

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 – 015-46599	⁵ Pool Name Purple Sage; Wolfcamp		⁶ Pool Code 98220
⁷ Property Code 38521	⁸ Property Name Myox 21 State Com		⁹ Well Number 701H

II. ¹⁰ Surface Location

Ul or lot no. A	Section 28	Township 25S	Range 28E	Lot Idn	Feet from the 245	North/South Line North	Feet from the 925	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. A	Section 16	Township 25S	Range 28E	Lot Idn	Feet from the 198	North/South Line North	Feet from the 365	East/West line East	County Eddy
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	ACC (Alpha Crude Connector Pipeline)	O
282301	Energy Transfer Company 2001 Bryan Street Ste 3700 Dallas, TX 75201	G
278421	Holly Refining and Marketing	O

IV. Well Completion Data

²¹ Spud Date 1/19/20	²² Ready Date 10/29/20	²³ TD 19,939’	²⁴ PBTD 19,760’	²⁵ Perforations 9,616-19,757’	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14 3/4”	10 3/4”	651’		517	
9 7/8”	7 5/8”	8804’		1960	
6 3/4”	5 1/2”	19939’		1800	
	2 7/8”	8918’’			

V. Well Test Data

³¹ Date New Oil 11/17/20	³² Gas Delivery Date 11/17/20	³³ Test Date 11/17/20	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 1605#	³⁶ Csg. Pressure 1571#
³⁷ Choke Size 28/64	³⁸ Oil 124	³⁹ Water 2946	⁴⁰ Gas 308		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Amanda Avery Printed name: Amanda Avery Title: Regulatory Analyst E-mail Address: aavery@concho.com Date: 12/3/20	OIL CONSERVATION DIVISION	
	Approved by: 	
	Title: BUSINESS OP. SPEC.	
	Approval Date: 01/13/2021	

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, Aztec, NM 87410
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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-46599	2 Pool Code 98220	3 Pool Name Purple Sage; Wolfcamp
4 Property Code 38521	5 Property Name MYOX 21 STATE COM	6 Well Number 701H
7 OGRID No. 229137	8 Operator Name COG OPERATING LLC	9 Elevation 2958'

10 Surface Location

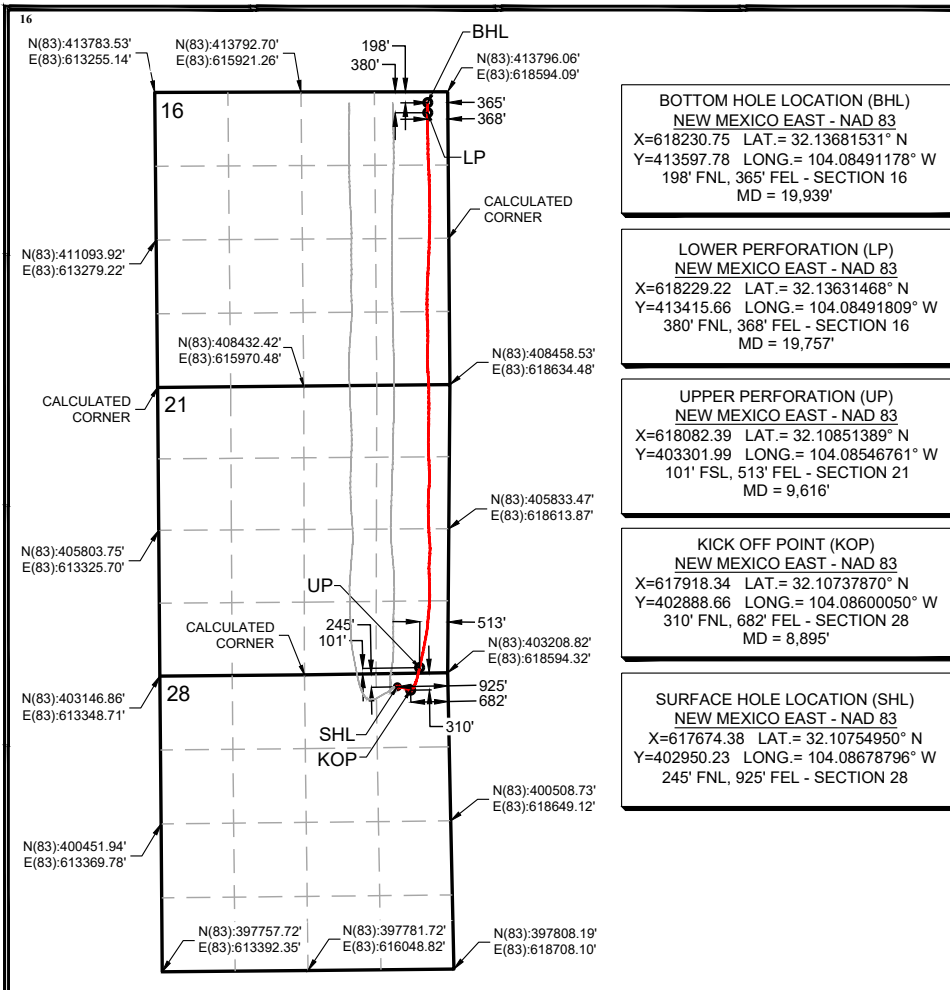
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	25-S	28-E		245'	NORTH	925'	EAST	EDDY

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
A	16	25-S	28-E		198'	NORTH	365'	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 interests 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.

Amanda Avery 12/3/20
Signature Date

Amanda Avery
Printed Name

aavery@concho.com
E-mail Address

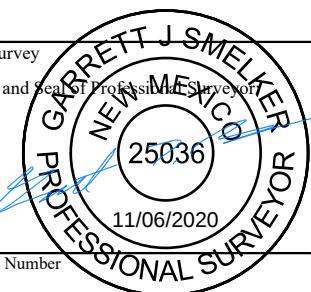
18 SURVEYOR CERTIFICATION

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.

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number



NORTHERN DELAWARE BASIN

EDDY COUNTY, NM

MYOX 21 ST COM

MYOX 21 ST COM #701H

OWB

Design: AWP

Standard Survey Report

20 April, 2020

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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		

Well	MYOX 21 ST COM #701H, ACTIVE				
Well Position	+N/-S	0.0 usft	Northing:	402,892.47 usft	Latitude: 32° 6' 26.736 N
	+E/-W	0.0 usft	Easting:	576,490.13 usft	Longitude: 104° 5' 10.675 W
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft	Ground Level: 2,958.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/27/2020	6.88	59.84	47,533.19647891

Design	AWP				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	3.18	

Survey Program	Date	4/20/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	8,668.0	GYRO-INTER (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
8,854.0	19,939.0	MWD-CURVE/LAT (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction	

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	0.45	45.58	100.0	0.3	0.3	0.3	0.45	0.45	0.00	
125.0	0.48	29.42	125.0	0.4	0.4	0.5	0.54	0.12	-64.64	
150.0	0.52	35.84	150.0	0.6	0.5	0.6	0.28	0.16	25.68	
175.0	0.53	38.07	175.0	0.8	0.7	0.8	0.09	0.04	8.92	
200.0	0.48	33.51	200.0	1.0	0.8	1.0	0.26	-0.20	-18.24	
225.0	0.51	12.32	225.0	1.2	0.9	1.2	0.74	0.12	-84.76	
250.0	0.55	8.46	250.0	1.4	0.9	1.5	0.21	0.16	-15.44	
275.0	0.64	357.33	275.0	1.7	0.9	1.7	0.58	0.36	-44.52	
300.0	0.64	1.09	300.0	1.9	0.9	2.0	0.17	0.00	15.04	
325.0	0.69	356.92	325.0	2.2	0.9	2.3	0.28	0.20	-16.68	
350.0	0.65	2.71	350.0	2.5	0.9	2.6	0.31	-0.16	23.16	
375.0	0.54	14.51	375.0	2.8	0.9	2.8	0.66	-0.44	47.20	
400.0	0.38	17.54	400.0	3.0	1.0	3.0	0.65	-0.64	12.12	
425.0	0.38	88.16	425.0	3.1	1.1	3.1	1.76	0.00	282.48	

Concho Resources LLC

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Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
450.0	0.26	80.26	450.0	3.1	1.2	3.1	0.51	-0.48	-31.60
475.0	0.24	75.00	475.0	3.1	1.4	3.2	0.12	-0.08	-21.04
500.0	0.34	88.00	500.0	3.1	1.5	3.2	0.48	0.40	52.00
525.0	0.35	88.29	525.0	3.1	1.6	3.2	0.04	0.04	1.16
550.0	0.35	85.29	550.0	3.1	1.8	3.2	0.07	0.00	-12.00
575.0	0.26	77.75	575.0	3.1	1.9	3.2	0.39	-0.36	-30.16
600.0	0.34	77.41	600.0	3.2	2.0	3.3	0.32	0.32	-1.36
625.0	0.31	72.02	625.0	3.2	2.2	3.3	0.17	-0.12	-21.56
650.0	0.35	23.46	650.0	3.3	2.3	3.4	1.10	0.16	-194.24
675.0	0.47	11.14	675.0	3.5	2.3	3.6	0.59	0.48	-49.28
700.0	0.50	348.99	700.0	3.7	2.3	3.8	0.75	0.12	-88.60
725.0	0.52	353.48	725.0	3.9	2.3	4.0	0.18	0.08	17.96
750.0	0.58	350.55	750.0	4.1	2.3	4.2	0.26	0.24	-11.72
775.0	0.52	1.57	775.0	4.4	2.2	4.5	0.49	-0.24	44.08
800.0	0.58	353.06	800.0	4.6	2.2	4.7	0.40	0.24	-34.04
825.0	0.61	355.58	825.0	4.9	2.2	5.0	0.16	0.12	10.08
850.0	0.56	348.98	850.0	5.1	2.2	5.2	0.34	-0.20	-26.40
875.0	0.52	333.69	875.0	5.3	2.1	5.4	0.60	-0.16	-61.16
900.0	0.49	321.74	900.0	5.5	2.0	5.6	0.44	-0.12	-47.80
925.0	0.44	333.11	925.0	5.7	1.9	5.8	0.42	-0.20	45.48
950.0	0.50	332.03	950.0	5.9	1.8	6.0	0.24	0.24	-4.32
975.0	0.46	334.08	975.0	6.1	1.7	6.1	0.17	-0.16	8.20
1,000.0	0.47	316.31	1,000.0	6.2	1.6	6.3	0.58	0.04	-71.08
1,025.0	0.49	324.19	1,025.0	6.4	1.4	6.5	0.28	0.08	31.52
1,050.0	0.47	310.10	1,050.0	6.5	1.3	6.6	0.48	-0.08	-56.36
1,075.0	0.59	278.81	1,075.0	6.6	1.1	6.7	1.23	0.48	-125.16
1,100.0	0.80	257.42	1,100.0	6.6	0.8	6.6	1.32	0.84	-85.56
1,125.0	0.70	252.52	1,125.0	6.5	0.5	6.5	0.47	-0.40	-19.60
1,150.0	0.69	260.33	1,150.0	6.5	0.2	6.5	0.38	-0.04	31.24
1,175.0	0.63	193.88	1,175.0	6.3	0.0	6.3	2.90	-0.24	-265.80
1,200.0	1.07	145.44	1,200.0	6.0	0.1	6.0	3.22	1.76	-193.76
1,225.0	1.25	139.35	1,224.9	5.6	0.4	5.6	0.87	0.72	-24.36
1,250.0	1.15	142.44	1,249.9	5.2	0.7	5.2	0.48	-0.40	12.36
1,275.0	1.18	145.12	1,274.9	4.8	1.0	4.8	0.25	0.12	10.72
1,300.0	1.04	152.77	1,299.9	4.3	1.3	4.4	0.81	-0.56	30.60
1,325.0	1.18	147.65	1,324.9	3.9	1.5	4.0	0.69	0.56	-20.48
1,350.0	0.97	149.28	1,349.9	3.5	1.8	3.6	0.85	-0.84	6.52
1,375.0	0.98	148.71	1,374.9	3.2	2.0	3.3	0.06	0.04	-2.28
1,400.0	1.01	153.69	1,399.9	2.8	2.2	2.9	0.37	0.12	19.92
1,425.0	0.94	159.88	1,424.9	2.4	2.4	2.5	0.51	-0.28	24.76
1,450.0	0.92	134.31	1,449.9	2.1	2.6	2.2	1.65	-0.08	-102.28
1,475.0	1.15	86.90	1,474.9	1.9	3.0	2.1	3.43	0.92	-189.64
1,500.0	1.22	84.96	1,499.9	2.0	3.5	2.2	0.32	0.28	-7.76

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)	
1,525.0	1.32	83.79	1,524.9	2.0	4.0	2.2	0.41	0.40	-4.68	
1,550.0	1.28	82.65	1,549.9	2.1	4.6	2.3	0.19	-0.16	-4.56	
1,575.0	1.18	82.04	1,574.9	2.2	5.1	2.4	0.40	-0.40	-2.44	
1,600.0	1.13	82.82	1,599.9	2.2	5.6	2.5	0.21	-0.20	3.12	
1,625.0	1.09	71.85	1,624.9	2.3	6.1	2.7	0.86	-0.16	-43.88	
1,650.0	1.06	64.06	1,649.9	2.5	6.5	2.9	0.60	-0.12	-31.16	
1,675.0	0.91	65.47	1,674.9	2.7	6.9	3.1	0.61	-0.60	5.64	
1,700.0	0.99	69.76	1,699.9	2.8	7.3	3.2	0.43	0.32	17.16	
1,725.0	1.12	70.23	1,724.9	3.0	7.7	3.4	0.52	0.52	1.88	
1,750.0	1.08	68.59	1,749.9	3.2	8.2	3.6	0.20	-0.16	-6.56	
1,775.0	1.21	74.95	1,774.8	3.3	8.7	3.8	0.73	0.52	25.44	
1,800.0	1.62	79.18	1,799.8	3.5	9.3	4.0	1.69	1.64	16.92	
1,825.0	1.84	83.69	1,824.8	3.6	10.0	4.1	1.03	0.88	18.04	
1,850.0	3.21	90.19	1,849.8	3.6	11.1	4.2	5.59	5.48	26.00	
1,875.0	3.81	93.37	1,874.8	3.6	12.6	4.3	2.52	2.40	12.72	
1,900.0	3.95	94.21	1,899.7	3.4	14.3	4.2	0.60	0.56	3.36	
1,925.0	4.01	95.57	1,924.6	3.3	16.1	4.2	0.45	0.24	5.44	
1,950.0	4.25	95.62	1,949.6	3.1	17.9	4.1	0.96	0.96	0.20	
1,975.0	4.30	95.96	1,974.5	2.9	19.7	4.0	0.22	0.20	1.36	
2,000.0	4.36	95.93	1,999.4	2.7	21.6	3.9	0.24	0.24	-0.12	
2,025.0	4.38	95.60	2,024.4	2.5	23.5	3.8	0.13	0.08	-1.32	
2,050.0	4.59	96.09	2,049.3	2.3	25.4	3.8	0.85	0.84	1.96	
2,075.0	4.87	96.93	2,074.2	2.1	27.5	3.6	1.15	1.12	3.36	
2,100.0	5.53	97.38	2,099.1	1.8	29.7	3.5	2.65	2.64	1.80	
2,125.0	5.78	98.74	2,124.0	1.5	32.2	3.3	1.13	1.00	5.44	
2,150.0	6.08	99.79	2,148.8	1.1	34.7	3.0	1.28	1.20	4.20	
2,175.0	6.63	100.05	2,173.7	0.6	37.4	2.7	2.20	2.20	1.04	
2,200.0	6.74	101.97	2,198.5	0.0	40.3	2.3	1.00	0.44	7.68	
2,225.0	6.93	102.85	2,223.3	-0.6	43.2	1.8	0.87	0.76	3.52	
2,250.0	7.06	102.93	2,248.2	-1.3	46.2	1.3	0.52	0.52	0.32	
2,275.0	7.12	102.69	2,273.0	-2.0	49.2	0.8	0.27	0.24	-0.96	
2,300.0	7.14	102.78	2,297.8	-2.6	52.2	0.3	0.09	0.08	0.36	
2,325.0	7.16	103.32	2,322.6	-3.4	55.2	-0.3	0.28	0.08	2.16	
2,350.0	7.04	103.60	2,347.4	-4.1	58.2	-0.8	0.50	-0.48	1.12	
2,375.0	6.88	103.55	2,372.2	-4.8	61.2	-1.4	0.64	-0.64	-0.20	
2,400.0	6.03	103.96	2,397.0	-5.5	63.9	-1.9	3.40	-3.40	1.64	
2,425.0	4.68	105.07	2,421.9	-6.0	66.2	-2.4	5.42	-5.40	4.44	
2,450.0	4.01	105.46	2,446.9	-6.5	68.0	-2.7	2.68	-2.68	1.56	
2,475.0	3.90	104.97	2,471.8	-7.0	69.7	-3.1	0.46	-0.44	-1.96	
2,500.0	3.75	104.69	2,496.7	-7.4	71.3	-3.4	0.60	-0.60	-1.12	
2,525.0	3.61	104.70	2,521.7	-7.8	72.8	-3.8	0.56	-0.56	0.04	
2,550.0	3.48	103.67	2,546.6	-8.2	74.3	-4.1	0.58	-0.52	-4.12	
2,575.0	3.44	103.01	2,571.6	-8.5	75.8	-4.3	0.23	-0.16	-2.64	

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
2,600.0	3.38	102.50	2,596.6	-8.9	77.2	-4.6	0.27	-0.24	-2.04
2,625.0	3.42	102.43	2,621.5	-9.2	78.7	-4.8	0.16	0.16	-0.28
2,650.0	3.47	102.91	2,646.5	-9.5	80.2	-5.1	0.23	0.20	1.92
2,675.0	3.43	103.33	2,671.4	-9.9	81.6	-5.3	0.19	-0.16	1.68
2,700.0	3.52	102.28	2,696.4	-10.2	83.1	-5.6	0.44	0.36	-4.20
2,725.0	3.49	103.01	2,721.3	-10.5	84.6	-5.8	0.22	-0.12	2.92
2,750.0	3.54	103.78	2,746.3	-10.9	86.1	-6.1	0.28	0.20	3.08
2,775.0	3.51	101.95	2,771.2	-11.2	87.6	-6.4	0.47	-0.12	-7.32
2,800.0	3.30	101.51	2,796.2	-11.5	89.0	-6.6	0.85	-0.84	-1.76
2,825.0	3.27	102.38	2,821.1	-11.8	90.4	-6.8	0.23	-0.12	3.48
2,850.0	3.33	102.23	2,846.1	-12.1	91.8	-7.0	0.24	0.24	-0.60
2,875.0	3.36	100.64	2,871.1	-12.4	93.3	-7.2	0.39	0.12	-6.36
2,900.0	3.36	99.78	2,896.0	-12.7	94.7	-7.4	0.20	0.00	-3.44
2,925.0	3.37	99.98	2,921.0	-12.9	96.2	-7.6	0.06	0.04	0.80
2,950.0	3.30	99.73	2,945.9	-13.2	97.6	-7.8	0.29	-0.28	-1.00
2,975.0	3.26	99.69	2,970.9	-13.4	99.0	-7.9	0.16	-0.16	-0.16
3,000.0	3.24	98.77	2,995.9	-13.7	100.4	-8.1	0.22	-0.08	-3.68
3,025.0	3.52	99.05	3,020.8	-13.9	101.9	-8.2	1.12	1.12	1.12
3,050.0	3.42	94.20	3,045.8	-14.1	103.4	-8.3	1.24	-0.40	-19.40
3,075.0	3.50	93.90	3,070.7	-14.2	104.9	-8.3	0.33	0.32	-1.20
3,100.0	3.55	94.44	3,095.7	-14.3	106.4	-8.4	0.24	0.20	2.16
3,125.0	3.57	93.37	3,120.6	-14.4	107.9	-8.4	0.28	0.08	-4.28
3,150.0	3.50	93.84	3,145.6	-14.5	109.5	-8.4	0.30	-0.28	1.88
3,175.0	3.54	93.82	3,170.5	-14.6	111.0	-8.4	0.16	0.16	-0.08
3,200.0	3.58	94.00	3,195.5	-14.7	112.6	-8.4	0.17	0.16	0.72
3,225.0	3.48	92.69	3,220.4	-14.8	114.1	-8.4	0.51	-0.40	-5.24
3,250.0	2.89	90.17	3,245.4	-14.8	115.5	-8.4	2.42	-2.36	-10.08
3,275.0	1.59	80.35	3,270.4	-14.8	116.5	-8.3	5.40	-5.20	-39.28
3,300.0	1.20	71.90	3,295.4	-14.6	117.1	-8.1	1.76	-1.56	-33.80
3,325.0	1.09	65.80	3,320.4	-14.4	117.5	-7.9	0.66	-0.44	-24.40
3,350.0	0.99	62.28	3,345.4	-14.2	117.9	-7.7	0.47	-0.40	-14.08
3,375.0	0.94	64.68	3,370.4	-14.1	118.3	-7.5	0.26	-0.20	9.60
3,400.0	0.89	65.50	3,395.4	-13.9	118.7	-7.3	0.21	-0.20	3.28
3,425.0	0.86	67.28	3,420.3	-13.7	119.0	-7.1	0.16	-0.12	7.12
3,450.0	0.86	62.34	3,445.3	-13.6	119.4	-6.9	0.30	0.00	-19.76
3,475.0	0.86	54.96	3,470.3	-13.4	119.7	-6.7	0.44	0.00	-29.52
3,500.0	0.81	57.58	3,495.3	-13.2	120.0	-6.5	0.25	-0.20	10.48
3,525.0	0.80	58.12	3,520.3	-13.0	120.3	-6.3	0.05	-0.04	2.16
3,550.0	0.80	58.85	3,545.3	-12.8	120.6	-6.1	0.04	0.00	2.92
3,575.0	0.83	53.01	3,570.3	-12.6	120.9	-5.9	0.35	0.12	-23.36
3,600.0	0.76	50.73	3,595.3	-12.4	121.1	-5.7	0.31	-0.28	-9.12
3,625.0	0.73	57.26	3,620.3	-12.2	121.4	-5.4	0.36	-0.12	26.12
3,650.0	0.77	56.56	3,645.3	-12.0	121.7	-5.3	0.16	0.16	-2.80
3,675.0	0.81	53.06	3,670.3	-11.8	122.0	-5.0	0.25	0.16	-14.00

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
3,700.0	0.89	56.46	3,695.3	-11.6	122.3	-4.8	0.38	0.32	13.60
3,725.0	0.89	52.49	3,720.3	-11.4	122.6	-4.6	0.25	0.00	-15.88
3,750.0	0.84	47.38	3,745.3	-11.1	122.9	-4.3	0.37	-0.20	-20.44
3,775.0	0.83	49.49	3,770.3	-10.9	123.1	-4.1	0.13	-0.04	8.44
3,800.0	0.87	54.39	3,795.3	-10.7	123.4	-3.8	0.33	0.16	19.60
3,825.0	1.43	80.25	3,820.3	-10.5	123.9	-3.6	3.00	2.24	103.44
3,850.0	2.37	94.56	3,845.3	-10.5	124.7	-3.6	4.18	3.76	57.24
3,875.0	2.61	96.25	3,870.3	-10.6	125.8	-3.6	1.00	0.96	6.76
3,900.0	2.50	93.95	3,895.2	-10.7	126.9	-3.6	0.60	-0.44	-9.20
3,925.0	2.63	94.31	3,920.2	-10.8	128.0	-3.7	0.52	0.52	1.44
3,950.0	2.63	94.11	3,945.2	-10.9	129.2	-3.7	0.04	0.00	-0.80
3,975.0	2.58	93.35	3,970.2	-10.9	130.3	-3.7	0.24	-0.20	-3.04
4,000.0	2.57	94.63	3,995.1	-11.0	131.4	-3.7	0.23	-0.04	5.12
4,025.0	2.64	93.99	4,020.1	-11.1	132.5	-3.7	0.30	0.28	-2.56
4,050.0	2.58	93.65	4,045.1	-11.2	133.7	-3.7	0.25	-0.24	-1.36
4,075.0	2.38	93.06	4,070.1	-11.2	134.8	-3.8	0.81	-0.80	-2.36
4,100.0	2.42	94.40	4,095.0	-11.3	135.8	-3.8	0.28	0.16	5.36
4,125.0	2.41	91.48	4,120.0	-11.4	136.9	-3.8	0.49	-0.04	-11.68
4,150.0	2.25	90.66	4,145.0	-11.4	137.9	-3.7	0.65	-0.64	-3.28
4,175.0	2.27	91.49	4,170.0	-11.4	138.9	-3.7	0.15	0.08	3.32
4,200.0	2.32	91.44	4,195.0	-11.4	139.9	-3.7	0.20	0.20	-0.20
4,225.0	2.31	86.89	4,219.9	-11.4	140.9	-3.6	0.74	-0.04	-18.20
4,250.0	2.26	86.15	4,244.9	-11.4	141.9	-3.5	0.23	-0.20	-2.96
4,275.0	2.17	85.96	4,269.9	-11.3	142.8	-3.3	0.36	-0.36	-0.76
4,300.0	2.32	88.30	4,294.9	-11.2	143.8	-3.2	0.70	0.60	9.36
4,325.0	2.20	87.19	4,319.9	-11.2	144.8	-3.2	0.51	-0.48	-4.44
4,350.0	2.30	86.80	4,344.8	-11.1	145.8	-3.0	0.40	0.40	-1.56
4,375.0	2.38	85.95	4,369.8	-11.1	146.8	-2.9	0.35	0.32	-3.40
4,400.0	2.28	85.29	4,394.8	-11.0	147.8	-2.8	0.41	-0.40	-2.64
4,425.0	2.29	81.33	4,419.8	-10.9	148.8	-2.6	0.63	0.04	-15.84
4,450.0	2.27	81.15	4,444.8	-10.7	149.8	-2.4	0.08	-0.08	-0.72
4,475.0	2.31	83.60	4,469.7	-10.6	150.8	-2.2	0.42	0.16	9.80
4,500.0	2.25	81.09	4,494.7	-10.5	151.8	-2.0	0.47	-0.24	-10.04
4,525.0	2.22	81.35	4,519.7	-10.3	152.7	-1.8	0.13	-0.12	1.04
4,550.0	2.22	83.57	4,544.7	-10.2	153.7	-1.7	0.34	0.00	8.88
4,575.0	2.13	79.27	4,569.7	-10.1	154.6	-1.5	0.75	-0.36	-17.20
4,600.0	2.13	81.17	4,594.6	-9.9	155.5	-1.3	0.28	0.00	7.60
4,625.0	2.04	81.35	4,619.6	-9.8	156.4	-1.1	0.36	-0.36	0.72
4,650.0	2.07	84.36	4,644.6	-9.7	157.3	-0.9	0.45	0.12	12.04
4,675.0	1.99	84.99	4,669.6	-9.6	158.2	-0.8	0.33	-0.32	2.52
4,700.0	1.89	85.76	4,694.6	-9.5	159.0	-0.7	0.41	-0.40	3.08
4,725.0	1.92	85.44	4,719.6	-9.4	159.9	-0.6	0.13	0.12	-1.28
4,750.0	1.87	86.52	4,744.6	-9.4	160.7	-0.4	0.25	-0.20	4.32

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
4,775.0	1.92	90.49	4,769.5	-9.4	161.5	-0.4	0.56	0.20	15.88
4,800.0	1.71	87.29	4,794.5	-9.3	162.3	-0.3	0.93	-0.84	-12.80
4,825.0	1.71	85.36	4,819.5	-9.3	163.1	-0.2	0.23	0.00	-7.72
4,850.0	1.74	88.96	4,844.5	-9.3	163.8	-0.2	0.45	0.12	14.40
4,875.0	1.65	89.54	4,869.5	-9.2	164.6	-0.1	0.37	-0.36	2.32
4,900.0	1.66	93.06	4,894.5	-9.3	165.3	-0.1	0.41	0.04	14.08
4,925.0	1.69	90.75	4,919.5	-9.3	166.0	-0.1	0.30	0.12	-9.24
4,950.0	1.54	87.65	4,944.5	-9.3	166.7	0.0	0.69	-0.60	-12.40
4,975.0	1.39	91.06	4,969.5	-9.3	167.3	0.0	0.69	-0.60	13.64
5,000.0	1.30	87.71	4,994.5	-9.3	167.9	0.1	0.48	-0.36	-13.40
5,025.0	1.24	81.64	5,019.4	-9.2	168.5	0.1	0.59	-0.24	-24.28
5,050.0	1.16	81.39	5,044.4	-9.1	169.0	0.3	0.32	-0.32	-1.00
5,075.0	1.13	88.53	5,069.4	-9.1	169.5	0.3	0.58	-0.12	28.56
5,100.0	1.12	88.10	5,094.4	-9.1	170.0	0.4	0.05	-0.04	-1.72
5,125.0	1.15	88.03	5,119.4	-9.1	170.5	0.4	0.12	0.12	-0.28
5,150.0	1.15	87.04	5,144.4	-9.0	171.0	0.5	0.08	0.00	-3.96
5,175.0	1.17	90.06	5,169.4	-9.0	171.5	0.5	0.26	0.08	12.08
5,200.0	1.13	86.44	5,194.4	-9.0	172.0	0.5	0.33	-0.16	-14.48
5,225.0	1.17	95.16	5,219.4	-9.0	172.5	0.6	0.72	0.16	34.88
5,250.0	1.24	101.71	5,244.4	-9.1	173.0	0.5	0.62	0.28	26.20
5,275.0	1.54	124.60	5,269.4	-9.3	173.6	0.3	2.50	1.20	91.56
5,300.0	1.72	126.23	5,294.4	-9.8	174.1	-0.1	0.74	0.72	6.52
5,325.0	1.62	127.07	5,319.4	-10.2	174.7	-0.5	0.41	-0.40	3.36
5,350.0	1.69	127.52	5,344.4	-10.6	175.3	-0.9	0.28	0.28	1.80
5,375.0	1.63	130.33	5,369.4	-11.1	175.9	-1.3	0.40	-0.24	11.24
5,400.0	1.67	133.12	5,394.3	-11.6	176.4	-1.8	0.36	0.16	11.16
5,425.0	1.63	135.20	5,419.3	-12.1	176.9	-2.2	0.29	-0.16	8.32
5,450.0	1.61	136.27	5,444.3	-12.6	177.4	-2.7	0.15	-0.08	4.28
5,475.0	1.58	142.16	5,469.3	-13.1	177.9	-3.2	0.67	-0.12	23.56
5,500.0	1.52	138.15	5,494.3	-13.6	178.3	-3.7	0.50	-0.24	-16.04
5,525.0	1.50	140.54	5,519.3	-14.1	178.7	-4.2	0.26	-0.08	9.56
5,550.0	1.56	141.07	5,544.3	-14.6	179.1	-4.7	0.25	0.24	2.12
5,575.0	1.65	141.66	5,569.3	-15.2	179.6	-5.2	0.37	0.36	2.36
5,600.0	1.61	139.28	5,594.3	-15.7	180.0	-5.7	0.31	-0.16	-9.52
5,625.0	1.62	139.89	5,619.3	-16.3	180.5	-6.2	0.08	0.04	2.44
5,650.0	1.33	135.42	5,644.2	-16.7	180.9	-6.7	1.25	-1.16	-17.88
5,675.0	1.17	130.98	5,669.2	-17.1	181.3	-7.0	0.75	-0.64	-17.76
5,700.0	1.16	126.30	5,694.2	-17.4	181.7	-7.3	0.38	-0.04	-18.72
5,725.0	1.20	127.44	5,719.2	-17.7	182.1	-7.6	0.19	0.16	4.56
5,750.0	1.16	125.75	5,744.2	-18.0	182.5	-7.9	0.21	-0.16	-6.76
5,775.0	1.27	128.47	5,769.2	-18.4	183.0	-8.2	0.50	0.44	10.88
5,800.0	0.76	112.32	5,794.2	-18.6	183.3	-8.4	2.32	-2.04	-64.60
5,825.0	1.03	121.28	5,819.2	-18.8	183.7	-8.6	1.21	1.08	35.84

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
5,850.0	1.18	131.77	5,844.2	-19.1	184.1	-8.8	1.00	0.60	41.96
5,875.0	1.20	135.44	5,869.2	-19.4	184.4	-9.2	0.32	0.08	14.68
5,900.0	1.20	132.27	5,894.2	-19.8	184.8	-9.5	0.27	0.00	-12.68
5,925.0	1.20	128.50	5,919.2	-20.1	185.2	-9.8	0.32	0.00	-15.08
5,950.0	1.29	130.52	5,944.2	-20.5	185.6	-10.1	0.40	0.36	8.08
5,975.0	1.29	130.77	5,969.2	-20.8	186.1	-10.5	0.02	0.00	1.00
6,000.0	1.21	129.81	5,994.2	-21.2	186.5	-10.8	0.33	-0.32	-3.84
6,025.0	1.13	118.17	6,019.2	-21.5	186.9	-11.1	1.00	-0.32	-46.56
6,050.0	1.21	102.21	6,044.2	-21.7	187.4	-11.2	1.34	0.32	-63.84
6,075.0	1.12	98.54	6,069.2	-21.7	187.9	-11.3	0.47	-0.36	-14.68
6,100.0	1.21	103.35	6,094.2	-21.8	188.4	-11.4	0.53	0.36	19.24
6,125.0	1.15	98.17	6,119.1	-21.9	188.9	-11.4	0.49	-0.24	-20.72
6,150.0	1.18	105.41	6,144.1	-22.0	189.4	-11.5	0.60	0.12	28.96
6,175.0	1.30	103.53	6,169.1	-22.2	189.9	-11.6	0.51	0.48	-7.52
6,200.0	1.21	103.77	6,194.1	-22.3	190.4	-11.7	0.36	-0.36	0.96
6,225.0	0.95	96.37	6,219.1	-22.4	190.9	-11.8	1.18	-1.04	-29.60
6,250.0	0.85	97.50	6,244.1	-22.4	191.3	-11.8	0.41	-0.40	4.52
6,275.0	0.89	100.18	6,269.1	-22.5	191.6	-11.8	0.23	0.16	10.72
6,300.0	0.91	94.77	6,294.1	-22.6	192.0	-11.9	0.35	0.08	-21.64
6,325.0	0.90	103.56	6,319.1	-22.6	192.4	-11.9	0.56	-0.04	35.16
6,350.0	0.87	103.61	6,344.1	-22.7	192.8	-12.0	0.12	-0.12	0.20
6,375.0	0.90	103.04	6,369.1	-22.8	193.2	-12.0	0.13	0.12	-2.28
6,400.0	0.82	97.18	6,394.1	-22.9	193.5	-12.1	0.48	-0.32	-23.44
6,425.0	0.61	95.30	6,419.1	-22.9	193.9	-12.1	0.85	-0.84	-7.52
6,450.0	0.51	105.56	6,444.1	-22.9	194.1	-12.1	0.56	-0.40	41.04
6,475.0	0.37	100.13	6,469.1	-23.0	194.3	-12.2	0.58	-0.56	-21.72
6,500.0	0.38	73.26	6,494.1	-23.0	194.4	-12.1	0.70	0.04	-107.48
6,525.0	0.30	81.25	6,519.1	-22.9	194.6	-12.1	0.37	-0.32	31.96
6,550.0	0.29	67.53	6,544.1	-22.9	194.7	-12.1	0.28	-0.04	-54.88
6,575.0	0.30	40.96	6,569.1	-22.8	194.8	-12.0	0.54	0.04	-106.28
6,600.0	0.20	35.92	6,594.1	-22.7	194.9	-11.9	0.41	-0.40	-20.16
6,625.0	0.28	41.21	6,619.1	-22.7	194.9	-11.8	0.33	0.32	21.16
6,650.0	0.26	26.95	6,644.1	-22.6	195.0	-11.7	0.28	-0.08	-57.04
6,675.0	0.20	41.51	6,669.1	-22.5	195.1	-11.6	0.33	-0.24	58.24
6,700.0	0.38	43.97	6,694.1	-22.4	195.1	-11.5	0.72	0.72	9.84
6,725.0	0.29	40.32	6,719.1	-22.3	195.2	-11.4	0.37	-0.36	-14.60
6,750.0	0.27	40.59	6,744.1	-22.2	195.3	-11.3	0.08	-0.08	1.08
6,775.0	0.30	42.57	6,769.1	-22.1	195.4	-11.2	0.13	0.12	7.92
6,800.0	0.37	76.27	6,794.1	-22.0	195.5	-11.1	0.82	0.28	134.80
6,825.0	0.48	71.96	6,819.1	-22.0	195.7	-11.1	0.46	0.44	-17.24
6,850.0	0.38	68.33	6,844.1	-21.9	195.9	-11.0	0.41	-0.40	-14.52
6,875.0	0.38	75.70	6,869.1	-21.9	196.0	-11.0	0.20	0.00	29.48
6,900.0	0.38	80.48	6,894.1	-21.8	196.2	-10.9	0.13	0.00	19.12
6,925.0	0.39	66.65	6,919.1	-21.8	196.4	-10.9	0.37	0.04	-55.32

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
6,950.0	0.34	67.48	6,944.1	-21.7	196.5	-10.8	0.20	-0.20	3.32
6,975.0	0.24	89.84	6,969.1	-21.7	196.6	-10.8	0.60	-0.40	89.44
7,000.0	0.33	143.60	6,994.1	-21.7	196.7	-10.8	1.08	0.36	215.04
7,025.0	0.64	154.45	7,019.1	-21.9	196.8	-11.0	1.29	1.24	43.40
7,050.0	0.76	154.77	7,044.1	-22.2	197.0	-11.2	0.48	0.48	1.28
7,075.0	0.66	157.06	7,069.1	-22.5	197.1	-11.5	0.42	-0.40	9.16
7,100.0	0.82	155.50	7,094.1	-22.8	197.2	-11.8	0.64	0.64	-6.24
7,125.0	0.96	144.52	7,119.1	-23.1	197.4	-12.1	0.88	0.56	-43.92
7,150.0	0.93	141.66	7,144.1	-23.5	197.7	-12.4	0.22	-0.12	-11.44
7,175.0	1.44	110.12	7,169.1	-23.7	198.1	-12.7	3.24	2.04	-126.16
7,200.0	1.98	95.97	7,194.1	-23.9	198.8	-12.8	2.73	2.16	-56.60
7,225.0	2.03	94.97	7,219.0	-24.0	199.7	-12.8	0.24	0.20	-4.00
7,250.0	2.09	95.60	7,244.0	-24.0	200.6	-12.9	0.26	0.24	2.52
7,275.0	2.07	91.88	7,269.0	-24.1	201.5	-12.9	0.55	-0.08	-14.88
7,300.0	2.02	93.49	7,294.0	-24.1	202.4	-12.9	0.30	-0.20	6.44
7,325.0	1.90	92.98	7,319.0	-24.2	203.2	-12.9	0.49	-0.48	-2.04
7,350.0	1.84	92.18	7,344.0	-24.2	204.0	-12.9	0.26	-0.24	-3.20
7,375.0	1.61	94.43	7,369.0	-24.3	204.8	-12.9	0.96	-0.92	9.00
7,400.0	1.62	95.49	7,394.0	-24.3	205.5	-12.9	0.13	0.04	4.24
7,425.0	1.49	95.86	7,418.9	-24.4	206.2	-12.9	0.52	-0.52	1.48
7,450.0	1.61	98.04	7,443.9	-24.5	206.8	-13.0	0.53	0.48	8.72
7,475.0	1.54	100.13	7,468.9	-24.6	207.5	-13.0	0.36	-0.28	8.36
7,500.0	1.02	115.96	7,493.9	-24.7	208.0	-13.2	2.50	-2.08	63.32
7,525.0	0.98	157.30	7,518.9	-25.0	208.3	-13.4	2.83	-0.16	165.36
7,550.0	0.95	163.84	7,543.9	-25.4	208.5	-13.8	0.46	-0.12	26.16
7,575.0	1.00	166.88	7,568.9	-25.8	208.6	-14.2	0.29	0.20	12.16
7,600.0	1.08	159.92	7,593.9	-26.3	208.7	-14.7	0.60	0.32	-27.84
7,625.0	1.21	162.17	7,618.9	-26.7	208.9	-15.1	0.55	0.52	9.00
7,650.0	1.28	164.47	7,643.9	-27.3	209.0	-15.6	0.34	0.28	9.20
7,675.0	1.33	163.25	7,668.9	-27.8	209.2	-16.2	0.23	0.20	-4.88
7,700.0	1.41	164.52	7,693.9	-28.4	209.3	-16.7	0.34	0.32	5.08
7,725.0	1.50	164.40	7,718.9	-29.0	209.5	-17.3	0.36	0.36	-0.48
7,750.0	1.70	169.38	7,743.9	-29.7	209.7	-18.0	0.97	0.80	19.92
7,775.0	1.63	166.17	7,768.8	-30.4	209.8	-18.7	0.47	-0.28	-12.84
7,800.0	1.77	161.77	7,793.8	-31.1	210.0	-19.4	0.77	0.56	-17.60
7,825.0	1.94	159.83	7,818.8	-31.9	210.3	-20.2	0.72	0.68	-7.76
7,850.0	2.02	159.97	7,843.8	-32.7	210.6	-20.9	0.32	0.32	0.56
7,875.0	2.10	159.20	7,868.8	-33.5	210.9	-21.8	0.34	0.32	-3.08
7,900.0	2.05	158.69	7,893.8	-34.4	211.2	-22.6	0.21	-0.20	-2.04
7,925.0	2.06	158.28	7,918.8	-35.2	211.6	-23.4	0.07	0.04	-1.64
7,950.0	2.04	159.61	7,943.7	-36.0	211.9	-24.2	0.21	-0.08	5.32
7,975.0	2.08	161.60	7,968.7	-36.9	212.2	-25.1	0.33	0.16	7.96
8,000.0	2.22	158.25	7,993.7	-37.8	212.5	-25.9	0.75	0.56	-13.40

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
8,025.0	2.22	156.07	8,018.7	-38.7	212.9	-26.8	0.34	0.00	-8.72
8,050.0	2.37	152.67	8,043.7	-39.6	213.3	-27.7	0.81	0.60	-13.60
8,075.0	2.45	151.90	8,068.7	-40.5	213.8	-28.6	0.35	0.32	-3.08
8,100.0	2.40	152.13	8,093.6	-41.4	214.3	-29.5	0.20	-0.20	0.92
8,125.0	2.46	152.92	8,118.6	-42.4	214.8	-30.4	0.27	0.24	3.16
8,150.0	2.34	149.65	8,143.6	-43.3	215.3	-31.3	0.73	-0.48	-13.08
8,175.0	2.36	145.10	8,168.6	-44.1	215.8	-32.1	0.75	0.08	-18.20
8,200.0	2.35	138.91	8,193.5	-45.0	216.5	-32.9	1.02	-0.04	-24.76
8,225.0	2.63	120.44	8,218.5	-45.6	217.3	-33.5	3.38	1.12	-73.88
8,250.0	2.71	116.72	8,243.5	-46.2	218.3	-34.0	0.76	0.32	-14.88
8,275.0	2.73	119.53	8,268.5	-46.7	219.4	-34.5	0.54	0.08	11.24
8,300.0	2.96	119.61	8,293.4	-47.4	220.5	-35.1	0.92	0.92	0.32
8,325.0	2.83	118.02	8,318.4	-48.0	221.6	-35.6	0.61	-0.52	-6.36
8,350.0	2.70	119.72	8,343.4	-48.5	222.6	-36.1	0.61	-0.52	6.80
8,375.0	2.59	118.21	8,368.3	-49.1	223.6	-36.6	0.52	-0.44	-6.04
8,400.0	2.52	116.52	8,393.3	-49.6	224.6	-37.1	0.41	-0.28	-6.76
8,425.0	2.39	115.04	8,418.3	-50.1	225.6	-37.5	0.58	-0.52	-5.92
8,450.0	2.43	120.28	8,443.3	-50.6	226.5	-37.9	0.90	0.16	20.96
8,475.0	2.44	116.84	8,468.3	-51.1	227.4	-38.4	0.59	0.04	-13.76
8,500.0	2.58	117.87	8,493.2	-51.6	228.4	-38.8	0.59	0.56	4.12
8,525.0	2.45	117.73	8,518.2	-52.1	229.4	-39.3	0.52	-0.52	-0.56
8,550.0	2.63	116.01	8,543.2	-52.6	230.4	-39.7	0.78	0.72	-6.88
8,575.0	2.60	116.55	8,568.2	-53.1	231.4	-40.2	0.16	-0.12	2.16
8,600.0	2.49	120.79	8,593.1	-53.6	232.4	-40.7	0.87	-0.44	16.96
8,625.0	2.60	120.20	8,618.1	-54.2	233.3	-41.2	0.45	0.44	-2.36
8,650.0	2.43	120.80	8,643.1	-54.7	234.3	-41.7	0.69	-0.68	2.40
8,668.0	2.66	123.15	8,661.1	-55.2	235.0	-42.1	1.40	1.28	13.06
8,854.0	2.88	133.79	8,846.8	-60.8	241.9	-47.3	0.30	0.12	5.72
8,901.0	3.60	94.65	8,893.8	-61.7	244.3	-48.1	4.84	1.53	-83.28
8,948.0	11.98	61.79	8,940.3	-59.5	250.0	-45.6	19.50	17.83	-69.91
8,995.0	19.91	55.11	8,985.5	-52.6	260.9	-38.1	17.29	16.87	-14.21
9,042.0	26.63	45.96	9,028.6	-40.7	275.1	-25.4	16.20	14.30	-19.47
9,089.0	31.13	32.53	9,069.8	-23.1	289.2	-7.0	16.75	9.57	-28.57
9,137.0	35.54	27.94	9,109.9	-0.3	302.4	16.5	10.58	9.19	-9.56
9,184.0	37.74	24.03	9,147.6	24.9	314.7	42.3	6.82	4.68	-8.32
9,232.0	40.66	21.86	9,184.8	52.8	326.5	70.9	6.72	6.08	-4.52
9,279.0	43.76	20.04	9,219.6	82.3	337.8	100.9	7.09	6.60	-3.87
9,326.0	47.18	17.19	9,252.6	114.1	348.4	133.2	8.46	7.28	-6.06
9,421.0	53.43	14.97	9,313.3	184.3	368.6	204.5	6.82	6.58	-2.34
9,514.5	61.27	13.22	9,363.7	260.6	387.7	281.7	8.54	8.39	-1.88
FTP @ 9514.5'MD									
9,516.0	61.40	13.19	9,364.4	261.9	388.0	283.0	8.54	8.40	-1.72
9,610.0	71.94	11.94	9,401.6	346.0	406.7	368.0	11.28	11.21	-1.33

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
9,705.0	86.44	13.42	9,419.3	436.8	427.2	459.8	15.34	15.26	1.56
9,799.0	87.96	12.91	9,423.9	528.2	448.6	552.3	1.71	1.62	-0.54
9,894.0	90.54	11.92	9,425.2	621.0	469.0	646.0	2.91	2.72	-1.04
9,988.0	89.14	9.88	9,425.4	713.3	486.8	739.2	2.63	-1.49	-2.17
10,083.0	93.45	10.78	9,423.3	806.7	503.8	833.4	4.63	4.54	0.95
10,178.0	95.06	10.33	9,416.2	899.8	521.1	927.3	1.76	1.69	-0.47
10,272.0	89.71	9.27	9,412.3	992.3	537.1	1,020.6	5.80	-5.69	-1.13
10,367.0	88.85	6.70	9,413.5	1,086.4	550.3	1,115.3	2.85	-0.91	-2.71
10,462.0	88.51	2.58	9,415.7	1,181.0	558.0	1,210.2	4.35	-0.36	-4.34
10,556.0	86.81	6.61	9,419.5	1,274.6	565.5	1,304.0	4.65	-1.81	4.29
10,651.0	87.65	6.14	9,424.1	1,368.9	576.0	1,398.8	1.01	0.88	-0.49
10,745.0	88.85	2.85	9,427.0	1,462.6	583.4	1,492.7	3.72	1.28	-3.50
10,868.0	91.45	3.69	9,426.7	1,585.4	590.4	1,615.7	2.22	2.11	0.68
10,962.0	88.29	358.31	9,426.9	1,679.3	592.1	1,709.6	6.64	-3.36	-5.72
11,057.0	90.67	359.01	9,427.8	1,774.3	589.8	1,804.3	2.61	2.51	0.74
11,151.0	90.50	358.67	9,426.8	1,868.3	587.9	1,898.0	0.40	-0.18	-0.36
11,246.0	90.47	358.61	9,426.0	1,963.2	585.7	1,992.7	0.07	-0.03	-0.06
11,340.0	89.57	357.97	9,426.0	2,057.2	582.9	2,086.3	1.17	-0.96	-0.68
11,435.0	89.27	358.11	9,426.9	2,152.1	579.6	2,181.0	0.35	-0.32	0.15
11,530.0	89.68	3.70	9,427.8	2,247.1	581.1	2,275.8	5.90	0.43	5.88
11,624.0	90.47	6.62	9,427.7	2,340.7	589.6	2,369.8	3.22	0.84	3.11
11,718.0	89.06	2.27	9,428.1	2,434.4	596.9	2,463.7	4.86	-1.50	-4.63
11,813.0	89.02	359.49	9,429.7	2,529.3	598.3	2,558.6	2.93	-0.04	-2.93
11,907.0	88.14	355.19	9,432.0	2,623.2	594.0	2,652.1	4.67	-0.94	-4.57
12,002.0	88.61	355.42	9,434.7	2,717.8	586.2	2,746.2	0.55	0.49	0.24
12,097.0	92.32	356.98	9,433.9	2,812.6	579.9	2,840.4	4.24	3.91	1.64
12,191.0	90.34	356.60	9,431.7	2,906.4	574.6	2,933.8	2.14	-2.11	-0.40
12,286.0	91.36	357.25	9,430.3	3,001.3	569.5	3,028.2	1.27	1.07	0.68
12,380.0	90.85	359.56	9,428.5	3,095.2	566.9	3,121.9	2.52	-0.54	2.46
12,475.0	90.97	359.80	9,427.0	3,190.2	566.4	3,216.7	0.28	0.13	0.25
12,569.0	90.18	359.56	9,426.0	3,284.2	565.9	3,310.5	0.88	-0.84	-0.26
12,664.0	89.48	0.96	9,426.3	3,379.2	566.3	3,405.4	1.65	-0.74	1.47
12,758.0	89.51	1.12	9,427.2	3,473.2	568.0	3,499.3	0.17	0.03	0.17
12,853.0	89.38	3.60	9,428.1	3,568.1	571.9	3,594.3	2.61	-0.14	2.61
12,948.0	90.72	8.29	9,428.0	3,662.5	581.8	3,689.2	5.13	1.41	4.94
13,042.0	87.54	1.94	9,429.4	3,756.1	590.1	3,783.0	7.55	-3.38	-6.76
13,136.0	85.86	358.16	9,434.8	3,849.9	590.2	3,876.7	4.39	-1.79	-4.02
13,231.0	89.86	357.06	9,438.4	3,944.7	586.3	3,971.2	4.37	4.21	-1.16
13,325.0	90.55	357.32	9,438.0	4,038.6	581.7	4,064.7	0.78	0.73	0.28
13,420.0	89.97	357.29	9,437.6	4,133.5	577.2	4,159.2	0.61	-0.61	-0.03
13,514.0	90.48	357.91	9,437.2	4,227.4	573.2	4,252.7	0.85	0.54	0.66
13,609.0	90.23	358.35	9,436.7	4,322.4	570.1	4,347.4	0.53	-0.26	0.46
13,704.0	88.82	358.31	9,437.4	4,417.3	567.4	4,442.0	1.48	-1.48	-0.04
13,799.0	89.85	0.74	9,438.6	4,512.3	566.6	4,536.8	2.78	1.08	2.56

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)	
13,893.0	89.93	1.72	9,438.7	4,606.3	568.6	4,630.7	1.05	0.09	1.04	
13,988.0	89.27	1.98	9,439.4	4,701.2	571.7	4,725.7	0.75	-0.69	0.27	
14,082.0	87.85	1.65	9,441.8	4,795.2	574.7	4,819.7	1.55	-1.51	-0.35	
14,177.0	91.86	0.31	9,442.0	4,890.1	576.3	4,914.6	4.45	4.22	-1.41	
14,272.0	91.99	0.59	9,438.8	4,985.1	577.0	5,009.4	0.32	0.14	0.29	
14,367.0	89.99	359.93	9,437.2	5,080.0	577.5	5,104.3	2.22	-2.11	-0.69	
14,461.0	88.11	359.93	9,438.7	5,174.0	577.3	5,198.1	2.00	-2.00	0.00	
14,555.0	88.62	359.69	9,441.4	5,268.0	577.0	5,291.9	0.60	0.54	-0.26	
14,650.0	88.34	359.53	9,443.9	5,363.0	576.4	5,386.7	0.34	-0.29	-0.17	
14,744.0	88.34	359.18	9,446.6	5,456.9	575.3	5,480.4	0.37	0.00	-0.37	
14,839.0	88.87	357.43	9,449.0	5,551.8	572.5	5,575.0	1.92	0.56	-1.84	
14,934.0	91.12	356.06	9,449.0	5,646.7	567.1	5,669.4	2.77	2.37	-1.44	
15,028.0	88.55	355.54	9,449.2	5,740.4	560.2	5,762.7	2.79	-2.73	-0.55	
15,123.0	89.48	357.00	9,450.9	5,835.2	554.1	5,856.9	1.82	0.98	1.54	
15,217.0	89.87	358.94	9,451.4	5,929.1	550.7	5,950.6	2.11	0.41	2.06	
15,312.0	92.74	359.91	9,449.2	6,024.1	549.8	6,045.3	3.19	3.02	1.02	
15,406.0	92.63	2.09	9,444.8	6,118.0	551.4	6,139.1	2.32	-0.12	2.32	
15,501.0	92.93	2.76	9,440.2	6,212.8	555.4	6,234.0	0.77	0.32	0.71	
15,595.0	87.88	0.75	9,439.6	6,306.7	558.3	6,327.9	5.78	-5.37	-2.14	
15,690.0	89.21	359.55	9,442.0	6,401.7	558.6	6,422.8	1.89	1.40	-1.26	
15,785.0	90.35	358.41	9,442.3	6,496.6	556.9	6,517.5	1.70	1.20	-1.20	
15,879.0	89.56	356.74	9,442.4	6,590.5	552.9	6,611.1	1.97	-0.84	-1.78	
15,974.0	88.88	358.03	9,443.7	6,685.4	548.6	6,705.6	1.53	-0.72	1.36	
16,069.0	88.90	358.29	9,445.6	6,780.4	545.5	6,800.2	0.27	0.02	0.27	
16,163.0	88.02	358.80	9,448.1	6,874.3	543.1	6,893.8	1.08	-0.94	0.54	
16,258.0	89.56	0.52	9,450.1	6,969.3	542.6	6,988.6	2.43	1.62	1.81	
16,352.0	89.91	0.31	9,450.5	7,063.3	543.2	7,082.5	0.43	0.37	-0.22	
16,447.0	93.76	1.50	9,447.5	7,158.2	544.7	7,177.4	4.24	4.05	1.25	
16,542.0	93.11	1.28	9,441.8	7,253.0	547.0	7,272.2	0.72	-0.68	-0.23	
16,636.0	93.10	1.72	9,436.7	7,346.8	549.5	7,366.0	0.47	-0.01	0.47	
16,731.0	90.56	4.12	9,433.7	7,441.6	554.3	7,460.9	3.68	-2.67	2.53	
16,826.0	88.50	2.85	9,434.4	7,536.4	560.1	7,555.9	2.55	-2.17	-1.34	
16,920.0	89.01	3.05	9,436.5	7,630.3	564.9	7,649.9	0.58	0.54	0.21	
17,015.0	87.10	2.47	9,439.7	7,725.1	569.5	7,744.8	2.10	-2.01	-0.61	
17,109.0	87.81	2.42	9,443.9	7,819.0	573.5	7,838.7	0.76	0.76	-0.05	
17,204.0	88.41	2.57	9,447.0	7,913.8	577.6	7,933.7	0.65	0.63	0.16	
17,298.0	88.67	1.60	9,449.4	8,007.7	581.1	8,027.6	1.07	0.28	-1.03	
17,393.0	88.91	1.22	9,451.4	8,102.7	583.4	8,122.6	0.47	0.25	-0.40	
17,488.0	91.15	1.80	9,451.4	8,197.6	585.9	8,217.5	2.44	2.36	0.61	
17,582.0	89.56	1.81	9,450.8	8,291.6	588.9	8,311.5	1.69	-1.69	0.01	
17,677.0	88.42	1.43	9,452.5	8,386.5	591.6	8,406.4	1.26	-1.20	-0.40	
17,771.0	92.27	0.57	9,451.9	8,480.5	593.2	8,500.3	4.20	4.10	-0.91	
17,866.0	91.89	0.25	9,448.4	8,575.4	593.9	8,595.2	0.52	-0.40	-0.34	

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

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)
17,961.0	89.75	359.48	9,447.1	8,670.4	593.6	8,690.0	2.39	-2.25	-0.81
18,055.0	90.30	359.23	9,447.0	8,764.4	592.6	8,783.8	0.64	0.59	-0.27
18,150.0	90.17	359.32	9,446.7	8,859.4	591.4	8,878.6	0.17	-0.14	0.09
18,245.0	87.37	358.29	9,448.7	8,954.3	589.4	8,973.2	3.14	-2.95	-1.08
18,339.0	90.29	358.80	9,450.6	9,048.3	587.0	9,066.9	3.15	3.11	0.54
18,434.0	89.91	358.79	9,450.4	9,143.3	585.0	9,161.6	0.40	-0.40	-0.01
18,528.0	90.11	358.75	9,450.4	9,237.2	583.0	9,255.4	0.22	0.21	-0.04
18,623.0	89.83	358.07	9,450.5	9,332.2	580.4	9,350.0	0.77	-0.29	-0.72
18,717.0	86.12	356.38	9,453.8	9,426.0	575.8	9,443.4	4.34	-3.95	-1.80
18,812.0	90.63	357.39	9,456.5	9,520.8	570.7	9,537.8	4.86	4.75	1.06
18,907.0	89.91	356.76	9,456.0	9,615.7	565.8	9,632.3	1.01	-0.76	-0.66
19,001.0	91.80	359.20	9,454.6	9,709.6	562.5	9,725.9	3.28	2.01	2.60
19,096.0	90.72	359.04	9,452.6	9,804.6	561.0	9,820.6	1.15	-1.14	-0.17
19,191.0	90.45	359.53	9,451.6	9,899.5	559.9	9,915.4	0.59	-0.28	0.52
19,285.0	90.05	358.90	9,451.2	9,993.5	558.6	10,009.1	0.79	-0.43	-0.67
19,380.0	89.37	357.45	9,451.7	10,088.5	555.6	10,103.8	1.69	-0.72	-1.53
19,474.0	91.42	0.23	9,451.0	10,182.5	553.6	10,197.5	3.67	2.18	2.96
19,569.0	90.76	0.50	9,449.2	10,277.4	554.3	10,292.4	0.75	-0.69	0.28
19,663.0	90.07	359.87	9,448.5	10,371.4	554.6	10,386.2	0.99	-0.73	-0.67
19,758.0	91.30	0.74	9,447.4	10,466.4	555.1	10,481.1	1.59	1.29	0.92
19,806.7	91.57	0.56	9,446.2	10,515.1	555.6	10,529.7	0.67	0.56	-0.37
LTP @ 19806.7'MD									
19,853.0	91.83	0.39	9,444.8	10,561.4	556.0	10,576.0	0.67	0.56	-0.37
Final MWD @ 19853'MD									
19,939.0	91.83	0.39	9,442.0	10,647.3	556.6	10,661.8	0.00	0.00	0.00
PTB									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (MYOX 21 ST CC) - hit/miss target - Shape - actual wellpath misses target center by 199.6usft at 9581.6usft MD (9392.0 TVD, 319.9 N, 401.1 E) - Circle (radius 50.0)	0.00	0.00	9,424.0	263.7	590.0	403,156.18	577,080.09	32° 6' 29.332 N	104° 5' 3.809 W
PBHL (MYOX 21 ST CC) - actual wellpath misses target center by 35.7usft at 19936.9usft MD (9442.1 TVD, 10645.2 N, 556.6 E) - Rectangle (sides W100.0 H10,381.5 D20.0)	-0.15	180.00	9,450.0	10,645.2	591.4	413,537.67	577,081.56	32° 8' 12.072 N	104° 5' 3.513 W
LTP (MYOX 21 ST CC) - actual wellpath misses target center by 37.0usft at 19807.0usft MD (9446.2 TVD, 10515.4 N, 555.6 E) - Point	0.00	0.00	9,450.0	10,515.2	592.4	413,407.67	577,082.54	32° 8' 10.786 N	104° 5' 3.505 W

Concho Resources LLC

Survey Report

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well MYOX 21 ST COM #701H
Project:	EDDY COUNTY, NM	TVD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Site:	MYOX 21 ST COM	MD Reference:	KB=27' @ 2985.0usft (SCAN FREEDOM)
Well:	MYOX 21 ST COM #701H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,514.5	9,363.7	260.6	387.7	FTP @ 9514.5'MD
19,806.7	9,446.2	10,515.1	555.6	LTP @ 19806.7'MD
19,853.0	9,444.8	10,561.4	556.0	Final MWD @ 19853'MD
19,939.0	9,442.0	10,647.3	556.6	PTB

Checked By: _____ Approved By: _____ Date: _____

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
		1. WELL API NO.				30-015-46599				
		2. Type of Lease				☒ STATE ☐ FEE ☐ FED/INDIAN				
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing:						5. Lease Name or Unit Agreement Name				
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						Myox 21 State Com				
7. Type of Completion:						6. Well Number:				
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____						701H				
8. Name of Operator						9. OGRID				
COG Operating LLC						229137				
10. Address of Operator						11. Pool name or Wildcat				
2208 W. Main Street						Purple Sage; Wolfcamp				
Artesia, NM 88210										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	28	25S	28E		245'	North	925'	East	Eddy
BH:	A	16	25S	28E		198'	North	365'	East	Eddy
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		2958' GR		
1/19/20	4/16/20	4/20/20		10/29/20						
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run				
19,939'		19,760'		Yes						
22. Producing Interval(s), of this completion - Top, Bottom, Name										
9,616-19,757' Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10 3/4"		45.5#		651'		14 3/4"		517 sx		
7 5/8		29.7#		8804'		9 7/8"		1960 sx		
5 1/2"		20#		19939'		6.75"		1800 sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2 7/8"	8918'	8908'			
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
9,616-19,757'						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9,616-19,757'		Acidz w/0 gal 7 1/2%; Frac w/25,630,800# sand & 24,688,146 gal fluid		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
10/7/20		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
11/17/20	24	28/64		124	308	2946				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
1605#	1571#		124	308	2946					
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						30. Test Witnessed By				
Sold						Nicholas Jancha				
31. List Attachments										
Surveys										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.						33. Rig Release Date:				
						4/20/20				
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
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										
Printed										
Signature <i>Amanda Avery</i>			Name: Amanda Avery			Title Regulatory Analyst			Date: 12/7/20	
E-mail Address: aavery@concho.com										

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt 746'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2300'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Lamar 2506'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T.	T. Devonian	T. Cliff House	T. Leadville
T. Bell Canyon 2544'	T. Silurian	T. Menefee	T. Madison
T. Cherry Canyon 3384'	T.	T. Point Lookout	T. Elbert
T. Brushy Canyon 4618'	T.	T. Mancos	T. McCracken
T. Avalon M	T.	T. Gallup	T. Ignacio Otzte
T. Avalon	T.	Base Greenhorn	T. Granite
T. Bone Spring Lm 6147'	T.	T. Dakota	
T. 1 st Bone Spring 7095'	T.	T. Morrison	
T. 1st BS Shale	T.	T. Todilto	
T. 2 nd Bone Spring 7877'	T. Wolfcamp 9442'	T. Entrada	
T. Charkey 8507'	T.	T. Wingate	
T. Third Bone Spring 8968'	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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

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

Form C-103
 Revised July 18, 2013

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		WELL API NO. 30-015-46599
2. Name of Operator COG Operating LLC		5. Indicate Type of Lease STATE ☒ FEE ☐
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>A</u> : <u>245</u> feet from the <u>North</u> line and <u>925</u> feet from the <u>East</u> line Section <u>28</u> Township <u>25S</u> Range <u>28E</u> NMPM Eddy County		7. Lease Name or Unit Agreement Name Myox 21 ST Com
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2958' GR		8. Well Number 701H
		9. OGRID Number 229137
		10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: Completion Operations ☒	

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.

11/17/20- Date of first production.

Spud Date:

1/19/19

Rig Release Date:

4/20/20

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

SIGNATURE: Amanda Avery TITLE: Regulatory Analyst DATE: 12/14/2020

Type or print name: Amanda Avery E-mail address: aavery@concho.com PHONE: (575) 748-6962

For State Use Only

APPROVED BY: John Garcia TITLE: Petroleum Specialist - A DATE: 1/13/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

CONDITIONS

Action 12000

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	12000	Action Type:	C-104C
OCD Reviewer									Condition
abustamante									None