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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011

Permit 286971

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address		2. OGRID Number
COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701		229137
		3. API Number 30-015-47509
4. Property Code 329721	5. Property Name MYOX 4 28 STATE COM	6. Well No. 704H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	4	26S	28E	L	2398	S	1320	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	28	25S	28E	C	50	N	2175	W	Eddy

9. Pool Information

WILDCAT;WOLFCAMP GAS (ABOLISHED)	97489

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	2997
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	22708	Wolfcamp		10/13/2020
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	10.75	45.5	600	450	0
Int1	9.875	7.625	29.7	9500	1500	0
Prod	6.75	5.5	20	22708	3000	9000

Casing/Cement Program: Additional Comments

Drill 14-3/4" hole to ~600' w/ fresh water. Run 10-3/4" 45.5# J-55 BTC casing to TD and cement to surface in one stage. Drill 9-7/8" hole to ~9,500' with cut brine emulsion. Run 7-5/8 29.7# L-80 BTC to TD and cement to surface in single stage. Drill 6-3/4" vertical hole, curve & lateral to 22708' with OBM. Run 5-1/2" 20# P110 BTC casing from TD to surface and cement to 9000' in one stage.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.** Signature:		**OIL CONSERVATION DIVISION**	
Printed Name:	Electronically filed by Diane Kuykendall	Approved By:	Scott Cox
Title:	Production Accounting Director	Title:	Petroleum Engineer Supervisor
Email Address:	dkuykendall@concho.com	Approved Date: 10/5/2020	Expiration Date: 10/5/2022
Date: 9/28/2020	Phone: 432-685-4372	Conditions of Approval Attached	

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-015-	98220	Purple Sage ~~Wildcat~~; Wolfcamp

4 Property Code	5 Property Name	6 Well Number
	MYOX 4 28 STATE COM	704H

7 OGRID No.	8 Operator Name	9 Elevation
229137	COG OPERATING LLC	2997'

" Surface Location

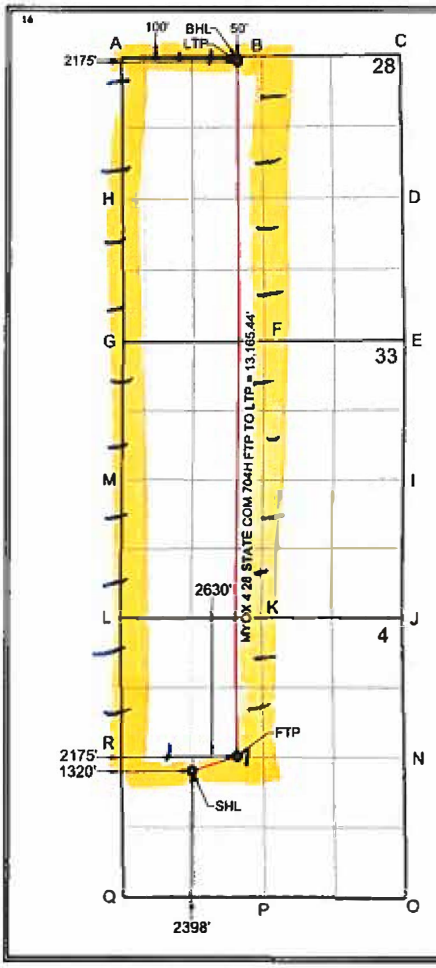
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	4	26-S	28-E		2398'	SOUTH	1320'	WEST	EDDY

" 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
C	28	25-S	28-E		50'	NORTH	2175'	WEST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
800			

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.



CORNER DATA
NEW MEXICO EAST - NAD 83

A - FOUND IRON PIPE W/ BRASS CAP N:403146.89' E:613348.71'
B - CALCULATED CORNER N:403170.35' E:615984.15'
C - FOUND IRON PIPE W/ BRASS. CAP N:403208.82' E:618594.32'
D - FOUND IRON PIPE W/ BRASS CAP N:400508.73' E:618649.12'
E - FOUND IRON PIPE W/ BRASS CAP N:397808.19' E:618708.10'
F - FOUND IRON PIPE W/ BRASS CAP N:397781.72' E:616048.82'
G - FOUND DISTURBED IRON ROD NO CAP N:397757.72' E:613392.35'
H - FOUND IRON PIPE W/ BRASS CAP N:400451.94' E:613369.78'
I - FOUND IRON PIPE W/ BRASS CAP N:395170.26' E:618689.77'
J - FOUND IRON PIPE W/ BRASS CAP N:392534.13' E:618872.01'
K - FOUND IRON PIPE W/ BRASS CAP N:392531.80' E:616012.57'
L - FOUND IRON PIPE W/ BRASS CAP N:392529.06' E:613351.46'
M - FOUND IRON PIPE W/ BRASS CAP N:395141.98' E:613371.66'
N - CALCULATED CORNER N:389881.51' E:618722.69'
O - FOUND IRON ROD NO CAP N:387228.88' E:618773.38'
P - CALCULATED CORNER N:387234.29' E:616099.89'
Q - CALCULATED CORNER N:387239.69' E:613426.41'
R - FOUND IRON ROD NO CAP N:389887.40' E:613383.37'

LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83	BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83
X=615524.40 Y=403066.25 LAT.= 32.10788175° N LONG.= 104.09373086° W 100' FNL, 2175' FWL SECTION 28	X=615524.01 Y=403116.25 LAT.= 32.10801920° N LONG.= 104.09373176° W 50' FNL, 2175' FWL SECTION 28

SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83	FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83
X=614708.12 Y=389634.78 LAT.= 32.07096438° N LONG.= 104.09646248° W 2398' FSL, 1320' FWL SECTION 4	X=615558.36 Y=389901.33 LAT.= 32.07169196° N LONG.= 104.09371566° W 2630' FNL, 2175' FWL SECTION 4

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 Date 9-24-2020

Mayte Reyes
Printed Name

mreyes1@concho.com
E-mail Address

" 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.

Date of Survey

Signature and Seal of Professional Surveyor

GARRETT J SMELKER
NEW MEXICO
25036
08/13/2020
PROFESSIONAL SURVEYOR

Certificate Number

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Santa Fe, NM 87505

GAS CAPTURE PLAN

Date: 10/5/2020

☒ Original

☐ Amended - Reason for Amendment:

Operator & OGRID No.: [229137] COG OPERATING LLC

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomplete to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
MYOX 4 28 STATE COM #704H	30-015-47509	L-4-26S-28E	2398S 1320W	5776	None	It will require additional line to connect to the facility but the amount is unknown currently. Processing Plant Location: Sec 35, Blk 57, T2S, Culberson County, TX

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to ETC Texas Pipeline, Ltd. and will be connected to ETC Texas Pipeline, Ltd. Low Pressure gathering system located in Eddy County, New Mexico. It will require 0' of pipeline to connect the facility to Low Pressure gathering system. COG OPERATING LLC provides (periodically) to ETC Texas Pipeline, Ltd. a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, COG OPERATING LLC and ETC Texas Pipeline, Ltd. have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at ETC Texas Pipeline, Ltd. Processing Plant located in Sec. 02, Twn. 26S, Rng. 28E, Eddy County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on ETC Texas Pipeline, Ltd. system at that time. Based on current information, it is COG OPERATING LLC's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
  - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
  - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
  - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

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Form APD Comments

Permit 286971

PERMIT COMMENTS

Operator Name and Address:	API Number:
COG OPERATING LLC [229137] 600 W Illinois Ave Midland, TX 79701	30-015-47509
	Well: MYOX 4 28 STATE COM #704H

Created By	Comment	Comment Date

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Form APD Conditions

Permit 286971

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
COG OPERATING LLC [229137] 600 W Illinois Ave Midland, TX 79701	30-015-47509
	Well: MYOX 4 28 STATE COM #704H

OCD Reviewer	Condition
kpickford	Will require a directional survey with the C-104
kpickford	Will require a administrative order for non-standard location prior to placing the well on production.
kpickford	Cement is required to circulate on both surface and intermediate1 strings of casing
kpickford	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
kpickford	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system
kpickford	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud
kpickford	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days

Intent ☐ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)
MYOX 4 28 & 16 ST COM PROJECT
MYOX 4 28 ST COM #704H

OWB

Plan: PWP1

Standard Survey Report

20 August, 2020

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

Project ATLAS PROSPECT (NM-E)

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		

Well MYOX 4 28 ST COM #704H

Well Position	**+N/-S**	0.0 usft	**Northing:**	389,577.31 usft	**Latitude:**	32° 4' 15.028 N
	+E/-W	0.0 usft	**Easting:**	573,523.66 usft	**Longitude:**	104° 5' 45.506 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	2,997.0 usft

Wellbore OWB

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/20/2020	6.87	59.71	47,436.51601271

Design PWP1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	3.46

Survey Tool Program **Date** 8/20/2020

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	8,729.4	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
8,729.4	22,707.0	PWP1 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction

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

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

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)
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
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
5,600.0	2.00	100.00	5,600.0	-0.3	1.7	-0.2	2.00	2.00	0.00

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

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)
5,700.0	4.00	100.00	5,699.8	-1.2	6.9	-0.8	2.00	2.00	0.00
5,750.0	5.00	100.00	5,749.7	-1.9	10.7	-1.2	2.00	2.00	0.00
Start 2993.5 hold at 5750.0 MD									
5,800.0	5.00	100.00	5,799.5	-2.6	15.0	-1.7	0.00	0.00	0.00
5,900.0	5.00	100.00	5,899.1	-4.2	23.6	-2.7	0.00	0.00	0.00
6,000.0	5.00	100.00	5,998.7	-5.7	32.2	-3.7	0.00	0.00	0.00
6,100.0	5.00	100.00	6,098.4	-7.2	40.8	-4.7	0.00	0.00	0.00
6,200.0	5.00	100.00	6,198.0	-8.7	49.4	-5.7	0.00	0.00	0.00
6,300.0	5.00	100.00	6,297.6	-10.2	57.9	-6.7	0.00	0.00	0.00
6,400.0	5.00	100.00	6,397.2	-11.7	66.5	-7.7	0.00	0.00	0.00
6,500.0	5.00	100.00	6,496.8	-13.2	75.1	-8.7	0.00	0.00	0.00
6,600.0	5.00	100.00	6,596.4	-14.8	83.7	-9.7	0.00	0.00	0.00
6,700.0	5.00	100.00	6,696.1	-16.3	92.3	-10.7	0.00	0.00	0.00
6,800.0	5.00	100.00	6,795.7	-17.8	100.9	-11.7	0.00	0.00	0.00
6,900.0	5.00	100.00	6,895.3	-19.3	109.4	-12.6	0.00	0.00	0.00
7,000.0	5.00	100.00	6,994.9	-20.8	118.0	-13.6	0.00	0.00	0.00
7,100.0	5.00	100.00	7,094.5	-22.3	126.6	-14.6	0.00	0.00	0.00
7,200.0	5.00	100.00	7,194.2	-23.8	135.2	-15.6	0.00	0.00	0.00
7,300.0	5.00	100.00	7,293.8	-25.4	143.8	-16.6	0.00	0.00	0.00
7,400.0	5.00	100.00	7,393.4	-26.9	152.4	-17.6	0.00	0.00	0.00
7,500.0	5.00	100.00	7,493.0	-28.4	160.9	-18.6	0.00	0.00	0.00
7,600.0	5.00	100.00	7,592.6	-29.9	169.5	-19.6	0.00	0.00	0.00
7,700.0	5.00	100.00	7,692.3	-31.4	178.1	-20.6	0.00	0.00	0.00
7,800.0	5.00	100.00	7,791.9	-32.9	186.7	-21.6	0.00	0.00	0.00
7,900.0	5.00	100.00	7,891.5	-34.4	195.3	-22.6	0.00	0.00	0.00
8,000.0	5.00	100.00	7,991.1	-35.9	203.9	-23.6	0.00	0.00	0.00
8,100.0	5.00	100.00	8,090.7	-37.5	212.4	-24.6	0.00	0.00	0.00
8,200.0	5.00	100.00	8,190.4	-39.0	221.0	-25.5	0.00	0.00	0.00
8,300.0	5.00	100.00	8,290.0	-40.5	229.6	-26.5	0.00	0.00	0.00
8,400.0	5.00	100.00	8,389.6	-42.0	238.2	-27.5	0.00	0.00	0.00
8,500.0	5.00	100.00	8,489.2	-43.5	246.8	-28.5	0.00	0.00	0.00
8,600.0	5.00	100.00	8,588.8	-45.0	255.4	-29.5	0.00	0.00	0.00
8,700.0	5.00	100.00	8,688.5	-46.5	263.9	-30.5	0.00	0.00	0.00
8,743.5	5.00	100.00	8,731.8	-47.2	267.7	-30.9	0.00	0.00	0.00
Start DLS 10.00 TFO -74.10									
8,800.0	8.50	60.19	8,787.9	-45.5	273.7	-28.9	10.00	6.20	-70.47
8,900.0	17.67	41.27	8,885.3	-30.4	290.2	-12.8	10.00	9.17	-18.92
9,000.0	27.41	35.29	8,977.5	-0.2	313.6	18.8	10.00	9.75	-5.98
9,100.0	37.29	32.30	9,061.9	44.4	343.1	65.0	10.00	9.87	-2.99
9,200.0	47.21	30.42	9,135.8	101.8	378.0	124.4	10.00	9.92	-1.88
9,300.0	57.15	29.07	9,197.1	170.3	417.1	195.2	10.00	9.94	-1.35
9,400.0	67.11	27.99	9,243.8	247.9	459.2	275.2	10.00	9.95	-1.08
9,500.0	77.07	27.06	9,274.5	332.2	503.1	361.9	10.00	9.96	-0.93
9,600.0	87.03	26.20	9,288.3	420.6	547.4	452.9	10.00	9.96	-0.86

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

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)
9,624.9	89.51	25.99	9,289.0	442.9	558.3	475.8	10.00	9.96	-0.84
Start DLS 2.00 TFO -90.11									
9,700.0	89.51	24.49	9,289.7	510.9	590.4	545.6	2.00	0.00	-2.00
9,800.0	89.50	22.49	9,290.6	602.6	630.2	639.5	2.00	0.00	-2.00
9,900.0	89.50	20.49	9,291.4	695.6	666.9	734.6	2.00	0.00	-2.00
10,000.0	89.50	18.49	9,292.3	789.9	700.2	830.7	2.00	0.00	-2.00
10,100.0	89.50	16.49	9,293.2	885.2	730.3	927.7	2.00	0.00	-2.00
10,200.0	89.50	14.49	9,294.0	981.6	757.0	1,025.5	2.00	0.00	-2.00
10,300.0	89.50	12.49	9,294.9	1,078.8	780.3	1,124.0	2.00	0.00	-2.00
10,400.0	89.50	10.49	9,295.8	1,176.8	800.2	1,223.0	2.00	0.00	-2.00
10,500.0	89.50	8.49	9,296.7	1,275.4	816.7	1,322.4	2.00	0.00	-2.00
10,600.0	89.50	6.49	9,297.5	1,374.6	829.8	1,422.2	2.00	0.00	-2.00
10,700.0	89.50	4.49	9,298.4	1,474.1	839.3	1,522.1	2.00	0.00	-2.00
10,800.0	89.51	2.49	9,299.3	1,573.9	845.4	1,622.1	2.00	0.00	-2.00
10,900.0	89.51	0.49	9,300.1	1,673.9	848.0	1,722.0	2.00	0.00	-2.00
10,947.4	89.51	359.54	9,300.5	1,721.2	848.0	1,769.3	2.00	0.00	-2.00
Start 1175.3 hold at 10947.4 MD									
11,000.0	89.51	359.54	9,301.0	1,773.9	847.6	1,821.8	0.00	0.00	0.00
11,100.0	89.51	359.54	9,301.8	1,873.8	846.8	1,921.6	0.00	0.00	0.00
11,200.0	89.51	359.54	9,302.7	1,973.8	846.0	2,021.4	0.00	0.00	0.00
11,300.0	89.51	359.54	9,303.5	2,073.8	845.2	2,121.1	0.00	0.00	0.00
11,400.0	89.51	359.54	9,304.4	2,173.8	844.4	2,220.9	0.00	0.00	0.00
11,500.0	89.51	359.54	9,305.2	2,273.8	843.6	2,320.6	0.00	0.00	0.00
11,600.0	89.51	359.54	9,306.1	2,373.8	842.8	2,420.4	0.00	0.00	0.00
11,700.0	89.51	359.54	9,306.9	2,473.8	842.0	2,520.2	0.00	0.00	0.00
11,800.0	89.51	359.54	9,307.8	2,573.8	841.2	2,619.9	0.00	0.00	0.00
11,900.0	89.51	359.54	9,308.6	2,673.8	840.4	2,719.7	0.00	0.00	0.00
12,000.0	89.51	359.54	9,309.5	2,773.8	839.6	2,819.5	0.00	0.00	0.00
12,100.0	89.51	359.54	9,310.3	2,873.8	838.8	2,919.2	0.00	0.00	0.00
12,122.7	89.51	359.54	9,310.5	2,896.5	838.7	2,941.9	0.00	0.00	0.00
Start DLS 2.00 TFO 90.32									
12,157.0	89.51	0.23	9,310.8	2,930.8	838.6	2,976.1	2.00	-0.01	2.00
Start 5211.8 hold at 12157.0 MD									
12,200.0	89.51	0.23	9,311.2	2,973.8	838.8	3,019.0	0.00	0.00	0.00
12,300.0	89.51	0.23	9,312.0	3,073.8	839.2	3,118.9	0.00	0.00	0.00
12,400.0	89.51	0.23	9,312.9	3,173.8	839.6	3,218.7	0.00	0.00	0.00
12,500.0	89.51	0.23	9,313.7	3,273.8	840.0	3,318.5	0.00	0.00	0.00
12,600.0	89.51	0.23	9,314.6	3,373.8	840.3	3,418.4	0.00	0.00	0.00
12,700.0	89.51	0.23	9,315.4	3,473.8	840.7	3,518.2	0.00	0.00	0.00
12,800.0	89.51	0.23	9,316.3	3,573.7	841.1	3,618.0	0.00	0.00	0.00
12,900.0	89.51	0.23	9,317.2	3,673.7	841.5	3,717.9	0.00	0.00	0.00
13,000.0	89.51	0.23	9,318.0	3,773.7	841.9	3,817.7	0.00	0.00	0.00
13,100.0	89.51	0.23	9,318.9	3,873.7	842.3	3,917.6	0.00	0.00	0.00
13,200.0	89.51	0.23	9,319.7	3,973.7	842.7	4,017.4	0.00	0.00	0.00

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

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)
13,300.0	89.51	0.23	9,320.6	4,073.7	843.1	4,117.2	0.00	0.00	0.00
13,400.0	89.51	0.23	9,321.4	4,173.7	843.5	4,217.1	0.00	0.00	0.00
13,500.0	89.51	0.23	9,322.3	4,273.7	843.9	4,316.9	0.00	0.00	0.00
13,600.0	89.51	0.23	9,323.1	4,373.7	844.3	4,416.7	0.00	0.00	0.00
13,700.0	89.51	0.23	9,324.0	4,473.7	844.7	4,516.6	0.00	0.00	0.00
13,800.0	89.51	0.23	9,324.9	4,573.7	845.1	4,616.4	0.00	0.00	0.00
13,900.0	89.51	0.23	9,325.7	4,673.7	845.5	4,716.3	0.00	0.00	0.00
14,000.0	89.51	0.23	9,326.6	4,773.7	845.9	4,816.1	0.00	0.00	0.00
14,100.0	89.51	0.23	9,327.4	4,873.7	846.3	4,915.9	0.00	0.00	0.00
14,200.0	89.51	0.23	9,328.3	4,973.7	846.7	5,015.8	0.00	0.00	0.00
14,300.0	89.51	0.23	9,329.1	5,073.7	847.1	5,115.6	0.00	0.00	0.00
14,400.0	89.51	0.23	9,330.0	5,173.7	847.5	5,215.4	0.00	0.00	0.00
14,500.0	89.51	0.23	9,330.8	5,273.7	847.9	5,315.3	0.00	0.00	0.00
14,600.0	89.51	0.23	9,331.7	5,373.7	848.3	5,415.1	0.00	0.00	0.00
14,700.0	89.51	0.23	9,332.6	5,473.7	848.7	5,514.9	0.00	0.00	0.00
14,800.0	89.51	0.23	9,333.4	5,573.7	849.1	5,614.8	0.00	0.00	0.00
14,900.0	89.51	0.23	9,334.3	5,673.7	849.5	5,714.6	0.00	0.00	0.00
15,000.0	89.51	0.23	9,335.1	5,773.6	849.9	5,814.5	0.00	0.00	0.00
15,100.0	89.51	0.23	9,336.0	5,873.6	850.3	5,914.3	0.00	0.00	0.00
15,200.0	89.51	0.23	9,336.8	5,973.6	850.7	6,014.1	0.00	0.00	0.00
15,300.0	89.51	0.23	9,337.7	6,073.6	851.1	6,114.0	0.00	0.00	0.00
15,400.0	89.51	0.23	9,338.5	6,173.6	851.5	6,213.8	0.00	0.00	0.00
15,500.0	89.51	0.23	9,339.4	6,273.6	851.9	6,313.6	0.00	0.00	0.00
15,600.0	89.51	0.23	9,340.3	6,373.6	852.3	6,413.5	0.00	0.00	0.00
15,700.0	89.51	0.23	9,341.1	6,473.6	852.7	6,513.3	0.00	0.00	0.00
15,800.0	89.51	0.23	9,342.0	6,573.6	853.1	6,613.2	0.00	0.00	0.00
15,900.0	89.51	0.23	9,342.8	6,673.6	853.5	6,713.0	0.00	0.00	0.00
16,000.0	89.51	0.23	9,343.7	6,773.6	853.9	6,812.8	0.00	0.00	0.00
16,100.0	89.51	0.23	9,344.5	6,873.6	854.3	6,912.7	0.00	0.00	0.00
16,200.0	89.51	0.23	9,345.4	6,973.6	854.7	7,012.5	0.00	0.00	0.00
16,300.0	89.51	0.23	9,346.3	7,073.6	855.1	7,112.3	0.00	0.00	0.00
16,400.0	89.51	0.23	9,347.1	7,173.6	855.5	7,212.2	0.00	0.00	0.00
16,500.0	89.51	0.23	9,348.0	7,273.6	855.9	7,312.0	0.00	0.00	0.00
16,600.0	89.51	0.23	9,348.8	7,373.6	856.3	7,411.8	0.00	0.00	0.00
16,700.0	89.51	0.23	9,349.7	7,473.6	856.7	7,511.7	0.00	0.00	0.00
16,800.0	89.51	0.23	9,350.5	7,573.6	857.1	7,611.5	0.00	0.00	0.00
16,900.0	89.51	0.23	9,351.4	7,673.6	857.5	7,711.4	0.00	0.00	0.00
17,000.0	89.51	0.23	9,352.2	7,773.6	857.9	7,811.2	0.00	0.00	0.00
17,100.0	89.51	0.23	9,353.1	7,873.6	858.3	7,911.0	0.00	0.00	0.00
17,200.0	89.51	0.23	9,354.0	7,973.5	858.7	8,010.9	0.00	0.00	0.00
17,300.0	89.51	0.23	9,354.8	8,073.5	859.1	8,110.7	0.00	0.00	0.00
17,368.8	89.51	0.23	9,355.4	8,142.4	859.4	8,179.4	0.00	0.00	0.00

Start DLS 2.00 TFO -89.92

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

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)
17,400.0	89.51	359.60	9,355.7	8,173.5	859.3	8,210.5	2.00	0.00	-2.00
17,403.5	89.51	359.53	9,355.7	8,177.1	859.3	8,214.0	2.00	0.00	-2.00
Start 5304.5 hold at 17403.5 MD									
17,500.0	89.51	359.53	9,356.5	8,273.5	858.5	8,310.3	0.00	0.00	0.00
17,600.0	89.51	359.53	9,357.4	8,373.5	857.7	8,410.1	0.00	0.00	0.00
17,700.0	89.51	359.53	9,358.2	8,473.5	856.9	8,509.8	0.00	0.00	0.00
17,800.0	89.51	359.53	9,359.1	8,573.5	856.1	8,609.6	0.00	0.00	0.00
17,900.0	89.51	359.53	9,359.9	8,673.5	855.2	8,709.3	0.00	0.00	0.00
18,000.0	89.51	359.53	9,360.8	8,773.5	854.4	8,809.1	0.00	0.00	0.00
18,100.0	89.51	359.53	9,361.6	8,873.5	853.6	8,908.9	0.00	0.00	0.00
18,200.0	89.51	359.53	9,362.5	8,973.5	852.8	9,008.6	0.00	0.00	0.00
18,300.0	89.51	359.53	9,363.4	9,073.5	852.0	9,108.4	0.00	0.00	0.00
18,400.0	89.51	359.53	9,364.2	9,173.5	851.2	9,208.1	0.00	0.00	0.00
18,500.0	89.51	359.53	9,365.1	9,273.5	850.4	9,307.9	0.00	0.00	0.00
18,600.0	89.51	359.53	9,365.9	9,373.5	849.6	9,407.7	0.00	0.00	0.00
18,700.0	89.51	359.53	9,366.8	9,473.5	848.7	9,507.4	0.00	0.00	0.00
18,800.0	89.51	359.53	9,367.6	9,573.4	847.9	9,607.2	0.00	0.00	0.00
18,900.0	89.51	359.53	9,368.5	9,673.4	847.1	9,706.9	0.00	0.00	0.00
19,000.0	89.51	359.53	9,369.3	9,773.4	846.3	9,806.7	0.00	0.00	0.00
19,100.0	89.51	359.53	9,370.2	9,873.4	845.5	9,906.5	0.00	0.00	0.00
19,200.0	89.51	359.53	9,371.0	9,973.4	844.7	10,006.2	0.00	0.00	0.00
19,300.0	89.51	359.53	9,371.9	10,073.4	843.9	10,106.0	0.00	0.00	0.00
19,400.0	89.51	359.53	9,372.7	10,173.4	843.0	10,205.8	0.00	0.00	0.00
19,500.0	89.51	359.53	9,373.6	10,273.4	842.2	10,305.5	0.00	0.00	0.00
19,600.0	89.51	359.53	9,374.5	10,373.4	841.4	10,405.3	0.00	0.00	0.00
19,700.0	89.51	359.53	9,375.3	10,473.4	840.6	10,505.0	0.00	0.00	0.00
19,800.0	89.51	359.53	9,376.2	10,573.4	839.8	10,604.8	0.00	0.00	0.00
19,900.0	89.51	359.53	9,377.0	10,673.4	839.0	10,704.6	0.00	0.00	0.00
20,000.0	89.51	359.53	9,377.9	10,773.4	838.2	10,804.3	0.00	0.00	0.00
20,100.0	89.51	359.53	9,378.7	10,873.4	837.4	10,904.1	0.00	0.00	0.00
20,200.0	89.51	359.53	9,379.6	10,973.3	836.5	11,003.8	0.00	0.00	0.00
20,300.0	89.51	359.53	9,380.4	11,073.3	835.7	11,103.6	0.00	0.00	0.00
20,400.0	89.51	359.53	9,381.3	11,173.3	834.9	11,203.4	0.00	0.00	0.00
20,500.0	89.51	359.53	9,382.1	11,273.3	834.1	11,303.1	0.00	0.00	0.00
20,600.0	89.51	359.53	9,383.0	11,373.3	833.3	11,402.9	0.00	0.00	0.00
20,700.0	89.51	359.53	9,383.9	11,473.3	832.5	11,502.6	0.00	0.00	0.00
20,800.0	89.51	359.53	9,384.7	11,573.3	831.7	11,602.4	0.00	0.00	0.00
20,900.0	89.51	359.53	9,385.6	11,673.3	830.9	11,702.2	0.00	0.00	0.00
21,000.0	89.51	359.53	9,386.4	11,773.3	830.0	11,801.9	0.00	0.00	0.00
21,100.0	89.51	359.53	9,387.3	11,873.3	829.2	11,901.7	0.00	0.00	0.00
21,200.0	89.51	359.53	9,388.1	11,973.3	828.4	12,001.5	0.00	0.00	0.00
21,300.0	89.51	359.53	9,389.0	12,073.3	827.6	12,101.2	0.00	0.00	0.00
21,400.0	89.51	359.53	9,389.8	12,173.3	826.8	12,201.0	0.00	0.00	0.00
21,500.0	89.51	359.53	9,390.7	12,273.3	826.0	12,300.7	0.00	0.00	0.00

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

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)
21,600.0	89.51	359.53	9,391.5	12,373.2	825.2	12,400.5	0.00	0.00	0.00
21,700.0	89.51	359.53	9,392.4	12,473.2	824.3	12,500.3	0.00	0.00	0.00
21,800.0	89.51	359.53	9,393.2	12,573.2	823.5	12,600.0	0.00	0.00	0.00
21,900.0	89.51	359.53	9,394.1	12,673.2	822.7	12,699.8	0.00	0.00	0.00
22,000.0	89.51	359.53	9,395.0	12,773.2	821.9	12,799.5	0.00	0.00	0.00
22,100.0	89.51	359.53	9,395.8	12,873.2	821.1	12,899.3	0.00	0.00	0.00
22,200.0	89.51	359.53	9,396.7	12,973.2	820.3	12,999.1	0.00	0.00	0.00
22,300.0	89.51	359.53	9,397.5	13,073.2	819.5	13,098.8	0.00	0.00	0.00
22,400.0	89.51	359.53	9,398.4	13,173.2	818.7	13,198.6	0.00	0.00	0.00
22,500.0	89.51	359.53	9,399.2	13,273.2	817.8	13,298.4	0.00	0.00	0.00
22,600.0	89.51	359.53	9,400.1	13,373.2	817.0	13,398.1	0.00	0.00	0.00
22,700.0	89.51	359.53	9,400.9	13,473.2	816.2	13,497.9	0.00	0.00	0.00
22,708.0	89.51	359.53	9,401.0	13,481.2	816.1	13,505.9	0.00	0.00	0.00
TD at 22708.0									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (MYOX 4 28 ST (	0.00	0.00	9,289.0	266.5	850.2	389,843.85	574,373.88	32° 4' 17.648 N	104° 5' 35.618 W
- plan misses target center by 339.7usft at 9598.1usft MD (9288.2 TVD, 418.9 N, 546.6 E)									
- Circle (radius 50.0)									
T1 (MYOX 4 28 ST C(	-0.49	179.54	9,310.5	2,896.5	838.7	392,473.79	574,362.31	32° 4' 43.675 N	104° 5' 35.684 W
- plan hits target center									
- Rectangle (sides W100.0 H2,935.0 D20.0)									
T2 (MYOX 4 28 ST C(	-0.49	180.23	9,355.4	8,142.4	859.4	397,719.67	574,383.02	32° 5' 35.591 N	104° 5' 35.308 W
- plan hits target center									
- Rectangle (sides W100.0 H5,245.0 D20.0)									
PBHL (MYOX 4 28 ST	-0.49	179.53	9,401.0	13,481.2	816.1	403,058.51	574,339.81	32° 6' 28.427 N	104° 5' 35.672 W
- plan hits target center									
- Rectangle (sides W100.0 H5,340.0 D20.0)									
LTP (MYOX 4 28 ST (	0.00	0.00	9,401.0	13,431.2	816.5	403,008.51	574,340.20	32° 6' 27.932 N	104° 5' 35.668 W
- plan misses target center by 0.4usft at 22658.0usft MD (9400.6 TVD, 13431.2 N, 816.6 E)									
- Point									

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well MYOX 4 28 ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	*KB=30' @ 3027.0usft (TBD)
Site:	MYOX 4 28 & 16 ST COM PROJECT	**MD Reference:**	*KB=30' @ 3027.0usft (TBD)
Well:	MYOX 4 28 ST COM #704H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	edm

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
5500	5500	0	0	Start Build 2.00
5750	5750	-2	11	Start 2993.5 hold at 5750.0 MD
8744	8732	-47	268	Start DLS 10.00 TFO -74.10
9625	9289	443	558	Start DLS 2.00 TFO -90.11
10,947	9301	1721	848	Start 1175.3 hold at 10947.4 MD
12,123	9311	2896	839	Start DLS 2.00 TFO 90.32
12,157	9311	2931	839	Start 5211.8 hold at 12157.0 MD
17,369	9355	8142	859	Start DLS 2.00 TFO -89.92
17,404	9356	8177	859	Start 5304.5 hold at 17403.5 MD
22,708	9401	13,481	816	TD at 22708.0

Checked By: _____ Approved By: _____ Date: _____