTESIA

WELL API NO.
30-153-2670 30015-32670

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 PdA

2. Name of Operator

Concho Oil & Gas Corp.

3. Address of Operator

110 W. Louisiana, Ste. 410, Midland, Texas 79701

4. Well Location

Unit Letter G: 1980 Feet From The North Line and 1980 Feet From The East Line

Section 27 Township 18S Range 24E NMPM Eddy County

10. Date Spudded
04/18/2003

11. Date T.D. Reached
05/13/2003

12. Date Compl. (Ready to Prod.)

13. Elevations (DF & RKB, RT, GR, etc.)

3740 GR

14. Elev. Casinghead

15. Total Depth

8600'

16. Plug Back T.D.

0

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

0

Rotary Tools

8600'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

20. Was Directional Survey Made
yes

21. Type Electric and Other Logs Run

CN/NGT; Micro-CFL/NGT

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
8 5/8"	32#	1228'	12 1/4"	185 sx H + 600 sx C	none

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

Plugs per attached

28. **PRODUCTION**

Date First Production

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)
P&A'd

Date of Test

Hours Tested

Choke Size

Prod'n For
Test Period

Oil - Bbl.

Gas - MCF

Water - Bbl.

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-
Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

Logs, Deviation Survey

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

11-12-03

Signature

Printed
Name

Brenda Coffman

Title Regulatory Analysis

Date 05/22/2003

C: Yates Petroleum 5-22-03

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 special 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 _____ 7260
T. Salt _____	T. Strawn _____ 7600
B. Salt _____	T. Atoka _____ 8060
T. Yates _____	T. Miss _____ 8470
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 _____ 3910	T. _____
T. Wolfcamp _____ 5110	T. _____
T. Penn _____ 5600	T. _____
T. Cisco (Bough C) 6310	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..... to.....	No. 3, from..... to.....
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	From	To	Thickness in Feet	Lithology
0	1242	1242	Surf Rock				
1242	2030	788	Lm				
2030	2737	707	Lm/Anhy				
2737	4285	1548	Lm/Dolo				
4385	6556	2171	Lm/Shale				
6556	6767	211	Sd/Shale				
6767	7064	297	Lm				
7064	7344	280	Sd/Sh				
7344	7839	495	Lm/Sh				
7839	7985	146	Sd				
7985	8503	518	Lm/Sh				
8503	8600	97	Sd/Sh/Lm				

DISTRICT II
811 South First, Artesia, NM 88210

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015-32670	Pool Code 82775	Pool Name Penasco Draw; Armo Penn (Gas)
Property Code 32039	Property Name SOUTHERN CROSS "27" STATE	Well Number 1
OGRID No. 193407	Operator Name CONCHO OIL & GAS CORP.	Elevation 3740'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	18-S	24-E		1980'	NORTH	1980'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Brenda Coffman</i> Signature Brenda Coffman Printed Name Regulatory Analyst Title 11-12-03 Date

RECEIVED
NOV 18 2003
OCD-ARTESIA

OPERATOR: CONCHO OIL & GAS
WELL/LEASE: SOUTHERN CROSS 27 #1
COUNTY: EDDY

508-0067

STATE OF NEW MEXICO
DEVIATION REPORT

300	2
458	2
607	2 1/4
756	1 1/2
970	3/4
1,279	1/4
1,752	1/4
2,225	1/4
2,697	1/4
3,169	1/2
3,640	3/4
4,115	3/4
4,285	3/4
4,776	1
5,249	3/4
5,723	1/4
6,195	3/4
6,636	1 1/2
7,110	1 1/2
7,583	1 1/4
7,804	1 3/4
8,247	1 1/2
8,600	1 1/2

RECEIVED

NOV 18 2003

OCD-ARTESIA

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 20th day of May, 2003, by
Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

