

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-45968
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Myox 28 State Com
8. Well Number 701H
9. OGRID Number 229137
10. Pool name or Wildcat Purple Sage; Wolfcamp 98220

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.)

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

2. Name of Operator

COG Operating LLC

3. Address of Operator

600 W. Illinois Ave., Midland, TX 79701

4. Well Location

Unit Letter A : 245 feet from the North line and 815 feet from the East line
Section 28 Township 25S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
2958' GR

12. 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 ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests to change the Location of this well:

FROM:

SHL: 245' FNL 815' FEL, Sec 28, T25S, R28E, Unit A
BHL: 200' FSL 330' FEL, Sec 33, T25S, R28E, Unit P

TO:

SHL: 245' FNL 1215' FEL, Sec 28, T25S, R28E, Unit A
BHL: 200' FSL 440' FEL, Sec 33, T25S, R28E, Unit P

Attached is the revised C102 and directional plan.

RECEIVED

NOV 18 2019

DISTRICT IV-ARTESIA O.C.D.

Spud Date:

Rig Release Date:

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

SIGNATURE [Signature] TITLE Regulatory Analyst DATE 11/14/19

Type or print name Robyn M. Russell E-mail address: Russell@concho.com PHONE: (432) 685-4385

For State Use Only

APPROVED BY [Signature] TITLE Geologist DATE 12-9-19
Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

DISTRICT II-ARTESIA O.C.D.

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45968	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp
⁴ Property Code 308251	⁵ Property Name MYOX 28 STATE COM	⁶ Well Number 701H
⁷ GRID NO. 229137	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 2959'

¹⁰ Surface Location

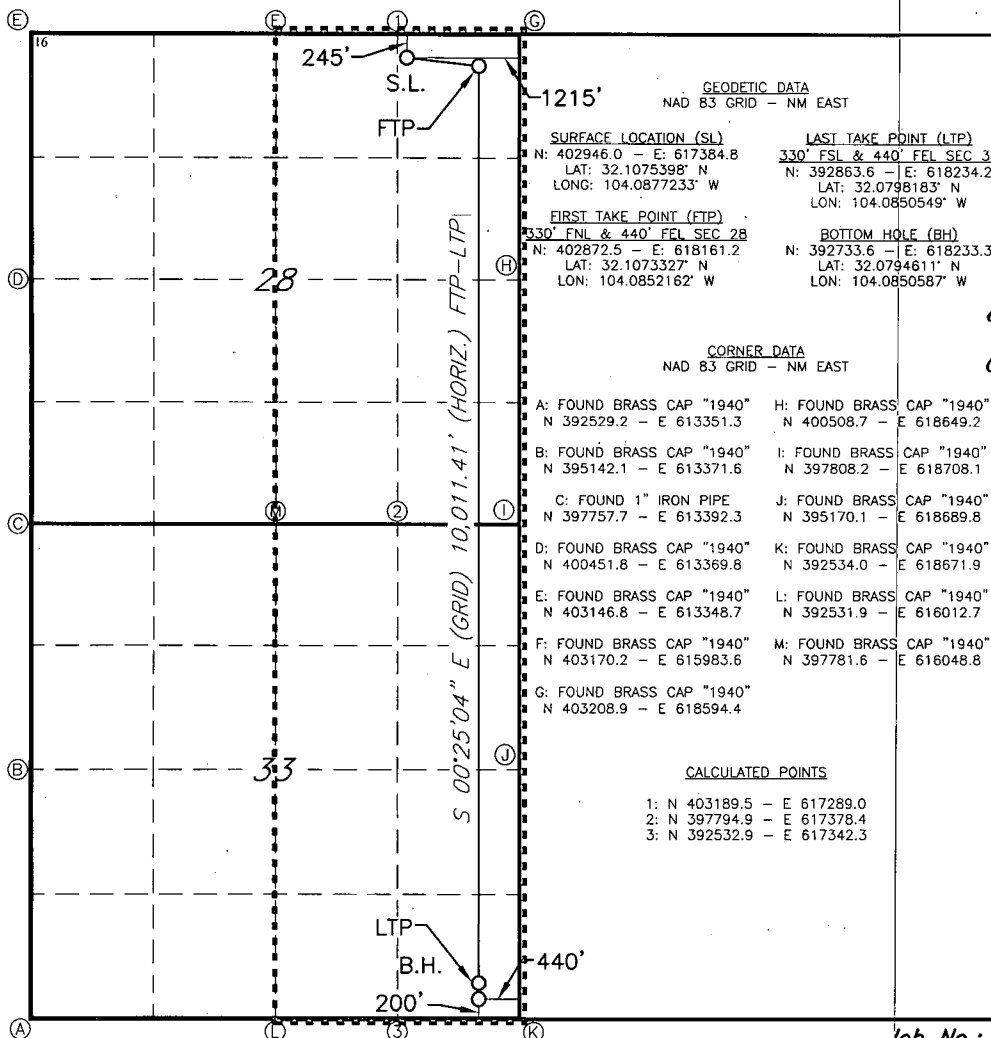
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
A	28	25S	28E		245	NORTH	1215	EAST	EDDY

¹¹ 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
P	33	25S	28E		200	SOUTH	440	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 11/14/19

Printed Name: Robyn M. Russell

E-mail Address: Rrussell@concho.com

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

3-06-19

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number

REV. S.L. & B.H. 10/8/19

Job No.: LS19030301R

RUP/2-9-19



CONCHO

NORTHERN DELAWARE BASIN

EDDY COUNTY, NM

MYOX 28 STATE COM

MYOX 28 ST COM #701H

OWB

Plan: PLAN 1

RECEIVED

NOV 18 2019

DISTRICT 7 - ARTESIA O.C.D.

Standard Planning Report

12 November, 2019

Concho Resources LLC
Planning Report

Database:	EDM_Users	Local Co-ordinate Reference:	Well MYOX 28 ST COM #701H RKB=27 @ 2986.0usft (SCANDRILL FREEDOM) RKB=27 @ 2986.0usft (SCANDRILL FREEDOM) Grid Minimum Curvature
Company:	NORTHERN DELAWARE BASIN	TVD Reference:	
Project:	EDDY COUNTY, NM	MD Reference:	
Site:	MYOX 28 STATE COM	North Reference:	
Well:	MYOX 28 ST COM #701H	Survey Calculation Method:	
Wellbore:	OWB		
Design:	PLAN 1		

Project	EDDY COUNTY, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	MYOX 28 STATE COM		
Site Position:		Northing:	402,888.30 usft
From:	Map	Easting:	576,200.50 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 26.701 N
		Longitude:	104° 5' 14.043 W
		Grid Convergence:	0.13 °

Well	MYOX 28 ST COM #701H		
Well Position	+N/-S	0.0 usft	Northing: 402,888.30 usft
	+E/-W	0.0 usft	Easting: 576,200.50 usft
Position Uncertainty		3.0 usft	Wellhead Elevation:
			Latitude: 32° 6' 26.701 N
			Longitude: 104° 5' 14.043 W
			Ground Level: 2,959.0 usft

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination
			(°)
	WMM2015	11/12/2019	6.96
			Dip Angle
			(°)
			59.82
			Field Strength
			(nT)
			47,551.99590983

Design	PLAN 1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			175.25

Plan Survey Tool Program	Date	11/12/2019		
Depth From	Depth To	Survey (Wellbore)	Tool Name	Remarks
(usft)	(usft)			
1	0.0	8,866.0 PLAN 1 (OWB)	Standard Keeper 104	
			Standard Wireline Keeper ver 1	
2	8,866.0	19,722.9 PLAN 1 (OWB)	MWD+IFR1+FDIR	
			OWSG MWD + IFR1 + FDIR C	

Concho Resources LLC

Planning Report

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Project:	EDDY COUNTY, NM	MD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Site:	MYOX 28 STATE COM	North Reference:	Grid
Well:	MYOX 28 ST COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PLAN 1		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,750.0	5.00	55.00	4,749.7	6.3	8.9	2.00	2.00	0.00	55.00	
8,364.1	5.00	55.00	8,350.0	186.9	267.0	0.00	0.00	0.00	0.00	
8,864.1	0.00	0.00	8,849.4	199.4	284.8	1.00	-1.00	0.00	180.00	
8,865.7	0.00	0.00	8,851.0	199.4	284.8	0.00	0.00	0.00	0.00	
9,769.7	90.40	149.20	9,423.9	-296.2	580.2	10.00	10.00	0.00	149.20	
10,529.4	90.40	179.59	9,418.5	-1,019.3	782.2	4.00	0.00	4.00	89.89	
19,722.9	90.40	179.59	9,354.0	-10,212.3	848.4	0.00	0.00	0.00	0.00	PBHL-Myox 28 St Col

Concho Resources LLC
Planning Report

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Company:	NORTHERN DELAWARE BASIN	TVD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Project:	EDDY COUNTY, NM	MD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Site:	MYOX 28 STATE COM	North Reference:	Grid
Well:	MYOX 28 ST COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PLAN 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
Start Build 2.00										
4,600.0	2.00	55.00	4,600.0	1.0	1.4	-0.9	2.00	2.00	0.00	
4,700.0	4.00	55.00	4,699.8	4.0	5.7	-3.5	2.00	2.00	0.00	
4,750.0	5.00	55.00	4,749.7	6.3	8.9	-5.5	2.00	2.00	0.00	
Start 3614.1 hold at 4750.0 MD										
4,800.0	5.00	55.00	4,799.5	8.8	12.5	-7.7	0.00	0.00	0.00	

Concho Resources LLC

Planning Report

Database:	EDM_Users	Local Co-ordinate Reference:	Well MYOX 28 ST COM #701H
Company:	NORTHERN DELAWARE BASIN	TVD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Project:	EDDY COUNTY, NM	MD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Site:	MYOX 28 STATE COM	North Reference:	Grid
Well:	MYOX 28 ST COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PLAN 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,900.0	5.00	55.00	4,899.1	13.8	19.6	-12.1	0.00	0.00	0.00	
5,000.0	5.00	55.00	4,998.7	18.8	26.8	-16.5	0.00	0.00	0.00	
5,100.0	5.00	55.00	5,098.4	23.7	33.9	-20.9	0.00	0.00	0.00	
5,200.0	5.00	55.00	5,198.0	28.7	41.1	-25.3	0.00	0.00	0.00	
5,300.0	5.00	55.00	5,297.6	33.7	48.2	-29.6	0.00	0.00	0.00	
5,400.0	5.00	55.00	5,397.2	38.7	55.3	-34.0	0.00	0.00	0.00	
5,500.0	5.00	55.00	5,496.8	43.7	62.5	-38.4	0.00	0.00	0.00	
5,600.0	5.00	55.00	5,596.4	48.7	69.6	-42.8	0.00	0.00	0.00	
5,700.0	5.00	55.00	5,696.1	53.7	76.8	-47.2	0.00	0.00	0.00	
5,800.0	5.00	55.00	5,795.7	58.7	83.9	-51.6	0.00	0.00	0.00	
5,900.0	5.00	55.00	5,895.3	63.7	91.0	-56.0	0.00	0.00	0.00	
6,000.0	5.00	55.00	5,994.9	68.7	98.2	-60.4	0.00	0.00	0.00	
6,100.0	5.00	55.00	6,094.5	73.7	105.3	-64.8	0.00	0.00	0.00	
6,200.0	5.00	55.00	6,194.2	78.7	112.5	-69.2	0.00	0.00	0.00	
6,300.0	5.00	55.00	6,293.8	83.7	119.6	-73.5	0.00	0.00	0.00	
6,400.0	5.00	55.00	6,393.4	88.7	126.7	-77.9	0.00	0.00	0.00	
6,500.0	5.00	55.00	6,493.0	93.7	133.9	-82.3	0.00	0.00	0.00	
6,600.0	5.00	55.00	6,592.6	98.7	141.0	-86.7	0.00	0.00	0.00	
6,700.0	5.00	55.00	6,692.3	103.7	148.1	-91.1	0.00	0.00	0.00	
6,800.0	5.00	55.00	6,791.9	108.7	155.3	-95.5	0.00	0.00	0.00	
6,900.0	5.00	55.00	6,891.5	113.7	162.4	-99.9	0.00	0.00	0.00	
7,000.0	5.00	55.00	6,991.1	118.7	169.6	-104.3	0.00	0.00	0.00	
7,100.0	5.00	55.00	7,090.7	123.7	176.7	-108.7	0.00	0.00	0.00	
7,200.0	5.00	55.00	7,190.4	128.7	183.8	-113.1	0.00	0.00	0.00	
7,300.0	5.00	55.00	7,290.0	133.7	191.0	-117.5	0.00	0.00	0.00	
7,400.0	5.00	55.00	7,389.6	138.7	198.1	-121.8	0.00	0.00	0.00	
7,500.0	5.00	55.00	7,489.2	143.7	205.3	-126.2	0.00	0.00	0.00	
7,600.0	5.00	55.00	7,588.8	148.7	212.4	-130.6	0.00	0.00	0.00	
7,700.0	5.00	55.00	7,688.5	153.7	219.5	-135.0	0.00	0.00	0.00	
7,800.0	5.00	55.00	7,788.1	158.7	226.7	-139.4	0.00	0.00	0.00	
7,900.0	5.00	55.00	7,887.7	163.7	233.8	-143.8	0.00	0.00	0.00	
8,000.0	5.00	55.00	7,987.3	168.7	241.0	-148.2	0.00	0.00	0.00	
8,100.0	5.00	55.00	8,086.9	173.7	248.1	-152.6	0.00	0.00	0.00	
8,200.0	5.00	55.00	8,186.6	178.7	255.2	-157.0	0.00	0.00	0.00	
8,300.0	5.00	55.00	8,286.2	183.7	262.4	-161.4	0.00	0.00	0.00	
8,364.1	5.00	55.00	8,350.0	186.9	267.0	-164.2	0.00	0.00	0.00	
Start Drop -1.00										
8,400.0	4.64	55.00	8,385.8	188.7	269.4	-165.7	1.00	-1.00	0.00	
8,500.0	3.64	55.00	8,485.5	192.8	275.3	-169.3	1.00	-1.00	0.00	
8,600.0	2.64	55.00	8,585.4	195.9	279.8	-172.1	1.00	-1.00	0.00	
8,700.0	1.64	55.00	8,685.3	198.1	282.9	-174.0	1.00	-1.00	0.00	
8,800.0	0.64	55.00	8,785.3	199.2	284.5	-175.0	1.00	-1.00	0.00	
8,864.1	0.00	0.00	8,849.4	199.4	284.8	-175.2	1.00	-1.00	0.00	
Start 1.6 hold at 8864.1 MD										
8,865.7	0.00	0.00	8,851.0	199.4	284.8	-175.2	0.00	0.00	0.00	
Start Build 10.00										
8,900.0	3.43	149.20	8,885.3	198.5	285.3	-174.2	10.00	10.00	0.00	
8,950.0	8.43	149.20	8,935.0	194.1	288.0	-169.6	10.00	10.00	0.00	
9,000.0	13.43	149.20	8,984.1	186.0	292.8	-161.1	10.00	10.00	0.00	
9,050.0	18.43	149.20	9,032.1	174.2	299.9	-148.8	10.00	10.00	0.00	
9,100.0	23.43	149.20	9,078.8	158.8	309.0	-132.7	10.00	10.00	0.00	
9,150.0	28.43	149.20	9,123.8	140.1	320.2	-113.1	10.00	10.00	0.00	

Concho Resources LLC
Planning Report

Database:	EDM_Users	Local Co-ordinate Reference:	Well MYOX 28 ST COM #701H
Company:	NORTHERN DELAWARE BASIN	TVD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Project:	EDDY COUNTY, NM	MD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Site:	MYOX 28 STATE COM	North Reference:	Grid
Well:	MYOX 28 ST COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PLAN 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,200.0	33.43	149.20	9,166.6	118.0	333.3	-90.0	10.00	10.00	0.00	
9,250.0	38.43	149.20	9,207.1	92.8	348.4	-63.7	10.00	10.00	0.00	
9,300.0	43.43	149.20	9,244.9	64.7	365.1	-34.2	10.00	10.00	0.00	
9,350.0	48.43	149.20	9,279.7	33.8	383.5	-2.0	10.00	10.00	0.00	
9,400.0	53.43	149.20	9,311.2	0.5	403.4	32.9	10.00	10.00	0.00	
9,450.0	58.43	149.20	9,339.2	-35.1	424.6	70.1	10.00	10.00	0.00	
9,500.0	63.43	149.20	9,363.4	-72.6	447.0	109.3	10.00	10.00	0.00	
9,550.0	68.43	149.20	9,383.8	-111.8	470.3	150.3	10.00	10.00	0.00	
9,600.0	73.43	149.20	9,400.2	-152.4	494.5	192.8	10.00	10.00	0.00	
9,650.0	78.43	149.20	9,412.3	-194.0	519.3	236.3	10.00	10.00	0.00	
9,679.7	81.40	149.20	9,417.5	-219.1	534.3	262.6	10.00	10.00	0.00	
FTP-Myox 28 St Com #701H										
9,700.0	83.43	149.20	9,420.2	-236.4	544.6	280.7	10.00	10.00	0.00	
9,750.0	88.43	149.20	9,423.7	-279.2	570.2	325.5	10.00	10.00	0.00	
9,769.7	90.40	149.20	9,423.9	-296.2	580.2	343.2	10.00	10.00	0.00	
Start DLS 4.00 TFO 89.89										
9,800.0	90.40	150.41	9,423.7	-322.3	595.5	370.5	4.00	0.01	4.00	
9,900.0	90.41	154.41	9,423.0	-411.0	641.8	462.7	4.00	0.01	4.00	
10,000.0	90.41	158.41	9,422.3	-502.6	681.8	557.3	4.00	0.00	4.00	
10,100.0	90.42	162.41	9,421.6	-596.8	715.3	653.9	4.00	0.00	4.00	
10,200.0	90.42	166.41	9,420.9	-693.1	742.2	752.1	4.00	0.00	4.00	
10,300.0	90.41	170.41	9,420.1	-791.0	762.2	851.4	4.00	0.00	4.00	
10,400.0	90.41	174.41	9,419.4	-890.1	775.4	951.3	4.00	0.00	4.00	
10,500.0	90.40	178.41	9,418.7	-989.9	781.7	1,051.2	4.00	-0.01	4.00	
10,529.4	90.40	179.59	9,418.5	-1,019.3	782.2	1,080.5	4.00	-0.01	4.00	
Start 9193.5 hold at 10529.4 MD										
10,600.0	90.40	179.59	9,418.0	-1,089.9	782.7	1,150.9	0.00	0.00	0.00	
10,700.0	90.40	179.59	9,417.3	-1,189.9	783.4	1,250.7	0.00	0.00	0.00	
10,800.0	90.40	179.59	9,416.6	-1,289.9	784.2	1,350.4	0.00	0.00	0.00	
10,900.0	90.40	179.59	9,415.9	-1,389.9	784.9	1,450.1	0.00	0.00	0.00	
11,000.0	90.40	179.59	9,415.2	-1,489.9	785.6	1,549.8	0.00	0.00	0.00	
11,100.0	90.40	179.59	9,414.5	-1,589.9	786.3	1,649.5	0.00	0.00	0.00	
11,200.0	90.40	179.59	9,413.8	-1,689.8	787.0	1,749.2	0.00	0.00	0.00	
11,300.0	90.40	179.59	9,413.1	-1,789.8	787.8	1,848.9	0.00	0.00	0.00	
11,400.0	90.40	179.59	9,412.4	-1,889.8	788.5	1,948.6	0.00	0.00	0.00	
11,500.0	90.40	179.59	9,411.7	-1,989.8	789.2	2,048.3	0.00	0.00	0.00	
11,600.0	90.40	179.59	9,411.0	-2,089.8	789.9	2,148.1	0.00	0.00	0.00	
11,700.0	90.40	179.59	9,410.3	-2,189.8	790.6	2,247.8	0.00	0.00	0.00	
11,800.0	90.40	179.59	9,409.6	-2,289.8	791.4	2,347.5	0.00	0.00	0.00	
11,900.0	90.40	179.59	9,408.9	-2,389.8	792.1	2,447.2	0.00	0.00	0.00	
12,000.0	90.40	179.59	9,408.2	-2,489.8	792.8	2,546.9	0.00	0.00	0.00	
12,100.0	90.40	179.59	9,407.5	-2,589.8	793.5	2,646.6	0.00	0.00	0.00	
12,200.0	90.40	179.59	9,406.8	-2,689.8	794.2	2,746.3	0.00	0.00	0.00	
12,300.0	90.40	179.59	9,406.1	-2,789.8	795.0	2,846.0	0.00	0.00	0.00	
12,400.0	90.40	179.59	9,405.4	-2,889.8	795.7	2,945.7	0.00	0.00	0.00	
12,500.0	90.40	179.59	9,404.7	-2,989.8	796.4	3,045.5	0.00	0.00	0.00	
12,600.0	90.40	179.59	9,404.0	-3,089.8	797.1	3,145.2	0.00	0.00	0.00	
12,700.0	90.40	179.59	9,403.3	-3,189.8	797.8	3,244.9	0.00	0.00	0.00	
12,800.0	90.40	179.59	9,402.6	-3,289.8	798.6	3,344.6	0.00	0.00	0.00	
12,900.0	90.40	179.59	9,401.9	-3,389.8	799.3	3,444.3	0.00	0.00	0.00	
13,000.0	90.40	179.59	9,401.2	-3,489.8	800.0	3,544.0	0.00	0.00	0.00	

Concho Resources LLC

Planning Report

Database:	EDM_Users	Local Co-ordinate Reference:	Well MYOX 28 ST.COM #701H
Company:	NORTHERN DELAWARE BASIN	TVD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Project:	EDDY COUNTY, NM	MD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Site:	MYOX 28 STATE COM	North Reference:	Grid
Well:	MYOX 28 ST COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PLAN 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
13,100.0	90.40	179.59	9,400.5	-3,589.8	800.7	3,643.7	0.00	0.00	0.00	
13,200.0	90.40	179.59	9,399.8	-3,689.7	801.4	3,743.4	0.00	0.00	0.00	
13,300.0	90.40	179.59	9,399.1	-3,789.7	802.2	3,843.1	0.00	0.00	0.00	
13,400.0	90.40	179.59	9,398.4	-3,889.7	802.9	3,942.9	0.00	0.00	0.00	
13,500.0	90.40	179.59	9,397.7	-3,989.7	803.6	4,042.6	0.00	0.00	0.00	
13,600.0	90.40	179.59	9,397.0	-4,089.7	804.3	4,142.3	0.00	0.00	0.00	
13,700.0	90.40	179.59	9,396.3	-4,189.7	805.0	4,242.0	0.00	0.00	0.00	
13,800.0	90.40	179.59	9,395.6	-4,289.7	805.8	4,341.7	0.00	0.00	0.00	
13,900.0	90.40	179.59	9,394.9	-4,389.7	806.5	4,441.4	0.00	0.00	0.00	
14,000.0	90.40	179.59	9,394.1	-4,489.7	807.2	4,541.1	0.00	0.00	0.00	
14,100.0	90.40	179.59	9,393.4	-4,589.7	807.9	4,640.8	0.00	0.00	0.00	
14,200.0	90.40	179.59	9,392.7	-4,689.7	808.6	4,740.5	0.00	0.00	0.00	
14,300.0	90.40	179.59	9,392.0	-4,789.7	809.4	4,840.3	0.00	0.00	0.00	
14,400.0	90.40	179.59	9,391.3	-4,889.7	810.1	4,940.0	0.00	0.00	0.00	
14,500.0	90.40	179.59	9,390.6	-4,989.7	810.8	5,039.7	0.00	0.00	0.00	
14,600.0	90.40	179.59	9,389.9	-5,089.7	811.5	5,139.4	0.00	0.00	0.00	
14,700.0	90.40	179.59	9,389.2	-5,189.7	812.2	5,239.1	0.00	0.00	0.00	
14,800.0	90.40	179.59	9,388.5	-5,289.7	813.0	5,338.8	0.00	0.00	0.00	
14,900.0	90.40	179.59	9,387.8	-5,389.7	813.7	5,438.5	0.00	0.00	0.00	
15,000.0	90.40	179.59	9,387.1	-5,489.7	814.4	5,538.2	0.00	0.00	0.00	
15,100.0	90.40	179.59	9,386.4	-5,589.7	815.1	5,637.9	0.00	0.00	0.00	
15,200.0	90.40	179.59	9,385.7	-5,689.6	815.8	5,737.7	0.00	0.00	0.00	
15,300.0	90.40	179.59	9,385.0	-5,789.6	816.6	5,837.4	0.00	0.00	0.00	
15,400.0	90.40	179.59	9,384.3	-5,889.6	817.3	5,937.1	0.00	0.00	0.00	
15,500.0	90.40	179.59	9,383.6	-5,989.6	818.0	6,036.8	0.00	0.00	0.00	
15,600.0	90.40	179.59	9,382.9	-6,089.6	818.7	6,136.5	0.00	0.00	0.00	
15,700.0	90.40	179.59	9,382.2	-6,189.6	819.4	6,236.2	0.00	0.00	0.00	
15,800.0	90.40	179.59	9,381.5	-6,289.6	820.2	6,335.9	0.00	0.00	0.00	
15,900.0	90.40	179.59	9,380.8	-6,389.6	820.9	6,435.6	0.00	0.00	0.00	
16,000.0	90.40	179.59	9,380.1	-6,489.6	821.6	6,535.3	0.00	0.00	0.00	
16,100.0	90.40	179.59	9,379.4	-6,589.6	822.3	6,635.1	0.00	0.00	0.00	
16,200.0	90.40	179.59	9,378.7	-6,689.6	823.0	6,734.8	0.00	0.00	0.00	
16,300.0	90.40	179.59	9,378.0	-6,789.6	823.8	6,834.5	0.00	0.00	0.00	
16,400.0	90.40	179.59	9,377.3	-6,889.6	824.5	6,934.2	0.00	0.00	0.00	
16,500.0	90.40	179.59	9,376.6	-6,989.6	825.2	7,033.9	0.00	0.00	0.00	
16,600.0	90.40	179.59	9,375.9	-7,089.6	825.9	7,133.6	0.00	0.00	0.00	
16,700.0	90.40	179.59	9,375.2	-7,189.6	826.6	7,233.3	0.00	0.00	0.00	
16,800.0	90.40	179.59	9,374.5	-7,289.6	827.4	7,333.0	0.00	0.00	0.00	
16,900.0	90.40	179.59	9,373.8	-7,389.6	828.1	7,432.7	0.00	0.00	0.00	
17,000.0	90.40	179.59	9,373.1	-7,489.6	828.8	7,532.5	0.00	0.00	0.00	
17,100.0	90.40	179.59	9,372.4	-7,589.5	829.5	7,632.2	0.00	0.00	0.00	
17,200.0	90.40	179.59	9,371.7	-7,689.5	830.2	7,731.9	0.00	0.00	0.00	
17,300.0	90.40	179.59	9,371.0	-7,789.5	831.0	7,831.6	0.00	0.00	0.00	
17,400.0	90.40	179.59	9,370.3	-7,889.5	831.7	7,931.3	0.00	0.00	0.00	
17,500.0	90.40	179.59	9,369.6	-7,989.5	832.4	8,031.0	0.00	0.00	0.00	
17,600.0	90.40	179.59	9,368.9	-8,089.5	833.1	8,130.7	0.00	0.00	0.00	
17,700.0	90.40	179.59	9,368.2	-8,189.5	833.8	8,230.4	0.00	0.00	0.00	
17,800.0	90.40	179.59	9,367.5	-8,289.5	834.6	8,330.1	0.00	0.00	0.00	
17,900.0	90.40	179.59	9,366.8	-8,389.5	835.3	8,429.9	0.00	0.00	0.00	
18,000.0	90.40	179.59	9,366.1	-8,489.5	836.0	8,529.6	0.00	0.00	0.00	
18,100.0	90.40	179.59	9,365.4	-8,589.5	836.7	8,629.3	0.00	0.00	0.00	
18,200.0	90.40	179.59	9,364.7	-8,689.5	837.4	8,729.0	0.00	0.00	0.00	

Concho Resources LLC
Planning Report

Database:	EDM_Users	Local Co-ordinate Reference:	Well MYOX 28 ST COM #701H
Company:	NORTHERN DELAWARE BASIN	TVD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Project:	EDDY COUNTY, NM	MD Reference:	RKB=27 @ 2986.0usft (SCANDRILL FREEDOM)
Site:	MYOX 28 STATE COM	North Reference:	Grid
Well:	MYOX 28 ST COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PLAN 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
18,300.0	90.40	179.59	9,364.0	-8,789.5	838.2	8,828.7	0.00	0.00	0.00	
18,400.0	90.40	179.59	9,363.3	-8,889.5	838.9	8,928.4	0.00	0.00	0.00	
18,500.0	90.40	179.59	9,362.6	-8,989.5	839.6	9,028.1	0.00	0.00	0.00	
18,600.0	90.40	179.59	9,361.9	-9,089.5	840.3	9,127.8	0.00	0.00	0.00	
18,700.0	90.40	179.59	9,361.2	-9,189.5	841.0	9,227.6	0.00	0.00	0.00	
18,800.0	90.40	179.59	9,360.5	-9,289.5	841.8	9,327.3	0.00	0.00	0.00	
18,900.0	90.40	179.59	9,359.8	-9,389.5	842.5	9,427.0	0.00	0.00	0.00	
19,000.0	90.40	179.59	9,359.1	-9,489.5	843.2	9,526.7	0.00	0.00	0.00	
19,100.0	90.40	179.59	9,358.4	-9,589.4	843.9	9,626.4	0.00	0.00	0.00	
19,200.0	90.40	179.59	9,357.7	-9,689.4	844.6	9,726.1	0.00	0.00	0.00	
19,300.0	90.40	179.59	9,357.0	-9,789.4	845.4	9,825.8	0.00	0.00	0.00	
19,400.0	90.40	179.59	9,356.3	-9,889.4	846.1	9,925.5	0.00	0.00	0.00	
19,500.0	90.40	179.59	9,355.6	-9,989.4	846.8	10,025.2	0.00	0.00	0.00	
19,592.9	90.40	179.59	9,354.9	-10,082.3	847.5	10,117.9	0.00	0.00	0.00	
LTP-Myox 28 St Com #701H										
19,600.0	90.40	179.59	9,354.9	-10,089.4	847.5	10,125.0	0.00	0.00	0.00	
19,700.0	90.40	179.59	9,354.2	-10,189.4	848.2	10,224.7	0.00	0.00	0.00	
19,722.9	90.40	179.59	9,354.0	-10,212.3	848.4	10,247.5	0.00	0.00	0.00	
TD at 19722.9 - PBHL-Myox 28 St Com #701H										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
LTP-Myox 28 St Com #7	0.00	0.00	9,354.0	-10,082.3	849.2	392,806.00	577,049.70	32° 4' 46.903 N	104° 5' 4.440 W	
- plan misses target center by 2.0usft at 19592.9usft MD (9354.9 TVD, -10082.3 N, 847.5 E)										
- Point										
PBHL-Myox 28 St Com #7	0.40	359.59	9,354.0	-10,212.3	848.4	392,676.00	577,048.90	32° 4' 45.616 N	104° 5' 4.452 W	
- plan hits target center										
- Rectangle (sides W100.0 H10,161.4 D20.0)										
FTP-Myox 28 St Com #7	0.00	0.00	9,424.0	-73.6	776.4	402,814.70	576,976.90	32° 6' 25.955 N	104° 5' 5.018 W	
- plan misses target center by 282.5usft at 9679.7usft MD (9417.5 TVD, -219.1 N, 534.3 E)										
- Circle (radius 50.0)										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment	
4,500.0	4,500.0	0.0	0.0	Start Build 2.00	
4,750.0	4,749.7	6.3	8.9	Start 3614.1 hold at 4750.0 MD	
8,364.1	8,350.0	186.9	267.0	Start Drop -1.00	
8,864.1	8,849.4	199.4	284.8	Start 1.6 hold at 8864.1 MD	
8,865.7	8,851.0	199.4	284.8	Start Build 10.00	
9,769.7	9,423.9	-296.2	580.2	Start DLS 4.00 TFO 89.89	
10,529.4	9,418.5	-1,019.3	782.2	Start 9193.5 hold at 10529.4 MD	
19,722.9	9,354.0	-10,212.3	848.4	TD at 19722.9	



Project: EDDY COUNTY, NM
Site: MTXO 28 STATE COM
Well: MTXO 28 ST COM #701H
Wellbore: DWB
Design: PLAN 1
GL: 2593.0

WELL DETAILS: MVOX 28 ST COM #701H			
WGS	ELEV	Nothing	Nothing
0.0	0.0	402780.30	578700.50
		32° 8' 26.10" N	104° 5' 14.00" W

[illegible][illegible]