

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

WELL API NO. 30-015-47094	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Myox 30 State Com	
8. Well Number 705H	
9. OGRID Number 229137	
10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)	

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 West Illinois Ave. Midland, TX 79701

4. Well Location
Unit Letter **N**; **380** feet from the **South** line and **1326** feet from the **West** line
Section **18** Township **25S** Range **28E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3045' GL

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: Change BHL ☒

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 requests an amendment to our approved APD for this well to reflect a change in BHL.

Change BHL TO: 50' FSL & 1326' FWL N-31-25S-28E

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 Stan Wagner TITLE Regulatory Advisor DATE 01/25/2020

Type or print name Stan Wagner E-mail address: _____ PHONE: 432-253-9685

For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Specialist - A DATE 1/26/2021

Conditions of Approval (if any):

NSL Will be required before well is placed on production

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

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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47094	2 Pool Code 98220	3 Pool Name Purple Sage; Wolfcamp (Gas)
4 Property Code 40178	5 Property Name MYOX 30 STATE COM	6 Well Number 705H
7 OGRID No. 229137	8 Operator Name COG OPERATING LLC	9 Elevation 3045'

10 Surface Location

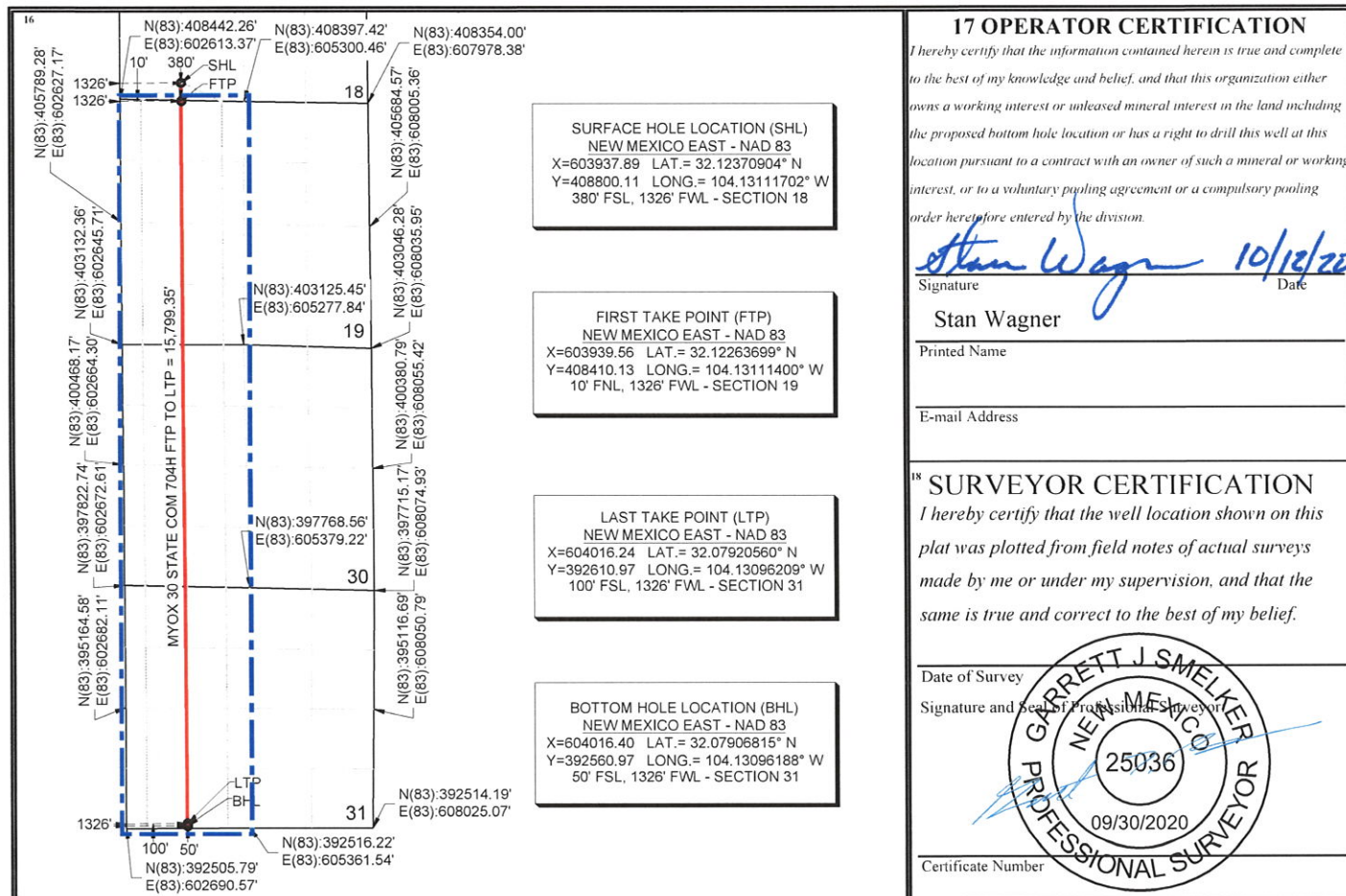
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	25-S	28-E		380'	SOUTH	1326'	WEST	EDDY

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
N	31	25-S	28-E		50'	SOUTH	1326'	WEST	EDDY

12 Dedicated Acres 960	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.



Intent ☒ As Drilled ☐

API # 30-015-47094		
Operator Name: COG Operating LLC	Property Name: Myox 30 State Com	Well Number 705H

Kick Off Point (KOP)

UL N	Section 18	Township 25S	Range 28E	Lot	Feet	From N/S	Feet	From E/W	County Eddy
Latitude					Longitude			NAD 83	

First Take Point (FTP)

UL C	Section 19	Township 25S	Range 28E	Lot	Feet 10	From N/S North	Feet 1326	From E/W West	County Eddy
Latitude 32.12263699					Longitude -104.1311140			NAD NAD 83	

Last Take Point (LTP)

UL N	Section 31	Township 25S	Range 28E	Lot	Feet 100	From N/S South	Feet 1326	From E/W West	County Eddy
Latitude 32.07920560					Longitude -104.13096209			NAD NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ YesIs this well an infill well? ☐ No

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

API # 30-015-47094		
Operator Name: COG Operating LLC	Property Name: Myox 30 State Com	Well Number 705H

KZ 06/29/2018

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

MYOX 30 & 31 STATE PROJECT (ATLAS 2528)

MYOX 30 STATE COM #705H

OWB

PWP2

Anticollision Report

20 November, 2020

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference	PWP2
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	Stations
Depth Range:	Unlimited
Results Limited by:	Maximum ellipse separation of 2,000.0 usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Pedal Curve
Casing Method:	Not applied

Survey Tool Program		Date	11/20/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	8,712.0	PWP2 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
8,712.0	25,038.6	PWP2 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction	

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
MYOX 30 & 31 STATE PROJECT (ATLAS 2528)						
MYOX 30 STATE COM #704H - OWB - PWP2	2,500.0	2,500.0	30.0	23.1	4.346	CC, ES
MYOX 30 STATE COM #704H - OWB - PWP2	25,038.6	25,261.6	876.1	597.8	3.148	SF
MYOX 30 STATE COM #706H - OWB - PWP2	2,500.0	2,500.0	29.9	17.2	2.359	CC, ES, SF
MYOX 6 STATE COM #3H - OWB-PILOT HOLE - AWP-F	25,038.6	9,256.8	633.2	476.0	4.028	CC, ES, SF
SCOUT STATE PROJECT (ATLAS 2528)						
SCOUT ST COM #605H - OWB - PWP1	9,000.0	24,212.2	259.6	137.3	2.122	SF
SCOUT ST COM #605H - OWB - PWP1	9,050.0	24,212.2	242.8	131.3	2.177	ES
SCOUT ST COM #605H - OWB - PWP1	9,086.2	24,212.2	239.1	137.7	2.359	CC

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #704H - OWB - PWP2												Offset Site Error: 0.0 usft	
Survey Program: 0-Standard Keeper 104, 8712-MWD+IFR1+FDIR												Offset Well Error: 3.0 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	90.73	-0.4	30.0	30.0				
100.0	100.0	100.0	100.0	3.0	3.0	90.73	-0.4	30.0	30.0	24.0	6.00	4.995	
200.0	200.0	200.0	200.0	3.0	3.0	90.73	-0.4	30.0	30.0	24.0	6.00	4.993	
300.0	300.0	300.0	300.0	3.0	3.0	90.73	-0.4	30.0	30.0	24.0	6.01	4.988	
400.0	400.0	400.0	400.0	3.0	3.0	90.73	-0.4	30.0	30.0	24.0	6.02	4.980	
500.0	500.0	500.0	500.0	3.1	3.1	90.73	-0.4	30.0	30.0	23.9	6.03	4.970	
600.0	600.0	600.0	600.0	3.1	3.1	90.73	-0.4	30.0	30.0	23.9	6.05	4.957	
700.0	700.0	700.0	700.0	3.1	3.1	90.73	-0.4	30.0	30.0	23.9	6.07	4.942	
800.0	800.0	800.0	800.0	3.2	3.2	90.73	-0.4	30.0	30.0	23.9	6.09	4.924	
900.0	900.0	900.0	900.0	3.2	3.2	90.73	-0.4	30.0	30.0	23.9	6.11	4.904	
1,000.0	1,000.0	1,000.0	1,000.0	3.2	3.2	90.73	-0.4	30.0	30.0	23.8	6.14	4.881	
1,100.0	1,100.0	1,100.0	1,100.0	3.3	3.3	90.73	-0.4	30.0	30.0	23.8	6.17	4.856	
1,200.0	1,200.0	1,200.0	1,200.0	3.4	3.4	90.73	-0.4	30.0	30.0	23.8	6.21	4.830	
1,300.0	1,300.0	1,300.0	1,300.0	3.4	3.4	90.73	-0.4	30.0	30.0	23.7	6.24	4.801	
1,400.0	1,400.0	1,400.0	1,400.0	3.5	3.5	90.73	-0.4	30.0	30.0	23.7	6.28	4.770	
1,500.0	1,500.0	1,500.0	1,500.0	3.5	3.5	90.73	-0.4	30.0	30.0	23.6	6.33	4.738	
1,600.0	1,600.0	1,600.0	1,600.0	3.6	3.6	90.73	-0.4	30.0	30.0	23.6	6.37	4.704	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
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Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #704H - OWB - PWP2												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 8712-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	90.73	-0.4	30.0	30.0	23.6	6.42	4.669	CC, ES
1,800.0	1,800.0	1,800.0	1,800.0	3.8	3.8	90.73	-0.4	30.0	30.0	23.5	6.47	4.632	
1,900.0	1,900.0	1,900.0	1,900.0	3.9	3.9	90.73	-0.4	30.0	30.0	23.4	6.52	4.594	
2,000.0	2,000.0	2,000.0	2,000.0	3.9	3.9	90.73	-0.4	30.0	30.0	23.4	6.58	4.555	
2,100.0	2,100.0	2,100.0	2,100.0	4.0	4.0	90.73	-0.4	30.0	30.0	23.3	6.64	4.515	
2,200.0	2,200.0	2,200.0	2,200.0	4.1	4.1	90.73	-0.4	30.0	30.0	23.3	6.70	4.473	
2,300.0	2,300.0	2,300.0	2,300.0	4.2	4.2	90.73	-0.4	30.0	30.0	23.2	6.76	4.432	
2,400.0	2,400.0	2,400.0	2,400.0	4.3	4.3	90.73	-0.4	30.0	30.0	23.1	6.83	4.389	
2,500.0	2,500.0	2,500.0	2,500.0	4.4	4.4	90.73	-0.4	30.0	30.0	23.1	6.90	4.346	
2,600.0	2,600.0	2,599.0	2,599.0	4.5	4.4	91.65	-0.9	31.6	31.6	24.7	6.97	4.540	
2,700.0	2,700.0	2,698.3	2,698.2	4.6	4.5	93.76	-2.4	36.1	36.2	29.2	7.04	5.146	
2,800.0	2,800.0	2,798.2	2,797.9	4.7	4.5	95.55	-4.0	41.1	41.3	34.2	7.12	5.802	
2,900.0	2,900.0	2,898.0	2,897.6	4.8	4.5	96.94	-5.6	46.0	46.5	39.2	7.21	6.446	
3,000.0	3,000.0	2,997.9	2,997.3	4.9	4.5	98.06	-7.2	51.0	51.6	44.3	7.29	7.074	
3,100.0	3,100.0	3,097.7	3,097.1	5.0	4.5	98.97	-8.8	56.0	56.8	49.4	7.39	7.686	
3,200.0	3,200.0	3,197.6	3,196.8	5.1	4.6	99.73	-10.5	61.0	61.9	54.5	7.48	8.280	
3,300.0	3,300.0	3,297.5	3,296.5	5.2	4.6	100.37	-12.1	65.9	67.1	59.5	7.58	8.858	
3,400.0	3,400.0	3,397.3	3,396.2	5.3	4.6	100.92	-13.7	70.9	72.3	64.6	7.68	9.416	
3,500.0	3,500.0	3,497.2	3,496.0	5.4	4.7	101.40	-15.3	75.9	77.5	69.7	7.78	9.957	
3,600.0	3,600.0	3,597.1	3,595.7	5.5	4.7	101.82	-16.9	80.8	82.7	74.8	7.89	10.478	
3,700.0	3,700.0	3,696.9	3,695.4	5.7	4.8	102.19	-18.5	85.8	87.9	79.9	8.01	10.981	
3,800.0	3,800.0	3,796.8	3,795.1	5.8	4.8	102.51	-20.1	90.8	93.1	85.0	8.12	11.466	
3,900.0	3,900.0	3,896.7	3,894.9	5.9	4.9	102.80	-21.8	95.8	98.3	90.1	8.24	11.932	
4,000.0	4,000.0	3,996.5	3,994.6	6.0	4.9	103.07	-23.4	100.7	103.5	95.2	8.36	12.380	
4,100.0	4,100.0	4,096.4	4,094.3	6.1	5.0	103.30	-25.0	105.7	108.8	100.3	8.49	12.810	
4,200.0	4,200.0	4,196.2	4,194.1	6.2	5.0	103.52	-26.6	110.7	114.0	105.4	8.62	13.224	
4,300.0	4,300.0	4,296.1	4,293.8	6.3	5.1	103.72	-28.2	115.6	119.2	110.4	8.75	13.620	
4,400.0	4,400.0	4,396.0	4,393.5	6.5	5.2	103.90	-29.8	120.6	124.4	115.5	8.89	14.001	
4,500.0	4,500.0	4,495.8	4,493.2	6.6	5.2	104.06	-31.5	125.6	129.6	120.6	9.02	14.365	
4,600.0	4,600.0	4,595.7	4,593.0	6.7	5.3	104.22	-33.1	130.6	134.9	125.7	9.17	14.715	
4,700.0	4,700.0	4,695.6	4,692.7	6.8	5.4	104.36	-34.7	135.5	140.1	130.8	9.31	15.049	
4,800.0	4,800.0	4,795.4	4,792.4	6.9	5.4	104.49	-36.3	140.5	145.3	135.9	9.45	15.370	
4,900.0	4,900.0	4,895.3	4,892.1	7.0	5.5	104.61	-37.9	145.5	150.5	140.9	9.60	15.677	
5,000.0	5,000.0	4,995.1	4,991.9	7.2	5.6	104.73	-39.5	150.4	155.8	146.0	9.75	15.972	
5,100.0	5,100.0	5,095.0	5,091.6	7.3	5.7	104.83	-41.2	155.4	161.0	151.1	9.90	16.253	
5,200.0	5,200.0	5,194.9	5,191.3	7.4	5.8	104.93	-42.8	160.4	166.2	156.2	10.06	16.523	
5,300.0	5,300.0	5,294.7	5,291.0	7.5	5.9	105.03	-44.4	165.3	171.4	161.2	10.22	16.782	
5,400.0	5,400.0	5,394.6	5,390.8	7.6	5.9	105.11	-46.0	170.3	176.7	166.3	10.37	17.030	
5,500.0	5,500.0	5,494.5	5,490.5	7.8	6.0	105.20	-47.6	175.3	181.9	171.4	10.53	17.268	
5,600.0	5,600.0	5,594.3	5,590.2	7.8	6.1	-75.15	-49.2	180.3	186.7	176.0	10.68	17.477	
5,686.9	5,686.8	5,681.1	5,676.8	7.8	6.2	-76.27	-50.6	184.6	190.1	179.3	10.80	17.609	
5,700.0	5,699.8	5,694.1	5,689.9	7.8	6.2	-76.51	-50.8	185.2	190.6	179.8	10.82	17.625	
5,800.0	5,799.6	5,793.9	5,789.5	7.7	6.3	-78.25	-52.5	190.2	194.4	183.5	10.96	17.741	
5,900.0	5,899.4	5,893.6	5,889.1	7.7	6.4	-79.92	-54.1	195.2	198.4	187.3	11.11	17.851	
6,000.0	5,999.2	5,993.4	5,988.8	7.6	6.5	-81.53	-55.7	200.1	202.5	191.2	11.28	17.957	
6,100.0	6,099.0	6,093.2	6,088.4	7.6	6.6	-83.07	-57.3	205.1	206.8	195.3	11.45	18.062	
6,200.0	6,198.8	6,192.9	6,188.0	7.5	6.7	-84.55	-58.9	210.1	211.2	199.6	11.63	18.167	
6,300.0	6,298.6	6,292.7	6,287.6	7.5	6.8	-85.97	-60.5	215.0	215.8	204.0	11.81	18.273	
6,400.0	6,398.4	6,392.4	6,387.2	7.5	6.9	-87.33	-62.1	220.0	220.5	208.5	11.99	18.381	
6,500.0	6,498.1	6,492.2	6,486.8	7.4	7.0	-88.63	-63.8	225.0	225.3	213.1	12.18	18.492	
6,600.0	6,597.9	6,591.9	6,586.5	7.4	7.1	-89.88	-65.4	229.9	230.2	217.8	12.37	18.605	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

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Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

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Survey Program: 0-Standard Keeper 104, 8712-MWD+IFR1+FDIR												Offset Well Error: 3.0 usft		
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,700.0	6,697.7	6,691.7	6,686.1	7.4	7.2	-91.07	-67.0	234.9	235.2	222.7	12.56	18.723		
6,800.0	6,797.5	6,791.5	6,785.7	7.4	7.3	-92.21	-68.6	239.8	240.3	227.6	12.76	18.843		
6,900.0	6,897.3	6,891.2	6,885.3	7.3	7.4	-93.31	-70.2	244.8	245.6	232.6	12.95	18.968		
7,000.0	6,997.1	6,991.0	6,984.9	7.3	7.5	-94.36	-71.8	249.8	250.9	237.7	13.14	19.096		
7,100.0	7,096.9	7,090.7	7,084.6	7.3	7.6	-95.36	-73.4	254.7	256.2	242.9	13.33	19.227		
7,200.0	7,196.6	7,190.5	7,184.2	7.3	7.7	-96.33	-75.1	259.7	261.7	248.2	13.52	19.362		
7,300.0	7,296.4	7,290.2	7,283.8	7.3	7.8	-97.25	-76.7	264.7	267.2	253.5	13.70	19.500		
7,400.0	7,396.2	7,390.0	7,383.4	7.2	7.9	-98.14	-78.3	269.6	272.8	258.9	13.89	19.640		
7,500.0	7,496.0	7,489.7	7,483.0	7.2	8.0	-98.99	-79.9	274.6	278.5	264.4	14.08	19.782		
7,600.0	7,595.8	7,589.5	7,582.7	7.2	8.1	-99.81	-81.5	279.6	284.2	269.9	14.26	19.927		
7,700.0	7,695.6	7,689.3	7,682.3	7.2	8.2	-100.59	-83.1	284.5	290.0	275.5	14.45	20.073		
7,800.0	7,795.4	7,789.0	7,781.9	7.2	8.3	-101.35	-84.7	289.5	295.8	281.2	14.63	20.221		
7,900.0	7,895.2	7,888.8	7,881.5	7.2	8.5	-102.07	-86.4	294.5	301.7	286.8	14.81	20.370		
8,000.0	7,994.9	7,988.5	7,981.1	7.2	8.6	-102.77	-88.0	299.4	307.6	292.6	14.99	20.520		
8,100.0	8,094.7	8,088.3	8,080.8	7.2	8.7	-103.44	-89.6	304.4	313.5	298.4	15.17	20.671		
8,200.0	8,194.5	8,188.0	8,180.4	7.2	8.8	-104.09	-91.2	309.4	319.5	304.2	15.35	20.822		
8,300.0	8,294.3	8,287.8	8,280.0	7.2	8.9	-104.71	-92.8	314.3	325.6	310.1	15.52	20.973		
8,400.0	8,394.1	8,387.5	8,379.6	7.3	9.0	-105.31	-94.4	319.3	331.7	316.0	15.70	21.124		
8,500.0	8,493.9	8,487.3	8,479.2	7.3	9.1	-105.89	-96.0	324.3	337.8	321.9	15.88	21.275		
8,600.0	8,593.7	8,587.1	8,578.9	7.3	9.2	-106.44	-97.7	329.2	343.9	327.9	16.05	21.425		
8,700.0	8,693.5	8,686.8	8,678.5	7.3	9.4	-106.98	-99.3	334.2	350.1	333.9	16.23	21.575		
8,712.0	8,705.4	8,698.8	8,690.4	7.3	9.4	-107.05	-99.5	334.8	350.8	334.6	16.25	21.593		
8,750.0	8,743.2	8,734.7	8,726.3	7.5	9.4	-106.94	-100.4	336.8	353.6	337.3	16.33	21.656		
8,800.0	8,792.5	8,780.5	8,771.7	7.5	9.4	-106.81	-104.4	340.6	358.9	342.5	16.37	21.927		
8,850.0	8,840.7	8,826.2	8,816.5	7.6	9.4	-106.57	-111.6	345.9	365.9	349.5	16.42	22.289		
8,900.0	8,887.7	8,871.8	8,860.3	7.6	9.4	-106.19	-122.1	352.8	374.7	358.2	16.48	22.739		
8,950.0	8,933.0	8,917.2	8,903.0	7.7	9.4	-105.66	-135.6	361.0	385.2	368.6	16.55	23.269		
9,000.0	8,976.2	8,962.5	8,944.0	7.7	9.5	-104.99	-152.0	370.6	397.2	380.6	16.64	23.873		
9,050.0	9,017.2	9,007.6	8,983.3	7.8	9.5	-104.19	-171.3	381.5	410.7	394.0	16.74	24.541		
9,100.0	9,055.4	9,052.5	9,020.6	7.9	9.5	-103.25	-193.2	393.6	425.6	408.8	16.85	25.261		
9,150.0	9,090.8	9,097.2	9,055.6	8.0	9.6	-102.20	-217.6	406.8	441.8	424.8	16.98	26.020		
9,200.0	9,122.9	9,141.8	9,088.3	8.1	9.6	-101.05	-244.4	421.0	459.1	442.0	17.13	26.804		
9,250.0	9,151.5	9,186.3	9,118.5	8.2	9.7	-99.80	-273.3	436.1	477.5	460.2	17.30	27.599		
9,300.0	9,176.5	9,230.7	9,146.0	8.3	9.8	-98.46	-304.3	452.1	496.8	479.3	17.50	28.391		
9,350.0	9,197.5	9,275.2	9,170.8	8.4	9.9	-97.06	-337.2	468.9	516.8	499.1	17.72	29.165		
9,400.0	9,214.6	9,319.8	9,192.7	8.4	10.0	-95.61	-371.8	486.4	537.4	519.5	17.97	29.907		
9,450.0	9,227.5	9,364.6	9,211.6	8.5	10.1	-94.13	-408.2	504.6	558.6	540.4	18.25	30.603		
9,500.0	9,236.2	9,409.8	9,227.3	8.6	10.3	-92.63	-446.1	523.5	580.1	561.5	18.57	31.241		
9,550.0	9,240.5	9,455.6	9,239.9	8.6	10.4	-91.13	-485.6	542.9	601.8	582.9	18.92	31.813		
9,574.6	9,241.0	9,478.3	9,244.8	8.8	10.5	-90.39	-505.5	552.7	612.5	593.4	19.10	32.067		
9,600.0	9,241.0	9,502.1	9,249.0	8.9	10.6	-90.81	-526.5	562.9	623.6	604.3	19.30	32.310		
9,700.0	9,241.0	9,599.6	9,256.0	9.4	11.0	-91.42	-614.1	605.1	666.7	646.5	20.20	33.001		
9,800.0	9,241.0	9,719.8	9,256.0	10.0	11.6	-91.32	-723.7	654.5	707.3	685.9	21.39	33.062		
9,900.0	9,241.0	9,844.4	9,256.0	10.7	12.3	-91.23	-839.4	700.7	744.0	721.3	22.73	32.738		
10,000.0	9,241.0	9,973.2	9,256.0	11.3	13.1	-91.16	-960.9	743.2	776.5	752.4	24.17	32.122		
10,100.0	9,241.0	10,105.7	9,256.0	12.0	13.9	-91.10	-1,087.8	781.2	804.7	779.0	25.71	31.294		
10,200.0	9,241.0	10,241.6	9,256.0	12.7	14.8	-91.06	-1,219.7	814.0	828.4	801.0	27.33	30.312		
10,300.0	9,241.0	10,380.4	9,256.0	13.5	15.8	-91.03	-1,355.8	840.9	847.3	818.4	28.98	29.238		
10,400.0	9,241.0	10,521.4	9,256.0	14.2	16.7	-91.00	-1,495.3	861.6	861.5	830.9	30.65	28.107		
10,500.0	9,241.0	10,664.2	9,256.0	14.9	17.7	-90.99	-1,637.4	875.5	870.7	838.4	32.31	26.946		
10,600.0	9,241.0	10,807.9	9,256.0	15.7	18.7	-90.98	-1,780.9	882.3	875.0	841.0	33.95	25.774		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #704H - OWB - PWP2												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 8712-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,700.0	9,241.0	10,923.1	9,256.0	16.5	19.5	-90.98	-1,896.1	883.3	875.3	839.8	35.48	24.673	
10,800.0	9,241.0	11,023.1	9,256.0	17.3	20.2	-90.98	-1,996.1	883.8	875.3	838.3	36.98	23.668	
10,900.0	9,241.0	11,123.1	9,256.0	18.1	21.0	-90.98	-2,096.1	884.3	875.3	836.8	38.51	22.732	
11,000.0	9,241.0	11,223.1	9,256.0	18.9	21.7	-90.98	-2,196.1	884.8	875.3	835.3	40.05	21.857	
11,100.0	9,241.0	11,323.1	9,256.0	19.7	22.4	-90.98	-2,296.1	885.3	875.3	833.7	41.60	21.041	
11,200.0	9,241.0	11,423.1	9,256.0	20.5	23.2	-90.98	-2,396.1	885.8	875.3	832.2	43.17	20.277	
11,300.0	9,241.0	11,523.1	9,256.0	21.3	23.9	-90.98	-2,496.1	886.2	875.3	830.6	44.75	19.563	
11,400.0	9,241.0	11,623.1	9,256.0	22.1	24.7	-90.98	-2,596.1	886.7	875.3	829.0	46.33	18.892	
11,500.0	9,241.0	11,723.1	9,256.0	22.9	25.4	-90.98	-2,696.1	887.2	875.3	827.4	47.93	18.263	
11,600.0	9,241.0	11,823.1	9,256.0	23.7	26.2	-90.98	-2,796.1	887.7	875.3	825.8	49.54	17.671	
11,700.0	9,241.0	11,923.1	9,256.0	24.6	27.0	-90.98	-2,896.1	888.2	875.4	824.2	51.15	17.114	
11,800.0	9,241.0	12,023.1	9,256.0	25.4	27.8	-90.98	-2,996.1	888.7	875.4	822.6	52.77	16.588	
11,900.0	9,241.0	12,123.1	9,256.0	26.2	28.6	-90.98	-3,096.1	889.2	875.4	821.0	54.40	16.093	
12,000.0	9,241.0	12,223.1	9,256.0	27.0	29.4	-90.98	-3,196.1	889.7	875.4	819.3	56.03	15.624	
12,100.0	9,241.0	12,323.1	9,256.0	27.9	30.1	-90.98	-3,296.1	890.2	875.4	817.7	57.66	15.181	
12,200.0	9,241.0	12,423.1	9,256.0	28.7	30.9	-90.98	-3,396.1	890.7	875.4	816.1	59.31	14.761	
12,300.0	9,241.0	12,523.1	9,256.0	29.5	31.7	-90.98	-3,496.1	891.2	875.4	814.4	60.95	14.362	
12,400.0	9,241.0	12,623.1	9,256.0	30.4	32.6	-90.98	-3,596.1	891.7	875.4	812.8	62.60	13.983	
12,500.0	9,241.0	12,723.1	9,256.0	31.2	33.4	-90.98	-3,696.1	892.2	875.4	811.1	64.26	13.624	
12,600.0	9,241.0	12,823.1	9,256.0	32.1	34.2	-90.98	-3,796.1	892.7	875.4	809.5	65.91	13.281	
12,700.0	9,241.0	12,923.1	9,256.0	32.9	35.0	-90.98	-3,896.1	893.2	875.4	807.8	67.57	12.955	
12,800.0	9,241.0	13,023.1	9,256.0	33.7	35.8	-90.98	-3,996.1	893.7	875.4	806.2	69.24	12.644	
12,900.0	9,241.0	13,123.1	9,256.0	34.6	36.6	-90.98	-4,096.1	894.2	875.4	804.5	70.90	12.347	
13,000.0	9,241.0	13,223.1	9,256.0	35.4	37.4	-90.98	-4,196.1	894.6	875.4	802.9	72.57	12.063	
13,100.0	9,241.0	13,323.1	9,256.0	36.3	38.3	-90.98	-4,296.1	895.1	875.4	801.2	74.24	11.791	
13,200.0	9,241.0	13,423.1	9,256.0	37.1	39.1	-90.98	-4,396.1	895.6	875.4	799.5	75.92	11.531	
13,300.0	9,241.0	13,523.1	9,256.0	38.0	39.9	-90.98	-4,496.1	896.1	875.4	797.9	77.59	11.282	
13,400.0	9,241.0	13,623.1	9,256.0	38.8	40.7	-90.98	-4,596.1	896.6	875.5	796.2	79.27	11.044	
13,500.0	9,241.0	13,723.1	9,256.0	39.7	41.6	-90.98	-4,696.1	897.1	875.5	794.5	80.95	10.815	
13,600.0	9,241.0	13,823.1	9,256.0	40.5	42.4	-90.98	-4,796.1	897.6	875.5	792.8	82.63	10.595	
13,700.0	9,241.0	13,923.1	9,256.0	41.4	43.2	-90.98	-4,896.1	898.1	875.5	791.2	84.32	10.383	
13,800.0	9,241.0	14,023.1	9,256.0	42.2	44.0	-90.98	-4,996.1	898.6	875.5	789.5	86.00	10.180	
13,900.0	9,241.0	14,123.1	9,256.0	43.1	44.9	-90.98	-5,096.1	899.1	875.5	787.8	87.69	9.984	
14,000.0	9,241.0	14,223.1	9,256.0	43.9	45.7	-90.98	-5,196.1	899.6	875.5	786.1	89.37	9.796	
14,100.0	9,241.0	14,323.1	9,256.0	44.8	46.5	-90.98	-5,296.1	900.1	875.5	784.4	91.06	9.614	
14,200.0	9,241.0	14,423.1	9,256.0	45.6	47.4	-90.98	-5,396.1	900.6	875.5	782.7	92.75	9.439	
14,300.0	9,241.0	14,523.1	9,256.0	46.5	48.2	-90.98	-5,496.1	901.1	875.5	781.1	94.44	9.270	
14,400.0	9,241.0	14,623.1	9,256.0	47.3	49.1	-90.98	-5,596.1	901.6	875.5	779.4	96.14	9.107	
14,500.0	9,241.0	14,723.1	9,256.0	48.2	49.9	-90.98	-5,696.1	902.1	875.5	777.7	97.83	8.949	
14,600.0	9,241.0	14,823.1	9,256.0	49.0	50.7	-90.98	-5,796.1	902.6	875.5	776.0	99.52	8.797	
14,700.0	9,241.0	14,923.1	9,256.0	49.9	51.6	-90.98	-5,896.1	903.1	875.5	774.3	101.22	8.650	
14,800.0	9,241.0	15,023.1	9,256.0	50.7	52.4	-90.98	-5,996.1	903.5	875.5	772.6	102.91	8.507	
14,900.0	9,241.0	15,123.1	9,256.0	51.6	53.3	-90.98	-6,096.1	904.0	875.5	770.9	104.61	8.369	
15,000.0	9,241.0	15,223.1	9,256.0	52.4	54.1	-90.98	-6,196.1	904.5	875.5	769.2	106.31	8.236	
15,100.0	9,241.0	15,323.1	9,256.0	53.3	54.9	-90.98	-6,296.0	905.0	875.5	767.5	108.01	8.106	
15,200.0	9,241.0	15,423.1	9,256.0	54.1	55.8	-90.98	-6,396.0	905.5	875.6	765.8	109.71	7.981	
15,300.0	9,241.0	15,523.1	9,256.0	55.0	56.6	-90.98	-6,496.0	906.0	875.6	764.2	111.41	7.859	
15,400.0	9,241.0	15,623.1	9,256.0	55.8	57.5	-90.98	-6,596.0	906.5	875.6	762.5	113.11	7.741	
15,500.0	9,241.0	15,723.1	9,256.0	56.7	58.3	-90.98	-6,696.0	907.0	875.6	760.8	114.81	7.626	
15,600.0	9,241.0	15,823.1	9,256.0	57.5	59.2	-90.98	-6,796.0	907.5	875.6	759.1	116.51	7.515	
15,700.0	9,241.0	15,923.1	9,256.0	58.4	60.0	-90.98	-6,896.0	908.0	875.6	757.4	118.21	7.407	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #704H - OWB - PWP2												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 8712-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,800.0	9,241.0	16,023.1	9,256.0	59.3	60.8	-90.98	-6,996.0	908.5	875.6	755.7	119.92	7.302	
15,900.0	9,241.0	16,123.1	9,256.0	60.1	61.7	-90.98	-7,096.0	909.0	875.6	754.0	121.62	7.199	
16,000.0	9,241.0	16,223.1	9,256.0	61.0	62.5	-90.98	-7,196.0	909.5	875.6	752.3	123.32	7.100	
16,100.0	9,241.0	16,323.1	9,256.0	61.8	63.4	-90.98	-7,296.0	910.0	875.6	750.6	125.03	7.003	
16,200.0	9,241.0	16,423.1	9,256.0	62.7	64.2	-90.98	-7,396.0	910.5	875.6	748.9	126.73	6.909	
16,300.0	9,241.0	16,523.1	9,256.0	63.5	65.1	-90.98	-7,496.0	911.0	875.6	747.2	128.44	6.817	
16,400.0	9,241.0	16,623.1	9,256.0	64.4	65.9	-90.98	-7,596.0	911.5	875.6	745.5	130.14	6.728	
16,500.0	9,241.0	16,723.1	9,256.0	65.2	66.8	-90.98	-7,696.0	912.0	875.6	743.8	131.85	6.641	
16,600.0	9,241.0	16,823.1	9,256.0	66.1	67.6	-90.98	-7,796.0	912.4	875.6	742.1	133.56	6.556	
16,700.0	9,241.0	16,923.1	9,256.0	67.0	68.5	-90.98	-7,896.0	912.9	875.6	740.4	135.27	6.474	
16,800.0	9,241.0	17,023.1	9,256.0	67.8	69.3	-90.98	-7,996.0	913.4	875.6	738.7	136.97	6.393	
16,900.0	9,241.0	17,123.1	9,256.0	68.7	70.2	-90.98	-8,096.0	913.9	875.7	737.0	138.68	6.314	
17,000.0	9,241.0	17,223.1	9,256.0	69.5	71.0	-90.98	-8,196.0	914.4	875.7	735.3	140.39	6.237	
17,100.0	9,241.0	17,323.1	9,256.0	70.4	71.9	-90.98	-8,296.0	914.9	875.7	733.6	142.10	6.162	
17,200.0	9,241.0	17,423.1	9,256.0	71.2	72.7	-90.98	-8,396.0	915.4	875.7	731.9	143.81	6.089	
17,300.0	9,241.0	17,523.1	9,256.0	72.1	73.6	-90.98	-8,496.0	915.9	875.7	730.2	145.52	6.018	
17,400.0	9,241.0	17,623.1	9,256.0	73.0	74.4	-90.98	-8,596.0	916.4	875.7	728.5	147.23	5.948	
17,500.0	9,241.0	17,723.1	9,256.0	73.8	75.3	-90.98	-8,696.0	916.9	875.7	726.8	148.94	5.880	
17,600.0	9,241.0	17,823.1	9,256.0	74.7	76.1	-90.98	-8,796.0	917.4	875.7	725.0	150.65	5.813	
17,700.0	9,241.0	17,923.1	9,256.0	75.5	77.0	-90.98	-8,896.0	917.9	875.7	723.3	152.36	5.748	
17,800.0	9,241.0	18,023.1	9,256.0	76.4	77.8	-90.98	-8,996.0	918.4	875.7	721.6	154.07	5.684	
17,900.0	9,241.0	18,123.1	9,256.0	77.2	78.7	-90.98	-9,096.0	918.9	875.7	719.9	155.78	5.622	
18,000.0	9,241.0	18,223.1	9,256.0	78.1	79.5	-90.98	-9,196.0	919.4	875.7	718.2	157.49	5.560	
18,100.0	9,241.0	18,323.1	9,256.0	79.0	80.4	-90.98	-9,296.0	919.9	875.7	716.5	159.20	5.501	
18,200.0	9,241.0	18,423.1	9,256.0	79.8	81.2	-90.98	-9,396.0	920.4	875.7	714.8	160.91	5.442	
18,300.0	9,241.0	18,523.1	9,256.0	80.7	82.1	-90.98	-9,496.0	920.8	875.7	713.1	162.62	5.385	
18,400.0	9,241.0	18,623.1	9,256.0	81.5	82.9	-90.98	-9,596.0	921.3	875.7	711.4	164.34	5.329	
18,500.0	9,241.0	18,723.1	9,256.0	82.4	83.8	-90.98	-9,696.0	921.8	875.7	709.7	166.05	5.274	
18,600.0	9,241.0	18,823.1	9,256.0	83.3	84.7	-90.98	-9,796.0	922.3	875.7	708.0	167.76	5.220	
18,700.0	9,241.0	18,923.1	9,256.0	84.1	85.5	-90.98	-9,896.0	922.8	875.8	706.3	169.47	5.167	
18,800.0	9,241.0	19,023.1	9,256.0	85.0	86.4	-90.98	-9,996.0	923.3	875.8	704.6	171.19	5.116	
18,900.0	9,241.0	19,123.1	9,256.0	85.8	87.2	-90.98	-10,096.0	923.8	875.8	702.9	172.90	5.065	
19,000.0	9,241.0	19,223.1	9,256.0	86.7	88.1	-90.98	-10,196.0	924.3	875.8	701.2	174.61	5.016	
19,100.0	9,241.0	19,323.1	9,256.0	87.5	88.9	-90.98	-10,296.0	924.8	875.8	699.5	176.33	4.967	
19,200.0	9,241.0	19,423.1	9,256.0	88.4	89.8	-90.98	-10,396.0	925.3	875.8	697.7	178.04	4.919	
19,300.0	9,241.0	19,523.1	9,256.0	89.3	90.6	-90.98	-10,496.0	925.8	875.8	696.0	179.75	4.872	
19,400.0	9,241.0	19,623.1	9,256.0	90.1	91.5	-90.98	-10,596.0	926.3	875.8	694.3	181.47	4.826	
19,500.0	9,241.0	19,723.1	9,256.0	91.0	92.3	-90.98	-10,696.0	926.8	875.8	692.6	183.18	4.781	
19,600.0	9,241.0	19,823.1	9,256.0	91.8	93.2	-90.98	-10,796.0	927.3	875.8	690.9	184.90	4.737	
19,700.0	9,241.0	19,923.1	9,256.0	92.7	94.0	-90.98	-10,896.0	927.8	875.8	689.2	186.61	4.693	
19,800.0	9,241.0	20,023.1	9,256.0	93.6	94.9	-90.98	-10,996.0	928.3	875.8	687.5	188.33	4.651	
19,900.0	9,241.0	20,123.1	9,256.0	94.4	95.8	-90.98	-11,096.0	928.8	875.8	685.8	190.04	4.609	
20,000.0	9,241.0	20,223.1	9,256.0	95.3	96.6	-90.98	-11,196.0	929.3	875.8	684.1	191.75	4.567	
20,100.0	9,241.0	20,323.1	9,256.0	96.1	97.5	-90.98	-11,296.0	929.7	875.8	682.4	193.47	4.527	
20,200.0	9,241.0	20,423.1	9,256.0	97.0	98.3	-90.98	-11,396.0	930.2	875.8	680.7	195.18	4.487	
20,300.0	9,241.0	20,523.1	9,256.0	97.8	99.2	-90.98	-11,496.0	930.7	875.8	678.9	196.90	4.448	
20,400.0	9,241.0	20,623.1	9,256.0	98.7	100.0	-90.98	-11,596.0	931.2	875.9	677.2	198.62	4.410	
20,500.0	9,241.0	20,723.1	9,256.0	99.6	100.9	-90.98	-11,696.0	931.7	875.9	675.5	200.33	4.372	
20,600.0	9,241.0	20,823.1	9,256.0	100.4	101.7	-90.98	-11,796.0	932.2	875.9	673.8	202.05	4.335	
20,700.0	9,241.0	20,923.1	9,256.0	101.3	102.6	-90.98	-11,896.0	932.7	875.9	672.1	203.76	4.298	
20,800.0	9,241.0	21,023.1	9,256.0	102.1	103.5	-90.98	-11,996.0	933.2	875.9	670.4	205.48	4.263	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #704H - OWB - PWP2												Offset Site Error: 0.0 usft	
Survey Program: 0-Standard Keeper 104, 8712-MWD+IFR1+FDIR												Offset Well Error: 3.0 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,900.0	9,241.0	21,123.1	9,256.0	103.0	104.3	-90.98	-12,096.0	933.7	875.9	668.7	207.19	4.227	
21,000.0	9,241.0	21,223.1	9,256.0	103.9	105.2	-90.98	-12,196.0	934.2	875.9	667.0	208.91	4.193	
21,100.0	9,241.0	21,323.1	9,256.0	104.7	106.0	-90.98	-12,296.0	934.7	875.9	665.3	210.63	4.159	
21,200.0	9,241.0	21,423.1	9,256.0	105.6	106.9	-90.98	-12,396.0	935.2	875.9	663.6	212.34	4.125	
21,300.0	9,241.0	21,523.1	9,256.0	106.4	107.7	-90.98	-12,496.0	935.7	875.9	661.8	214.06	4.092	
21,400.0	9,241.0	21,623.1	9,256.0	107.3	108.6	-90.98	-12,596.0	936.2	875.9	660.1	215.78	4.059	
21,500.0	9,241.0	21,723.1	9,256.0	108.2	109.5	-90.98	-12,696.0	936.7	875.9	658.4	217.49	4.027	
21,600.0	9,241.0	21,823.1	9,256.0	109.0	110.3	-90.98	-12,796.0	937.2	875.9	656.7	219.21	3.996	
21,700.0	9,241.0	21,923.1	9,256.0	109.9	111.2	-90.98	-12,896.0	937.7	875.9	655.0	220.92	3.965	
21,800.0	9,241.0	22,023.1	9,256.0	110.7	112.0	-90.98	-12,996.0	938.1	875.9	653.3	222.64	3.934	
21,900.0	9,241.0	22,123.1	9,256.0	111.6	112.9	-90.98	-13,096.0	938.6	875.9	651.6	224.36	3.904	
22,000.0	9,241.0	22,223.1	9,256.0	112.5	113.7	-90.98	-13,196.0	939.1	875.9	649.9	226.08	3.875	
22,100.0	9,241.0	22,323.1	9,256.0	113.3	114.6	-90.98	-13,296.0	939.6	875.9	648.2	227.79	3.845	
22,200.0	9,241.0	22,423.1	9,256.0	114.2	115.4	-90.98	-13,396.0	940.1	876.0	646.4	229.51	3.817	
22,300.0	9,241.0	22,523.1	9,256.0	115.0	116.3	-90.98	-13,496.0	940.6	876.0	644.7	231.23	3.788	
22,400.0	9,241.0	22,623.1	9,256.0	115.9	117.2	-90.98	-13,596.0	941.1	876.0	643.0	232.94	3.760	
22,500.0	9,241.0	22,723.1	9,256.0	116.8	118.0	-90.98	-13,696.0	941.6	876.0	641.3	234.66	3.733	
22,600.0	9,241.0	22,823.1	9,256.0	117.6	118.9	-90.98	-13,796.0	942.1	876.0	639.6	236.38	3.706	
22,700.0	9,241.0	22,923.1	9,256.0	118.5	119.7	-90.98	-13,896.0	942.6	876.0	637.9	238.10	3.679	
22,800.0	9,241.0	23,023.1	9,256.0	119.3	120.6	-90.98	-13,996.0	943.1	876.0	636.2	239.81	3.653	
22,900.0	9,241.0	23,123.1	9,256.0	120.2	121.4	-90.98	-14,096.0	943.6	876.0	634.5	241.53	3.627	
23,000.0	9,241.0	23,223.1	9,256.0	121.1	122.3	-90.98	-14,196.0	944.1	876.0	632.7	243.25	3.601	
23,100.0	9,241.0	23,323.1	9,256.0	121.9	123.2	-90.98	-14,296.0	944.6	876.0	631.0	244.97	3.576	
23,200.0	9,241.0	23,423.1	9,256.0	122.8	124.0	-90.98	-14,396.0	945.1	876.0	629.3	246.69	3.551	
23,300.0	9,241.0	23,523.1	9,256.0	123.6	124.9	-90.98	-14,495.9	945.6	876.0	627.6	248.40	3.527	
23,400.0	9,241.0	23,623.1	9,256.0	124.5	125.7	-90.98	-14,595.9	946.1	876.0	625.9	250.12	3.502	
23,500.0	9,241.0	23,723.1	9,256.0	125.4	126.6	-90.98	-14,695.9	946.6	876.0	624.2	251.84	3.479	
23,600.0	9,241.0	23,823.1	9,256.0	126.2	127.5	-90.98	-14,795.9	947.0	876.0	622.5	253.56	3.455	
23,700.0	9,241.0	23,923.1	9,256.0	127.1	128.3	-90.98	-14,895.9	947.5	876.0	620.8	255.28	3.432	
23,800.0	9,241.0	24,023.1	9,256.0	127.9	129.2	-90.98	-14,995.9	948.0	876.0	619.1	256.99	3.409	
23,900.0	9,241.0	24,123.1	9,256.0	128.8	130.0	-90.98	-15,095.9	948.5	876.0	617.3	258.71	3.386	
24,000.0	9,241.0	24,223.1	9,256.0	129.7	130.9	-90.98	-15,195.9	949.0	876.1	615.6	260.43	3.364	
24,100.0	9,241.0	24,323.1	9,256.0	130.5	131.7	-90.98	-15,295.9	949.5	876.1	613.9	262.15	3.342	
24,200.0	9,241.0	24,423.1	9,256.0	131.4	132.6	-90.98	-15,395.9	950.0	876.1	612.2	263.87	3.320	
24,300.0	9,241.0	24,523.1	9,256.0	132.2	133.5	-90.98	-15,495.9	950.5	876.1	610.5	265.59	3.299	
24,400.0	9,241.0	24,623.1	9,256.0	133.1	134.3	-90.98	-15,595.9	951.0	876.1	608.8	267.30	3.277	
24,500.0	9,241.0	24,723.1	9,256.0	134.0	135.2	-90.98	-15,695.9	951.5	876.1	607.1	269.02	3.257	
24,600.0	9,241.0	24,823.1	9,256.0	134.8	136.0	-90.98	-15,795.9	952.0	876.1	605.3	270.74	3.236	
24,700.0	9,241.0	24,923.1	9,256.0	135.7	136.9	-90.98	-15,895.9	952.5	876.1	603.6	272.46	3.216	
24,800.0	9,241.0	25,023.1	9,256.0	136.5	137.7	-90.98	-15,995.9	953.0	876.1	601.9	274.18	3.195	
24,900.0	9,241.0	25,123.1	9,256.0	137.4	138.6	-90.98	-16,095.9	953.5	876.1	600.2	275.90	3.175	
25,000.0	9,241.0	25,223.1	9,256.0	138.3	139.5	-90.98	-16,195.9	954.0	876.1	598.5	277.62	3.156	
25,038.6	9,241.0	25,261.6	9,256.0	138.6	139.8	-90.98	-16,234.5	954.2	876.1	597.8	278.28	3.148 SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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COMPASS 5000.15 Build 91E

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #706H - OWB - PWP2												Offset Site Error: 0.0 usft		
Survey Program: 0-MWD+IFR1+FDIR												Offset Well Error: 3.0 usft		
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.0	0.0	0.0	0.0	3.0	3.0	-88.98	0.5	-29.9	29.9					
100.0	100.0	100.0	100.0	3.0	3.0	-88.98	0.5	-29.9	29.9	23.9	6.00	4.982		
200.0	200.0	200.0	200.0	3.0	3.0	-88.98	0.5	-29.9	29.9	23.9	6.04	4.951		
300.0	300.0	300.0	300.0	3.0	3.1	-88.98	0.5	-29.9	29.9	23.8	6.12	4.886		
400.0	400.0	400.0	400.0	3.0	3.2	-88.98	0.5	-29.9	29.9	23.7	6.24	4.792		
500.0	500.0	500.0	500.0	3.1	3.4	-88.98	0.5	-29.9	29.9	23.5	6.40	4.675		
600.0	600.0	600.0	600.0	3.1	3.6	-88.98	0.5	-29.9	29.9	23.3	6.58	4.542		
700.0	700.0	700.0	700.0	3.1	3.8	-88.98	0.5	-29.9	29.9	23.1	6.80	4.399		
800.0	800.0	800.0	800.0	3.2	4.0	-88.98	0.5	-29.9	29.9	22.9	7.04	4.250		
900.0	900.0	900.0	900.0	3.2	4.2	-88.98	0.5	-29.9	29.9	22.6	7.29	4.100		
1,000.0	1,000.0	1,000.0	1,000.0	3.2	4.5	-88.98	0.5	-29.9	29.9	22.3	7.57	3.951		
1,100.0	1,100.0	1,100.0	1,100.0	3.3	4.8	-88.98	0.5	-29.9	29.9	22.0	7.86	3.806		
1,200.0	1,200.0	1,200.0	1,200.0	3.4	5.1	-88.98	0.5	-29.9	29.9	21.7	8.16	3.666		
1,300.0	1,300.0	1,300.0	1,300.0	3.4	5.3	-88.98	0.5	-29.9	29.9	21.4	8.47	3.531		
1,400.0	1,400.0	1,400.0	1,400.0	3.5	5.6	-88.98	0.5	-29.9	29.9	21.1	8.79	3.402		
1,500.0	1,500.0	1,500.0	1,500.0	3.5	6.0	-88.98	0.5	-29.9	29.9	20.8	9.12	3.280		
1,600.0	1,600.0	1,600.0	1,600.0	3.6	6.3	-88.98	0.5	-29.9	29.9	20.5	9.45	3.164		
1,700.0	1,700.0	1,700.0	1,700.0	3.7	6.6	-88.98	0.5	-29.9	29.9	20.1	9.79	3.053		
1,800.0	1,800.0	1,800.0	1,800.0	3.8	6.9	-88.98	0.5	-29.9	29.9	19.8	10.14	2.949		
1,900.0	1,900.0	1,900.0	1,900.0	3.9	7.2	-88.98	0.5	-29.9	29.9	19.4	10.49	2.850		
2,000.0	2,000.0	2,000.0	2,000.0	3.9	7.6	-88.98	0.5	-29.9	29.9	19.1	10.85	2.757		
2,100.0	2,100.0	2,100.0	2,100.0	4.0	7.9	-88.98	0.5	-29.9	29.9	18.7	11.21	2.668		
2,200.0	2,200.0	2,200.0	2,200.0	4.1	8.2	-88.98	0.5	-29.9	29.9	18.3	11.57	2.585		
2,300.0	2,300.0	2,300.0	2,300.0	4.2	8.6	-88.98	0.5	-29.9	29.9	18.0	11.94	2.505		
2,400.0	2,400.0	2,400.0	2,400.0	4.3	8.9	-88.98	0.5	-29.9	29.9	17.6	12.31	2.430		
2,500.0	2,500.0	2,500.0	2,500.0	4.4	9.2	-88.98	0.5	-29.9	29.9	17.2	12.68	2.359 CC, ES, SF		
2,600.0	2,600.0	2,599.0	2,599.0	4.5	9.6	-87.97	1.1	-31.5	31.5	18.5	13.04	2.419		
2,700.0	2,700.0	2,697.7	2,697.6	4.6	9.9	-85.49	2.9	-36.3	36.5	23.1	13.39	2.726		
2,800.0	2,800.0	2,797.5	2,797.1	4.7	10.2	-83.03	5.2	-42.8	43.3	29.5	13.77	3.142		
2,900.0	2,900.0	2,897.2	2,896.6	4.8	10.6	-81.23	7.6	-49.4	50.1	35.9	14.16	3.538		
3,000.0	3,000.0	2,997.0	2,996.1	4.9	10.9	-79.86	10.0	-55.9	56.9	42.4	14.54	3.916		
3,100.0	3,100.0	3,096.7	3,095.6	5.0	11.2	-78.79	12.4	-62.5	63.8	48.9	14.93	4.275		
3,200.0	3,200.0	3,196.5	3,195.1	5.1	11.6	-77.93	14.8	-69.0	70.7	55.4	15.32	4.616		
3,300.0	3,300.0	3,296.2	3,294.6	5.2	11.9	-77.22	17.1	-75.5	77.7	61.9	15.72	4.941		
3,400.0	3,400.0	3,396.0	3,394.1	5.3	12.3	-76.62	19.5	-82.1	84.6	68.5	16.11	5.249		
3,500.0	3,500.0	3,495.8	3,493.7	5.4	12.6	-76.12	21.9	-88.6	91.5	75.0	16.51	5.543		
3,600.0	3,600.0	3,595.5	3,593.2	5.5	12.9	-75.69	24.3	-95.2	98.4	81.5	16.91	5.822		
3,700.0	3,700.0	3,695.3	3,692.7	5.7	13.3	-75.31	26.7	-101.7	105.4	88.1	17.31	6.089		
3,800.0	3,800.0	3,795.0	3,792.2	5.8	13.6	-74.98	29.0	-108.2	112.3	94.6	17.71	6.343		
3,900.0	3,900.0	3,894.8	3,891.7	5.9	14.0	-74.69	31.4	-114.8	119.3	101.2	18.12	6.585		
4,000.0	4,000.0	3,994.5	3,991.2	6.0	14.3	-74.43	33.8	-121.3	126.2	107.7	18.52	6.817		
4,100.0	4,100.0	4,094.3	4,090.7	6.1	14.7	-74.20	36.2	-127.9	133.2	114.3	18.93	7.038		
4,200.0	4,200.0	4,194.0	4,190.2	6.2	15.0	-73.99	38.6	-134.4	140.2	120.8	19.33	7.250		
4,300.0	4,300.0	4,293.8	4,289.8	6.3	15.4	-73.80	40.9	-140.9	147.1	127.4	19.74	7.452		
4,400.0	4,400.0	4,393.6	4,389.3	6.5	15.7	-73.63	43.3	-147.5	154.1	133.9	20.15	7.646		
4,500.0	4,500.0	4,493.3	4,488.8	6.6	16.1	-73.47	45.7	-154.0	161.0	140.5	20.56	7.832		
4,600.0	4,600.0	4,593.1	4,588.3	6.7	16.4	-73.33	48.1	-160.6	168.0	147.0	20.98	8.010		
4,700.0	4,700.0	4,692.8	4,687.8	6.8	16.8	-73.20	50.5	-167.1	175.0	153.6	21.39	8.181		
4,800.0	4,800.0	4,792.6	4,787.3	6.9	17.1	-73.07	52.8	-173.6	181.9	160.1	21.80	8.345		
4,900.0	4,900.0	4,892.3	4,886.8	7.0	17.5	-72.96	55.2	-180.2	188.9	166.7	22.22	8.503		
5,000.0	5,000.0	4,992.1	4,986.4	7.2	17.8	-72.86	57.6	-186.7	195.9	173.2	22.63	8.654		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design		MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #706H - OWB - PWP2											Offset Site Error:	0.0 usft
Survey Program: 0-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.0	5,100.0	5,091.9	5,085.9	7.3	18.2	-72.76	60.0	-193.3	202.8	179.8	23.05	8.800		
5,200.0	5,200.0	5,191.6	5,185.4	7.4	18.5	-72.67	62.4	-199.8	209.8	186.3	23.47	8.941		
5,300.0	5,300.0	5,291.4	5,284.9	7.5	18.9	-72.58	64.7	-206.3	216.8	192.9	23.89	9.076		
5,400.0	5,400.0	5,391.1	5,384.4	7.6	19.2	-72.50	67.1	-212.9	223.7	199.4	24.30	9.206		
5,500.0	5,500.0	5,490.9	5,483.9	7.8	19.6	-72.42	69.5	-219.4	230.7	206.0	24.72	9.332		
5,600.0	5,600.0	5,590.6	5,583.4	7.8	19.9	107.90	71.9	-225.9	238.2	213.1	25.15	9.473		
5,686.9	5,686.8	5,677.0	5,669.6	7.8	20.2	108.78	73.9	-231.6	245.7	220.1	25.53	9.624		
5,700.0	5,699.8	5,690.1	5,682.6	7.8	20.3	108.97	74.3	-232.5	246.8	221.3	25.58	9.648		
5,800.0	5,799.6	5,789.5	5,781.8	7.7	20.6	110.37	76.6	-239.0	256.0	230.0	26.03	9.836		
5,900.0	5,899.4	5,888.8	5,880.9	7.7	21.0	111.67	79.0	-245.5	265.4	238.9	26.47	10.025		
6,000.0	5,999.2	5,988.2	5,980.1	7.6	21.4	112.89	81.4	-252.0	274.8	247.9	26.91	10.214		
6,100.0	6,099.0	6,087.6	6,079.2	7.6	21.7	114.02	83.7	-258.5	284.4	257.0	27.34	10.402		
6,200.0	6,198.8	6,187.0	6,178.4	7.5	22.1	115.08	86.1	-265.0	294.0	266.3	27.77	10.590		
6,300.0	6,298.6	6,286.4	6,277.5	7.5	22.4	116.07	88.5	-271.6	303.8	275.6	28.19	10.776		
6,400.0	6,398.4	6,385.8	6,376.6	7.5	22.8	117.00	90.9	-278.1	313.6	285.0	28.61	10.961		
6,500.0	6,498.1	6,485.2	6,475.8	7.4	23.1	117.88	93.2	-284.6	323.6	294.5	29.03	11.145		
6,600.0	6,597.9	6,584.6	6,574.9	7.4	23.5	118.70	95.6	-291.1	333.6	304.1	29.45	11.326		
6,700.0	6,697.7	6,684.0	6,674.1	7.4	23.8	119.47	98.0	-297.6	343.6	313.8	29.87	11.506		
6,800.0	6,797.5	6,783.3	6,773.2	7.4	24.2	120.20	100.3	-304.1	353.7	323.5	30.28	11.683		
6,900.0	6,897.3	6,882.7	6,872.4	7.3	24.5	120.89	102.7	-310.7	363.9	333.2	30.69	11.857		
7,000.0	6,997.1	6,982.1	6,971.5	7.3	24.9	121.54	105.1	-317.2	374.1	343.0	31.10	12.029		
7,100.0	7,096.9	7,081.5	7,070.7	7.3	25.3	122.16	107.4	-323.7	384.4	352.9	31.51	12.199		
7,200.0	7,196.6	7,180.9	7,169.8	7.3	25.6	122.74	109.8	-330.2	394.7	362.8	31.92	12.365		
7,300.0	7,296.4	7,280.3	7,269.0	7.3	26.0	123.30	112.2	-336.7	405.0	372.7	32.33	12.529		
7,400.0	7,396.2	7,379.7	7,368.1	7.2	26.3	123.83	114.6	-343.2	415.4	382.7	32.74	12.690		
7,500.0	7,496.0	7,479.1	7,467.3	7.2	26.7	124.33	116.9	-349.7	425.8	392.7	33.14	12.849		
7,600.0	7,595.8	7,578.5	7,566.4	7.2	27.0	124.81	119.3	-356.3	436.3	402.7	33.55	13.004		
7,700.0	7,695.6	7,677.8	7,665.6	7.2	27.4	125.26	121.7	-362.8	446.8	412.8	33.96	13.156		
7,800.0	7,795.4	7,777.2	7,764.7	7.2	27.7	125.70	124.0	-369.3	457.3	422.9	34.37	13.306		
7,900.0	7,895.2	7,876.6	7,863.8	7.2	28.1	126.11	126.4	-375.8	467.8	433.0	34.77	13.453		
8,000.0	7,994.9	7,976.0	7,963.0	7.2	28.5	126.51	128.8	-382.3	478.3	443.2	35.18	13.596		
8,100.0	8,094.7	8,075.4	8,062.1	7.2	28.8	126.89	131.2	-388.8	488.9	453.3	35.59	13.737		
8,200.0	8,194.5	8,174.8	8,161.3	7.2	29.2	127.25	133.5	-395.4	499.5	463.5	36.00	13.875		
8,300.0	8,294.3	8,274.2	8,260.4	7.2	29.5	127.60	135.9	-401.9	510.1	473.7	36.41	14.011		
8,400.0	8,394.1	8,373.6	8,359.6	7.3	29.9	127.93	138.3	-408.4	520.7	483.9	36.82	14.143		
8,500.0	8,493.9	8,472.9	8,458.7	7.3	30.2	128.25	140.6	-414.9	531.4	494.2	37.23	14.273		
8,600.0	8,593.7	8,572.3	8,557.9	7.3	30.6	128.56	143.0	-421.4	542.0	504.4	37.64	14.400		
8,700.0	8,693.5	8,674.5	8,659.8	7.3	31.0	128.86	145.4	-428.1	552.7	514.6	38.06	14.524		
8,712.0	8,705.4	8,691.3	8,676.6	7.3	31.0	128.86	145.3	-429.4	553.9	515.8	38.11	14.535		
8,750.0	8,743.2	8,744.8	8,729.7	7.5	31.2	128.51	142.0	-434.7	557.7	519.3	38.37	14.534		
8,800.0	8,792.5	8,814.8	8,798.0	7.5	31.5	127.57	130.7	-444.3	563.4	524.9	38.50	14.634		
8,850.0	8,840.7	8,883.7	8,863.2	7.6	31.7	126.21	111.9	-456.5	570.1	531.5	38.64	14.755		
8,900.0	8,887.7	8,951.4	8,924.1	7.6	31.9	124.49	86.6	-471.0	577.8	539.0	38.79	14.896		
8,950.0	8,933.0	9,017.3	8,979.9	7.7	32.1	122.47	55.4	-487.4	586.5	547.6	38.95	15.057		
9,000.0	8,976.2	9,081.4	9,029.8	7.7	32.3	120.19	19.6	-505.2	596.3	557.2	39.13	15.239		
9,050.0	9,017.2	9,143.5	9,073.8	7.8	32.4	117.71	-20.0	-524.1	607.2	567.9	39.33	15.441		
9,100.0	9,055.4	9,203.6	9,111.5	7.9	32.6	115.05	-62.5	-543.5	619.3	579.8	39.54	15.663		
9,150.0	9,090.8	9,261.7	9,143.2	8.0	32.7	112.25	-107.0	-563.3	632.5	592.8	39.77	15.905		
9,200.0	9,122.9	9,318.0	9,169.1	8.1	32.8	109.36	-152.8	-583.3	646.8	606.8	40.02	16.163		
9,250.0	9,151.5	9,372.6	9,189.4	8.2	33.0	106.39	-199.5	-603.1	662.1	621.8	40.28	16.436		
9,300.0	9,176.5	9,425.7	9,204.4	8.3	33.1	103.37	-246.4	-622.6	678.2	637.7	40.56	16.720		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design		MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #706H - OWB - PWP2											Offset Site Error:		0.0 usft
Survey Program: 0-MWD+IFR1+FDIR													Offset Well Error:		3.0 usft
Reference		Offset		Semi Major Axis		Distance								Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
9,350.0	9,197.5	9,477.3	9,214.4	8.4	33.2	100.34	-293.3	-641.7	695.1	654.3	40.86	17.013			
9,400.0	9,214.6	9,527.8	9,219.8	8.4	33.2	97.32	-339.9	-660.4	712.6	671.4	41.16	17.312			
9,450.0	9,227.5	9,580.3	9,221.0	8.5	33.3	94.29	-388.7	-679.6	730.5	689.0	41.47	17.613			
9,500.0	9,236.2	9,642.3	9,221.0	8.6	33.4	91.50	-446.9	-701.2	748.0	706.2	41.79	17.899			
9,550.0	9,240.5	9,706.1	9,221.0	8.6	33.5	89.30	-507.1	-722.2	764.7	722.6	42.11	18.161			
9,574.6	9,241.0	9,738.0	9,221.0	8.8	33.6	88.44	-537.4	-732.2	772.5	730.3	42.27	18.278			
9,600.0	9,241.0	9,771.2	9,221.0	8.9	33.6	88.46	-569.0	-742.2	780.3	737.9	42.43	18.391			
9,700.0	9,241.0	9,904.0	9,221.0	9.4	33.9	88.53	-696.7	-778.7	808.3	765.1	43.15	18.730			
9,800.0	9,241.0	10,040.2	9,221.0	10.0	34.2	88.59	-829.3	-809.9	831.6	787.7	43.96	18.917			
9,900.0	9,241.0	10,179.3	9,221.0	10.7	34.5	88.63	-966.0	-835.2	850.3	805.5	44.84	18.963			
10,000.0	9,241.0	10,320.6	9,221.0	11.3	34.9	88.66	-1,106.1	-854.1	864.2	818.4	45.77	18.880			
10,100.0	9,241.0	10,463.5	9,221.0	12.0	35.2	88.68	-1,248.5	-866.1	873.1	826.3	46.75	18.675			
10,200.0	9,241.0	10,607.4	9,221.0	12.7	35.6	88.69	-1,392.3	-871.1	877.0	829.3	47.75	18.368			
10,300.0	9,241.0	10,719.9	9,221.0	13.5	36.0	88.69	-1,504.8	-870.8	877.2	828.5	48.77	17.987			
10,400.0	9,241.0	10,819.9	9,221.0	14.2	36.3	88.69	-1,604.8	-870.3	877.2	827.4	49.83	17.605			
10,500.0	9,241.0	10,919.9	9,221.0	14.9	36.6	88.69	-1,704.8	-869.8	877.2	826.3	50.92	17.229			
10,600.0	9,241.0	11,019.9	9,221.0	15.7	37.0	88.69	-1,804.8	-869.3	877.2	825.2	52.03	16.859			
10,700.0	9,241.0	11,119.9	9,221.0	16.5	37.3	88.69	-1,904.8	-868.8	877.2	824.0	53.17	16.497			
10,800.0	9,241.0	11,219.9	9,221.0	17.3	37.7	88.69	-2,004.8	-868.3	877.2	822.8	54.34	16.142			
10,900.0	9,241.0	11,319.9	9,221.0	18.1	38.1	88.69	-2,104.8	-867.8	877.2	821.7	55.53	15.796			
11,000.0	9,241.0	11,419.9	9,221.0	18.9	38.5	88.69	-2,204.8	-867.4	877.2	820.4	56.74	15.459			
11,100.0	9,241.0	11,519.9	9,221.0	19.7	38.9	88.69	-2,304.8	-866.9	877.2	819.2	57.97	15.130			
11,200.0	9,241.0	11,619.9	9,221.0	20.5	39.3	88.69	-2,404.8	-866.4	877.2	817.9	59.23	14.811			
11,300.0	9,241.0	11,719.9	9,221.0	21.3	39.8	88.69	-2,504.8	-865.9	877.2	816.7	60.49	14.500			
11,400.0	9,241.0	11,819.9	9,221.0	22.1	40.2	88.69	-2,604.8	-865.4	877.1	815.4	61.78	14.198			
11,500.0	9,241.0	11,919.9	9,221.0	22.9	40.7	88.69	-2,704.8	-864.9	877.1	814.1	63.08	13.904			
11,600.0	9,241.0	12,019.9	9,221.0	23.7	41.2	88.69	-2,804.8	-864.4	877.1	812.7	64.40	13.620			
11,700.0	9,241.0	12,119.9	9,221.0	24.6	41.7	88.69	-2,904.8	-863.9	877.1	811.4	65.73	13.343			
11,800.0	9,241.0	12,219.9	9,221.0	25.4	42.2	88.69	-3,004.8	-863.4	877.1	810.0	67.08	13.075			
11,900.0	9,241.0	12,319.9	9,221.0	26.2	42.7	88.69	-3,104.8	-862.9	877.1	808.7	68.44	12.815			
12,000.0	9,241.0	12,419.9	9,221.0	27.0	43.3	88.69	-3,204.8	-862.4	877.1	807.3	69.82	12.563			
12,100.0	9,241.0	12,519.9	9,221.0	27.9	43.8	88.69	-3,304.8	-861.9	877.1	805.9	71.20	12.319			
12,200.0	9,241.0	12,619.9	9,221.0	28.7	44.4	88.69	-3,404.8	-861.4	877.1	804.5	72.60	12.082			
12,300.0	9,241.0	12,719.9	9,221.0	29.5	44.9	88.69	-3,504.8	-860.9	877.1	803.1	74.01	11.852			
12,400.0	9,241.0	12,819.9	9,221.0	30.4	45.5	88.69	-3,604.8	-860.4	877.1	801.7	75.42	11.629			
12,500.0	9,241.0	12,919.9	9,221.0	31.2	46.1	88.69	-3,704.8	-859.9	877.1	800.2	76.85	11.412			
12,600.0	9,241.0	13,019.9	9,221.0	32.1	46.7	88.69	-3,804.8	-859.4	877.1	798.8	78.29	11.202			
12,700.0	9,241.0	13,119.9	9,221.0	32.9	47.3	88.69	-3,904.8	-858.9	877.1	797.3	79.74	10.999			
12,800.0	9,241.0	13,219.9	9,221.0	33.7	47.9	88.69	-4,004.7	-858.4	877.1	795.9	81.20	10.802			
12,900.0	9,241.0	13,319.9	9,221.0	34.6	48.5	88.69	-4,104.7	-857.9	877.0	794.4	82.66	10.610			
13,000.0	9,241.0	13,419.9	9,221.0	35.4	49.1	88.69	-4,204.7	-857.4	877.0	792.9	84.14	10.424			
13,100.0	9,241.0	13,519.9	9,221.0	36.3	49.8	88.69	-4,304.7	-856.9	877.0	791.4	85.62	10.244			
13,200.0	9,241.0	13,619.9	9,221.0	37.1	50.4	88.69	-4,404.7	-856.4	877.0	789.9	87.11	10.069			
13,300.0	9,241.0	13,719.9	9,221.0	38.0	51.0	88.69	-4,504.7	-856.0	877.0	788.4	88.60	9.898			
13,400.0	9,241.0	13,819.9	9,221.0	38.8	51.7	88.69	-4,604.7	-855.5	877.0	786.9	90.10	9.733			
13,500.0	9,241.0	13,919.9	9,221.0	39.7	52.3	88.69	-4,704.7	-855.0	877.0	785.4	91.61	9.573			
13,600.0	9,241.0	14,019.9	9,221.0	40.5	53.0	88.69	-4,804.7	-854.5	877.0	783.9	93.13	9.417			
13,700.0	9,241.0	14,119.9	9,221.0	41.4	53.7	88.69	-4,904.7	-854.0	877.0	782.3	94.65	9.265			
13,800.0	9,241.0	14,219.9	9,221.0	42.2	54.3	88.69	-5,004.7	-853.5	877.0	780.8	96.18	9.118			
13,900.0	9,241.0	14,319.9	9,221.0	43.1	55.0	88.69	-5,104.7	-853.0	877.0	779.3	97.71	8.975			
14,000.0	9,241.0	14,419.9	9,221.0	43.9	55.7	88.69	-5,204.7	-852.5	877.0	777.7	99.25	8.836			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design		MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #706H - OWB - PWP2											Offset Site Error:	0.0 usft
Survey Program: 0-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,100.0	9,241.0	14,519.9	9,221.0	44.8	56.4	88.69	-5,304.7	-852.0	877.0	776.2	100.80	8.700		
14,200.0	9,241.0	14,619.9	9,221.0	45.6	57.1	88.69	-5,404.7	-851.5	877.0	774.6	102.34	8.569		
14,300.0	9,241.0	14,719.9	9,221.0	46.5	57.8	88.69	-5,504.7	-851.0	876.9	773.1	103.90	8.440		
14,400.0	9,241.0	14,819.9	9,221.0	47.3	58.5	88.69	-5,604.7	-850.5	876.9	771.5	105.46	8.316		
14,500.0	9,241.0	14,919.9	9,221.0	48.2	59.2	88.69	-5,704.7	-850.0	876.9	769.9	107.02	8.194		
14,600.0	9,241.0	15,019.9	9,221.0	49.0	59.9	88.69	-5,804.7	-849.5	876.9	768.3	108.59	8.076		
14,700.0	9,241.0	15,119.9	9,221.0	49.9	60.6	88.69	-5,904.7	-849.0	876.9	766.8	110.16	7.961		
14,800.0	9,241.0	15,219.9	9,221.0	50.7	61.3	88.69	-6,004.7	-848.5	876.9	765.2	111.73	7.848		
14,900.0	9,241.0	15,319.9	9,221.0	51.6	62.0	88.69	-6,104.7	-848.0	876.9	763.6	113.31	7.739		
15,000.0	9,241.0	15,419.9	9,221.0	52.4	62.8	88.69	-6,204.7	-847.5	876.9	762.0	114.89	7.632		
15,100.0	9,241.0	15,519.9	9,221.0	53.3	63.5	88.69	-6,304.7	-847.0	876.9	760.4	116.48	7.528		
15,200.0	9,241.0	15,619.9	9,221.0	54.1	64.2	88.69	-6,404.7	-846.5	876.9	758.8	118.07	7.427		
15,300.0	9,241.0	15,719.9	9,221.0	55.0	65.0	88.69	-6,504.7	-846.0	876.9	757.2	119.66	7.328		
15,400.0	9,241.0	15,819.9	9,221.0	55.8	65.7	88.69	-6,604.7	-845.5	876.9	755.6	121.26	7.231		
15,500.0	9,241.0	15,919.9	9,221.0	56.7	66.4	88.69	-6,704.7	-845.1	876.9	754.0	122.86	7.137		
15,600.0	9,241.0	16,019.9	9,221.0	57.5	67.2	88.69	-6,804.7	-844.6	876.9	752.4	124.46	7.045		
15,700.0	9,241.0	16,119.9	9,221.0	58.4	67.9	88.69	-6,904.7	-844.1	876.9	750.8	126.07	6.955		
15,800.0	9,241.0	16,219.9	9,221.0	59.3	68.7	88.69	-7,004.7	-843.6	876.8	749.2	127.68	6.868		
15,900.0	9,241.0	16,319.9	9,221.0	60.1	69.4	88.69	-7,104.7	-843.1	876.8	747.6	129.29	6.782		
16,000.0	9,241.0	16,419.9	9,221.0	61.0	70.2	88.69	-7,204.7	-842.6	876.8	745.9	130.90	6.698		
16,100.0	9,241.0	16,519.9	9,221.0	61.8	70.9	88.69	-7,304.7	-842.1	876.8	744.3	132.52	6.617		
16,200.0	9,241.0	16,619.9	9,221.0	62.7	71.7	88.69	-7,404.7	-841.6	876.8	742.7	134.13	6.537		
16,300.0	9,241.0	16,719.9	9,221.0	63.5	72.5	88.69	-7,504.7	-841.1	876.8	741.1	135.75	6.459		
16,400.0	9,241.0	16,819.9	9,221.0	64.4	73.2	88.69	-7,604.7	-840.6	876.8	739.4	137.38	6.382		
16,500.0	9,241.0	16,919.9	9,221.0	65.2	74.0	88.69	-7,704.7	-840.1	876.8	737.8	139.00	6.308		
16,600.0	9,241.0	17,019.9	9,221.0	66.1	74.8	88.69	-7,804.7	-839.6	876.8	736.2	140.63	6.235		
16,700.0	9,241.0	17,119.9	9,221.0	67.0	75.5	88.69	-7,904.7	-839.1	876.8	734.5	142.26	6.163		
16,800.0	9,241.0	17,219.9	9,221.0	67.8	76.3	88.69	-8,004.7	-838.6	876.8	732.9	143.89	6.093		
16,900.0	9,241.0	17,319.9	9,221.0	68.7	77.1	88.69	-8,104.7	-838.1	876.8	731.2	145.52	6.025		
17,000.0	9,241.0	17,419.9	9,221.0	69.5	77.8	88.69	-8,204.7	-837.6	876.8	729.6	147.16	5.958		
17,100.0	9,241.0	17,519.9	9,221.0	70.4	78.6	88.69	-8,304.7	-837.1	876.8	728.0	148.80	5.892		
17,200.0	9,241.0	17,619.9	9,221.0	71.2	79.4	88.69	-8,404.7	-836.6	876.7	726.3	150.44	5.828		
17,300.0	9,241.0	17,719.9	9,221.0	72.1	80.2	88.69	-8,504.7	-836.1	876.7	724.7	152.08	5.765		
17,400.0	9,241.0	17,819.9	9,221.0	73.0	81.0	88.69	-8,604.7	-835.6	876.7	723.0	153.72	5.703		
17,500.0	9,241.0	17,919.9	9,221.0	73.8	81.8	88.69	-8,704.7	-835.1	876.7	721.4	155.36	5.643		
17,600.0	9,241.0	18,019.9	9,221.0	74.7	82.5	88.69	-8,804.7	-834.6	876.7	719.7	157.01	5.584		
17,700.0	9,241.0	18,119.9	9,221.0	75.5	83.3	88.69	-8,904.7	-834.2	876.7	718.1	158.66	5.526		
17,800.0	9,241.0	18,219.9	9,221.0	76.4	84.1	88.69	-9,004.7	-833.7	876.7	716.4	160.30	5.469		
17,900.0	9,241.0	18,319.9	9,221.0	77.2	84.9	88.69	-9,104.7	-833.2	876.7	714.7	161.95	5.413		
18,000.0	9,241.0	18,419.9	9,221.0	78.1	85.7	88.69	-9,204.7	-832.7	876.7	713.1	163.61	5.359		
18,100.0	9,241.0	18,519.9	9,221.0	79.0	86.5	88.69	-9,304.7	-832.2	876.7	711.4	165.26	5.305		
18,200.0	9,241.0	18,619.9	9,221.0	79.8	87.3	88.69	-9,404.7	-831.7	876.7	709.8	166.91	5.252		
18,300.0	9,241.0	18,719.9	9,221.0	80.7	88.1	88.69	-9,504.7	-831.2	876.7	708.1	168.57	5.201		
18,400.0	9,241.0	18,819.9	9,221.0	81.5	88.9	88.69	-9,604.7	-830.7	876.7	706.4	170.22	5.150		
18,500.0	9,241.0	18,919.9	9,221.0	82.4	89.7	88.69	-9,704.7	-830.2	876.7	704.8	171.88	5.100		
18,600.0	9,241.0	19,019.9	9,221.0	83.3	90.5	88.69	-9,804.7	-829.7	876.7	703.1	173.54	5.052		
18,700.0	9,241.0	19,119.9	9,221.0	84.1	91.3	88.69	-9,904.7	-829.2	876.6	701.4	175.20	5.004		
18,800.0	9,241.0	19,219.9	9,221.0	85.0	92.1	88.69	-10,004.7	-828.7	876.6	699.8	176.86	4.957		
18,900.0	9,241.0	19,319.9	9,221.0	85.8	92.9	88.69	-10,104.7	-828.2	876.6	698.1	178.53	4.910		
19,000.0	9,241.0	19,419.9	9,221.0	86.7	93.7	88.69	-10,204.7	-827.7	876.6	696.4	180.19	4.865		
19,100.0	9,241.0	19,519.9	9,221.0	87.5	94.5	88.69	-10,304.7	-827.2	876.6	694.8	181.85	4.820		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #706H - OWB - PWP2												Offset Site Error:	0.0 usft
Survey Program: 0-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
				(usft)	(usft)			+N/-S (usft)	+E/-W (usft)				
19,200.0	9,241.0	19,619.9	9,221.0	88.4	95.3	88.69		-10,404.7	-826.7	876.6	693.1	183.52	4.777
19,300.0	9,241.0	19,719.9	9,221.0	89.3	96.1	88.69		-10,504.7	-826.2	876.6	691.4	185.19	4.734
19,400.0	9,241.0	19,819.9	9,221.0	90.1	96.9	88.69		-10,604.7	-825.7	876.6	689.7	186.85	4.691
19,500.0	9,241.0	19,919.9	9,221.0	91.0	97.7	88.69		-10,704.7	-825.2	876.6	688.1	188.52	4.650
19,600.0	9,241.0	20,019.9	9,221.0	91.8	98.5	88.69		-10,804.7	-824.7	876.6	686.4	190.19	4.609
19,700.0	9,241.0	20,119.9	9,221.0	92.7	99.3	88.69		-10,904.7	-824.2	876.6	684.7	191.86	4.569
19,800.0	9,241.0	20,219.9	9,221.0	93.6	100.1	88.69		-11,004.7	-823.7	876.6	683.0	193.53	4.529
19,900.0	9,241.0	20,319.9	9,221.0	94.4	100.9	88.69		-11,104.7	-823.2	876.6	681.4	195.20	4.490
20,000.0	9,241.0	20,419.9	9,221.0	95.3	101.8	88.69		-11,204.7	-822.8	876.6	679.7	196.88	4.452
20,100.0	9,241.0	20,519.9	9,221.0	96.1	102.6	88.69		-11,304.7	-822.3	876.5	678.0	198.55	4.415
20,200.0	9,241.0	20,619.9	9,221.0	97.0	103.4	88.69		-11,404.7	-821.8	876.5	676.3	200.23	4.378
20,300.0	9,241.0	20,719.9	9,221.0	97.8	104.2	88.69		-11,504.7	-821.3	876.5	674.6	201.90	4.341
20,400.0	9,241.0	20,819.9	9,221.0	98.7	105.0	88.69		-11,604.7	-820.8	876.5	672.9	203.58	4.306
20,500.0	9,241.0	20,919.9	9,221.0	99.6	105.8	88.69		-11,704.7	-820.3	876.5	671.3	205.25	4.270
20,600.0	9,241.0	21,019.9	9,221.0	100.4	106.6	88.69		-11,804.7	-819.8	876.5	669.6	206.93	4.236
20,700.0	9,241.0	21,119.9	9,221.0	101.3	107.5	88.69		-11,904.7	-819.3	876.5	667.9	208.61	4.202
20,800.0	9,241.0	21,219.9	9,221.0	102.1	108.3	88.69		-12,004.7	-818.8	876.5	666.2	210.29	4.168
20,900.0	9,241.0	21,319.9	9,221.0	103.0	109.1	88.69		-12,104.6	-818.3	876.5	664.5	211.97	4.135
21,000.0	9,241.0	21,419.9	9,221.0	103.9	109.9	88.69		-12,204.6	-817.8	876.5	662.8	213.65	4.102
21,100.0	9,241.0	21,519.9	9,221.0	104.7	110.7	88.69		-12,304.6	-817.3	876.5	661.1	215.33	4.070
21,200.0	9,241.0	21,619.9	9,221.0	105.6	111.6	88.69		-12,404.6	-816.8	876.5	659.5	217.01	4.039
21,300.0	9,241.0	21,719.9	9,221.0	106.4	112.4	88.69		-12,504.6	-816.3	876.5	657.8	218.69	4.008
21,400.0	9,241.0	21,819.9	9,221.0	107.3	113.2	88.69		-12,604.6	-815.8	876.5	656.1	220.38	3.977
21,500.0	9,241.0	21,919.9	9,221.0	108.2	114.0	88.69		-12,704.6	-815.3	876.4	654.4	222.06	3.947
21,600.0	9,241.0	22,019.9	9,221.0	109.0	114.8	88.69		-12,804.6	-814.8	876.4	652.7	223.74	3.917
21,700.0	9,241.0	22,119.9	9,221.0	109.9	115.7	88.69		-12,904.6	-814.3	876.4	651.0	225.43	3.888
21,800.0	9,241.0	22,219.9	9,221.0	110.7	116.5	88.69		-13,004.6	-813.8	876.4	649.3	227.11	3.859
21,900.0	9,241.0	22,319.9	9,221.0	111.6	117.3	88.69		-13,104.6	-813.3	876.4	647.6	228.80	3.831
22,000.0	9,241.0	22,419.9	9,221.0	112.5	118.1	88.69		-13,204.6	-812.8	876.4	645.9	230.48	3.803
22,100.0	9,241.0	22,519.9	9,221.0	113.3	119.0	88.69		-13,304.6	-812.3	876.4	644.2	232.17	3.775
22,200.0	9,241.0	22,619.9	9,221.0	114.2	119.8	88.69		-13,404.6	-811.9	876.4	642.5	233.86	3.748
22,300.0	9,241.0	22,719.9	9,221.0	115.0	120.6	88.69		-13,504.6	-811.4	876.4	640.8	235.54	3.721
22,400.0	9,241.0	22,819.9	9,221.0	115.9	121.5	88.69		-13,604.6	-810.9	876.4	639.2	237.23	3.694
22,500.0	9,241.0	22,919.9	9,221.0	116.8	122.3	88.69		-13,704.6	-810.4	876.4	637.5	238.92	3.668
22,600.0	9,241.0	23,019.9	9,221.0	117.6	123.1	88.69		-13,804.6	-809.9	876.4	635.8	240.61	3.642
22,700.0	9,241.0	23,119.9	9,221.0	118.5	123.9	88.69		-13,904.6	-809.4	876.4	634.1	242.30	3.617
22,800.0	9,241.0	23,219.9	9,221.0	119.3	124.8	88.69		-14,004.6	-808.9	876.4	632.4	243.99	3.592
22,900.0	9,241.0	23,319.9	9,221.0	120.2	125.6	88.69		-14,104.6	-808.4	876.4	630.7	245.68	3.567
23,000.0	9,241.0	23,419.9	9,221.0	121.1	126.4	88.69		-14,204.6	-807.9	876.3	629.0	247.37	3.543
23,100.0	9,241.0	23,519.9	9,221.0	121.9	127.3	88.69		-14,304.6	-807.4	876.3	627.3	249.06	3.519
23,200.0	9,241.0	23,619.9	9,221.0	122.8	128.1	88.69		-14,404.6	-806.9	876.3	625.6	250.75	3.495
23,300.0	9,241.0	23,719.9	9,221.0	123.6	128.9	88.69		-14,504.6	-806.4	876.3	623.9	252.45	3.471
23,400.0	9,241.0	23,819.9	9,221.0	124.5	129.7	88.69		-14,604.6	-805.9	876.3	622.2	254.14	3.448
23,500.0	9,241.0	23,919.9	9,221.0	125.4	130.6	88.69		-14,704.6	-805.4	876.3	620.5	255.83	3.425
23,600.0	9,241.0	24,019.9	9,221.0	126.2	131.4	88.69		-14,804.6	-804.9	876.3	618.8	257.52	3.403
23,700.0	9,241.0	24,119.9	9,221.0	127.1	132.2	88.69		-14,904.6	-804.4	876.3	617.1	259.22	3.381
23,800.0	9,241.0	24,219.9	9,221.0	127.9	133.1	88.69		-15,004.6	-803.9	876.3	615.4	260.91	3.359
23,900.0	9,241.0	24,319.9	9,221.0	128.8	133.9	88.69		-15,104.6	-803.4	876.3	613.7	262.61	3.337
24,000.0	9,241.0	24,419.9	9,221.0	129.7	134.7	88.69		-15,204.6	-802.9	876.3	612.0	264.30	3.315
24,100.0	9,241.0	24,519.9	9,221.0	130.5	135.6	88.69		-15,304.6	-802.4	876.3	610.3	265.99	3.294
24,200.0	9,241.0	24,619.9	9,221.0	131.4	136.4	88.69		-15,404.6	-801.9	876.3	608.6	267.69	3.273

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 30 STATE COM #706H - OWB - PWP2												Offset Site Error:	0.0 usft
Survey Program: 0-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
24,300.0	9,241.0	24,719.9	9,221.0	132.2	137.2	88.69	-15,504.6	-801.4	876.3	606.9	269.39	3.253	
24,400.0	9,241.0	24,819.9	9,221.0	133.1	138.1	88.69	-15,604.6	-800.9	876.2	605.2	271.08	3.232	
24,500.0	9,241.0	24,919.9	9,221.0	134.0	138.9	88.69	-15,704.6	-800.5	876.2	603.5	272.78	3.212	
24,600.0	9,241.0	25,019.9	9,221.0	134.8	139.8	88.69	-15,804.6	-800.0	876.2	601.8	274.47	3.192	
24,700.0	9,241.0	25,119.9	9,221.0	135.7	140.6	88.69	-15,904.6	-799.5	876.2	600.1	276.17	3.173	
24,800.0	9,241.0	25,219.9	9,221.0	136.5	141.4	88.69	-16,004.6	-799.0	876.2	598.4	277.87	3.153	
24,900.0	9,241.0	25,319.9	9,221.0	137.4	142.3	88.69	-16,104.6	-798.5	876.2	596.6	279.57	3.134	
25,000.0	9,241.0	25,419.9	9,221.0	138.3	143.1	88.69	-16,204.6	-798.0	876.2	594.9	281.26	3.115	
25,038.6	9,241.0	25,458.5	9,221.0	138.6	143.4	88.69	-16,243.2	-797.8	876.2	594.3	281.92	3.108	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design MYOX 30 & 31 STATE PROJECT (ATLAS 2528) - MYOX 6 STATE COM #3H - OWB-PILOT HOLE - AV												Offset Site Error:	0.0 usft
Survey Program: 100-GYRO-NS												Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
24,500.0	9,241.0	9,232.9	9,231.2	134.0	32.8	-87.08	-16,522.3	644.2	1,000.0	887.4	112.53	8.886	
24,600.0	9,241.0	9,237.2	9,235.5	134.8	32.8	-87.52	-16,522.5	644.2	919.2	800.1	119.10	7.718	
24,700.0	9,241.0	9,241.6	9,239.9	135.7	32.8	-87.96	-16,522.7	644.1	842.6	716.0	126.58	6.656	
24,800.0	9,241.0	9,246.0	9,244.3	136.5	32.8	-88.41	-16,522.9	644.0	771.3	636.3	134.99	5.714	
24,900.0	9,241.0	9,250.5	9,248.8	137.4	32.9	-88.86	-16,523.1	643.9	706.9	562.8	144.15	4.904	
25,000.0	9,241.0	9,255.0	9,253.3	138.3	32.9	-89.32	-16,523.3	643.9	651.6	498.0	153.63	4.242	
25,038.6	9,241.0	9,256.8	9,255.1	138.6	32.9	-89.50	-16,523.4	643.8	633.2	476.0	157.20	4.028 CC, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design SCOUT STATE PROJECT (ATLAS 2528) - SCOUT ST COM #605H - OWB - PWP1													Offset Site Error:	3.0 usft
Survey Program: 0-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
				(usft)	(usft)			+N/-S (usft)	+E/-W (usft)					
8,200.0	8,194.5	24,211.0	9,209.0	7.2	132.7	121.69		-177.2	-93.4	999.9	866.6	133.25	7.504	
8,300.0	8,294.3	24,212.2	9,209.0	7.2	132.7	121.15		-178.4	-93.4	900.6	767.0	133.54	6.744	
8,400.0	8,394.1	24,212.2	9,209.0	7.3	132.7	121.15		-178.4	-93.4	801.4	667.6	133.82	5.989	
8,500.0	8,493.9	24,212.2	9,209.0	7.3	132.7	121.15		-178.4	-93.4	702.4	568.4	134.10	5.238	
8,600.0	8,593.7	24,212.2	9,209.0	7.3	132.7	121.15		-178.4	-93.4	603.9	469.5	134.37	4.494	
8,700.0	8,693.5	24,212.2	9,209.0	7.3	132.7	121.15		-178.4	-93.4	505.8	371.2	134.61	3.758	
8,712.0	8,705.4	24,212.2	9,209.0	7.3	132.7	121.15		-178.4	-93.4	494.2	359.5	134.64	3.670	
8,750.0	8,743.2	24,212.2	9,209.0	7.5	132.7	133.07		-178.4	-93.4	457.3	322.6	134.71	3.395	
8,800.0	8,792.5	24,212.2	9,209.0	7.5	132.7	142.83		-178.4	-93.4	410.1	275.6	134.54	3.048	
8,850.0	8,840.7	24,212.2	9,209.0	7.6	132.7	148.72		-178.4	-93.4	365.1	231.2	133.89	2.727	
8,900.0	8,887.7	24,212.2	9,209.0	7.6	132.7	152.41		-178.4	-93.4	323.6	191.3	132.29	2.446	
8,950.0	8,933.0	24,212.2	9,209.0	7.7	132.7	154.75		-178.4	-93.4	287.6	158.7	128.87	2.231	
9,000.0	8,976.2	24,212.2	9,209.0	7.7	132.7	156.16		-178.4	-93.4	259.6	137.3	122.33	2.122 SF	
9,050.0	9,017.2	24,212.2	9,209.0	7.8	132.7	156.88		-178.4	-93.4	242.8	131.3	111.55	2.177 ES	
9,086.2	9,045.1	24,212.2	9,209.0	7.9	132.7	157.04		-178.4	-93.4	239.1	137.7	101.34	2.359 CC	
9,100.0	9,055.4	24,212.2	9,209.0	7.9	132.7	157.01		-178.4	-93.4	239.6	142.5	97.14	2.467	
9,150.0	9,090.8	24,212.2	9,209.0	8.0	132.7	156.57		-178.4	-93.4	250.6	168.2	82.34	3.043	
9,200.0	9,122.9	24,212.2	9,209.0	8.1	132.7	155.49		-178.4	-93.4	273.9	203.1	70.80	3.869	
9,250.0	9,151.5	24,212.2	9,209.0	8.2	132.7	153.61		-178.4	-93.4	306.7	242.9	63.80	4.807	
9,300.0	9,176.5	24,212.2	9,209.0	8.3	132.7	150.61		-178.4	-93.4	346.0	285.7	60.33	5.735	
9,350.0	9,197.5	24,212.2	9,209.0	8.4	132.7	145.87		-178.4	-93.4	389.6	330.8	58.80	6.626	
9,400.0	9,214.6	24,212.2	9,209.0	8.4	132.7	138.16		-178.4	-93.4	436.0	377.9	58.10	7.504	
9,450.0	9,227.5	24,212.2	9,209.0	8.5	132.7	125.11		-178.4	-93.4	484.0	426.4	57.62	8.401	
9,500.0	9,236.2	24,212.2	9,209.0	8.6	132.7	103.34		-178.4	-93.4	533.0	475.9	57.11	9.333	
9,550.0	9,240.5	24,212.2	9,209.0	8.6	132.7	74.48		-178.4	-93.4	582.3	525.8	56.48	10.310	
9,574.6	9,241.0	24,212.2	9,209.0	8.8	132.7	61.29		-178.4	-93.4	606.5	550.4	56.12	10.806	
9,600.0	9,241.0	24,212.2	9,209.0	8.9	132.7	61.29		-178.4	-93.4	631.5	575.8	55.77	11.324	
9,700.0	9,241.0	24,212.2	9,209.0	9.4	132.7	61.29		-178.4	-93.4	730.3	675.6	54.71	13.348	
9,800.0	9,241.0	24,212.2	9,209.0	10.0	132.7	61.29		-178.4	-93.4	829.4	775.3	54.02	15.352	
9,900.0	9,241.0	24,212.2	9,209.0	10.7	132.7	61.29		-178.4	-93.4	928.6	875.1	53.56	17.339	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=30' @ 3075.0usft (TBD)

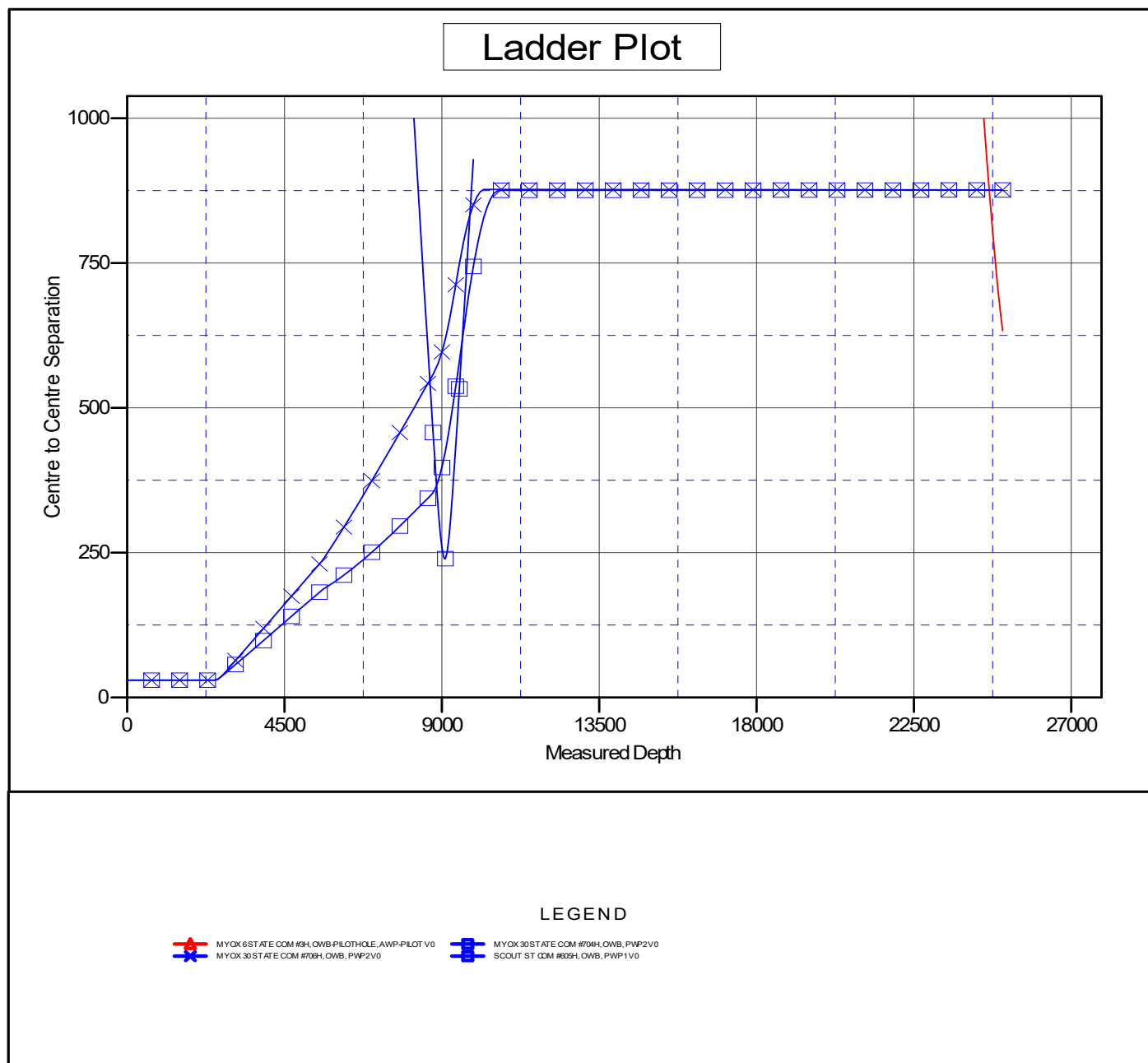
Offset Depths are relative to Offset Datum

Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MYOX 30 STATE COM #705H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.11°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Reference Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MYOX 30 STATE COM #705H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=30' @ 3075.0usft (TBD)

Offset Depths are relative to Offset Datum

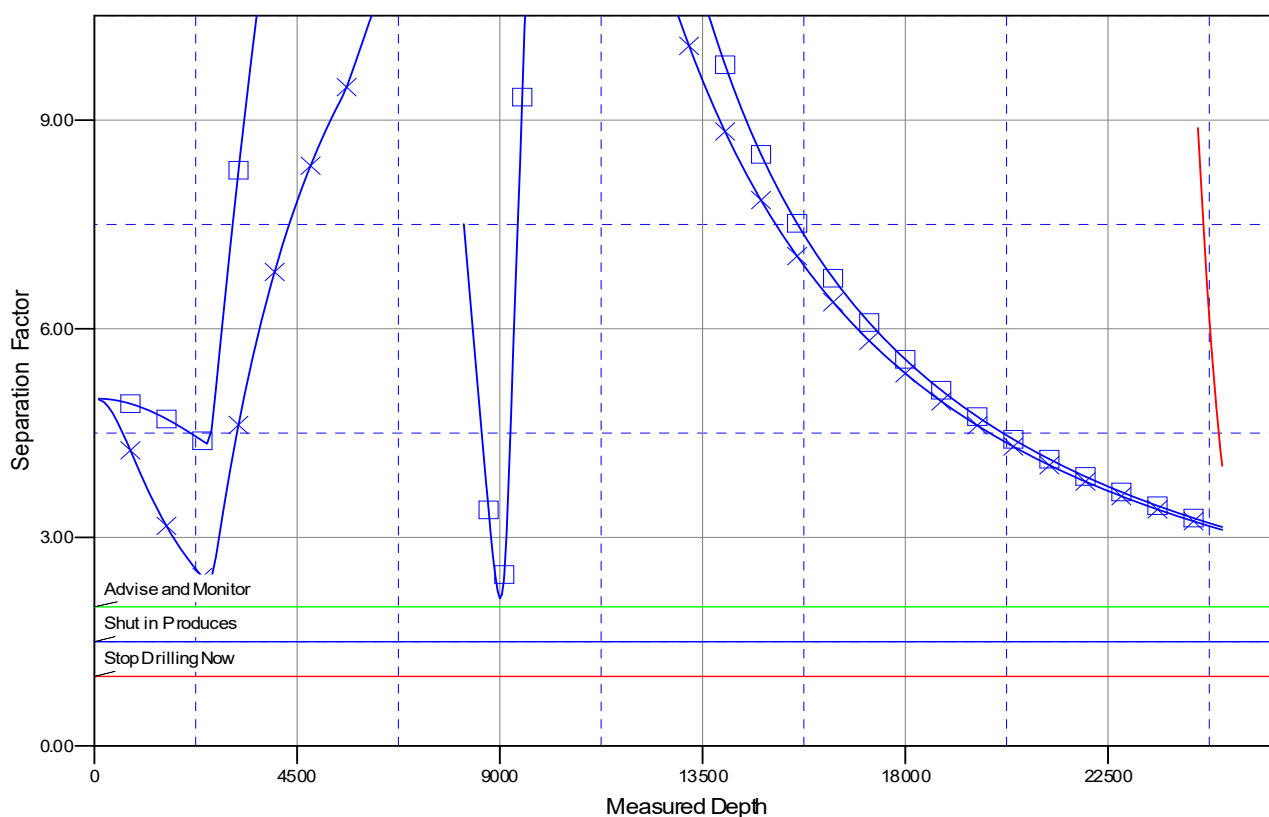
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MYOX 30 STATE COM #705H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.11°

Separation Factor Plot



LEGEND

MYOX 30 STATE COM #705H, OWB, PILOTHOLE, AWP, PILOT V0
 MYOX 30 STATE COM #706H, OWB, PWP2V0
 MYOX 30 STATE COM #704H, OWB, PWP2V0
 SCOUT ST COM #606H, OWB, PWP1V0

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

MYOX 30 & 31 STATE PROJECT (ATLAS 2528)

MYOX 30 STATE COM #705H

OWB

Plan: PWP2

Standard Survey Report

20 November, 2020

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	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		

Site	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)		
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 30 STATE COM #705H		
Well Position	+N/-S	0.0 usft	Northing: 408,742.41 usft
	+E/-W	0.0 usft	Easting: 562,754.08 usft
Position Uncertainty	3.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 7' 24.913 N
		Longitude:	104° 7' 50.251 W
		Ground Level:	3,045.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/27/2020	6.92	59.76	47,487.87843108

Design	PWP2				
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	179.72	

Survey Tool Program	Date	11/20/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	8,712.0	PWP2 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
8,712.0	25,038.6	PWP2 (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	

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	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)
1,000.0	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
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

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	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)
5,300.0	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	180.00	5,600.0	-1.7	0.0	1.7	2.00	2.00	0.00
5,686.9	3.74	180.00	5,686.8	-6.1	0.0	6.1	2.00	2.00	0.00
Start 3025.1 hold at 5686.9 MD									
5,700.0	3.74	180.00	5,699.8	-6.9	0.0	6.9	0.00	0.00	0.00
5,800.0	3.74	180.00	5,799.6	-13.5	0.0	13.5	0.00	0.00	0.00
5,900.0	3.74	180.00	5,899.4	-20.0	0.0	20.0	0.00	0.00	0.00
6,000.0	3.74	180.00	5,999.2	-26.5	0.0	26.5	0.00	0.00	0.00
6,100.0	3.74	180.00	6,099.0	-33.0	0.0	33.0	0.00	0.00	0.00
6,200.0	3.74	180.00	6,198.8	-39.5	0.0	39.5	0.00	0.00	0.00
6,300.0	3.74	180.00	6,298.6	-46.1	0.0	46.1	0.00	0.00	0.00
6,400.0	3.74	180.00	6,398.4	-52.6	0.0	52.6	0.00	0.00	0.00
6,500.0	3.74	180.00	6,498.1	-59.1	0.0	59.1	0.00	0.00	0.00
6,600.0	3.74	180.00	6,597.9	-65.6	0.0	65.6	0.00	0.00	0.00
6,700.0	3.74	180.00	6,697.7	-72.1	0.0	72.1	0.00	0.00	0.00
6,800.0	3.74	180.00	6,797.5	-78.7	0.0	78.7	0.00	0.00	0.00
6,900.0	3.74	180.00	6,897.3	-85.2	0.0	85.2	0.00	0.00	0.00
7,000.0	3.74	180.00	6,997.1	-91.7	0.0	91.7	0.00	0.00	0.00
7,100.0	3.74	180.00	7,096.9	-98.2	0.0	98.2	0.00	0.00	0.00
7,200.0	3.74	180.00	7,196.6	-104.7	0.0	104.7	0.00	0.00	0.00
7,300.0	3.74	180.00	7,296.4	-111.3	0.0	111.3	0.00	0.00	0.00
7,400.0	3.74	180.00	7,396.2	-117.8	0.0	117.8	0.00	0.00	0.00
7,500.0	3.74	180.00	7,496.0	-124.3	0.0	124.3	0.00	0.00	0.00
7,600.0	3.74	180.00	7,595.8	-130.8	0.0	130.8	0.00	0.00	0.00
7,700.0	3.74	180.00	7,695.6	-137.3	0.0	137.3	0.00	0.00	0.00
7,800.0	3.74	180.00	7,795.4	-143.8	0.0	143.8	0.00	0.00	0.00
7,900.0	3.74	180.00	7,895.2	-150.4	0.0	150.4	0.00	0.00	0.00
8,000.0	3.74	180.00	7,994.9	-156.9	0.0	156.9	0.00	0.00	0.00
8,100.0	3.74	180.00	8,094.7	-163.4	0.0	163.4	0.00	0.00	0.00
8,200.0	3.74	180.00	8,194.5	-169.9	0.0	169.9	0.00	0.00	0.00
8,300.0	3.74	180.00	8,294.3	-176.4	0.0	176.4	0.00	0.00	0.00
8,400.0	3.74	180.00	8,394.1	-183.0	0.0	183.0	0.00	0.00	0.00
8,500.0	3.74	180.00	8,493.9	-189.5	0.0	189.5	0.00	0.00	0.00
8,600.0	3.74	180.00	8,593.7	-196.0	0.0	196.0	0.00	0.00	0.00
8,700.0	3.74	180.00	8,693.5	-202.5	0.0	202.5	0.00	0.00	0.00
8,712.0	3.74	180.00	8,705.4	-203.3	0.0	203.3	0.00	0.00	0.00
Start DLS 10.00 TFO -0.28									
8,800.0	12.54	179.80	8,792.5	-215.8	0.0	215.7	10.00	10.00	-0.22
8,900.0	22.54	179.76	8,887.7	-245.9	0.1	245.8	10.00	10.00	-0.04
9,000.0	32.54	179.75	8,976.2	-292.0	0.3	292.0	10.00	10.00	-0.02
9,100.0	42.54	179.74	9,055.4	-352.9	0.6	352.9	10.00	10.00	-0.01

Concho Resources LLC

Survey Report

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Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	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)	
9,200.0	52.54	179.73	9,122.9	-426.6	1.0	426.6	10.00	10.00	-0.01	
9,300.0	62.54	179.73	9,176.5	-510.8	1.4	510.8	10.00	10.00	0.00	
9,400.0	72.54	179.73	9,214.6	-603.1	1.8	603.1	10.00	10.00	0.00	
9,500.0	82.54	179.72	9,236.2	-700.7	2.3	700.7	10.00	10.00	0.00	
9,574.6	90.00	179.72	9,241.0	-775.0	2.6	775.0	10.00	10.00	0.00	
Start 15464.0 hold at 9574.6 MD										
9,600.0	90.00	179.72	9,241.0	-800.4	2.7	800.4	0.00	0.00	0.00	
9,700.0	90.00	179.72	9,241.0	-900.4	3.2	900.4	0.00	0.00	0.00	
9,800.0	90.00	179.72	9,241.0	-1,000.4	3.7	1,000.4	0.00	0.00	0.00	
9,900.0	90.00	179.72	9,241.0	-1,100.4	4.2	1,100.4	0.00	0.00	0.00	
10,000.0	90.00	179.72	9,241.0	-1,200.4	4.7	1,200.4	0.00	0.00	0.00	
10,100.0	90.00	179.72	9,241.0	-1,300.4	5.2	1,300.4	0.00	0.00	0.00	
10,200.0	90.00	179.72	9,241.0	-1,400.4	5.7	1,400.4	0.00	0.00	0.00	
10,300.0	90.00	179.72	9,241.0	-1,500.4	6.2	1,500.4	0.00	0.00	0.00	
10,400.0	90.00	179.72	9,241.0	-1,600.4	6.7	1,600.4	0.00	0.00	0.00	
10,500.0	90.00	179.72	9,241.0	-1,700.4	7.1	1,700.4	0.00	0.00	0.00	
10,600.0	90.00	179.72	9,241.0	-1,800.4	7.6	1,800.4	0.00	0.00	0.00	
10,700.0	90.00	179.72	9,241.0	-1,900.4	8.1	1,900.4	0.00	0.00	0.00	
10,800.0	90.00	179.72	9,241.0	-2,000.4	8.6	2,000.4	0.00	0.00	0.00	
10,900.0	90.00	179.72	9,241.0	-2,100.4	9.1	2,100.4	0.00	0.00	0.00	
11,000.0	90.00	179.72	9,241.0	-2,200.4	9.6	2,200.4	0.00	0.00	0.00	
11,100.0	90.00	179.72	9,241.0	-2,300.4	10.1	2,300.4	0.00	0.00	0.00	
11,200.0	90.00	179.72	9,241.0	-2,400.4	10.6	2,400.4	0.00	0.00	0.00	
11,300.0	90.00	179.72	9,241.0	-2,500.4	11.1	2,500.4	0.00	0.00	0.00	
11,400.0	90.00	179.72	9,241.0	-2,600.4	11.5	2,600.4	0.00	0.00	0.00	
11,500.0	90.00	179.72	9,241.0	-2,700.4	12.0	2,700.4	0.00	0.00	0.00	
11,600.0	90.00	179.72	9,241.0	-2,800.4	12.5	2,800.4	0.00	0.00	0.00	
11,700.0	90.00	179.72	9,241.0	-2,900.4	13.0	2,900.4	0.00	0.00	0.00	
11,800.0	90.00	179.72	9,241.0	-3,000.4	13.5	3,000.4	0.00	0.00	0.00	
11,900.0	90.00	179.72	9,241.0	-3,100.4	14.0	3,100.4	0.00	0.00	0.00	
12,000.0	90.00	179.72	9,241.0	-3,200.4	14.5	3,200.4	0.00	0.00	0.00	
12,100.0	90.00	179.72	9,241.0	-3,300.4	15.0	3,300.4	0.00	0.00	0.00	
12,200.0	90.00	179.72	9,241.0	-3,400.4	15.5	3,400.4	0.00	0.00	0.00	
12,300.0	90.00	179.72	9,241.0	-3,500.4	15.9	3,500.4	0.00	0.00	0.00	
12,400.0	90.00	179.72	9,241.0	-3,600.4	16.4	3,600.4	0.00	0.00	0.00	
12,500.0	90.00	179.72	9,241.0	-3,700.4	16.9	3,700.4	0.00	0.00	0.00	
12,600.0	90.00	179.72	9,241.0	-3,800.4	17.4	3,800.4	0.00	0.00	0.00	
12,700.0	90.00	179.72	9,241.0	-3,900.4	17.9	3,900.4	0.00	0.00	0.00	
12,800.0	90.00	179.72	9,241.0	-4,000.4	18.4	4,000.4	0.00	0.00	0.00	
12,900.0	90.00	179.72	9,241.0	-4,100.4	18.9	4,100.4	0.00	0.00	0.00	
13,000.0	90.00	179.72	9,241.0	-4,200.4	19.4	4,200.4	0.00	0.00	0.00	
13,100.0	90.00	179.72	9,241.0	-4,300.4	19.8	4,300.4	0.00	0.00	0.00	
13,200.0	90.00	179.72	9,241.0	-4,400.4	20.3	4,400.4	0.00	0.00	0.00	

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	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	90.00	179.72	9,241.0	-4,500.4	20.8	4,500.4	0.00	0.00	0.00	
13,400.0	90.00	179.72	9,241.0	-4,600.4	21.3	4,600.4	0.00	0.00	0.00	
13,500.0	90.00	179.72	9,241.0	-4,700.4	21.8	4,700.4	0.00	0.00	0.00	
13,600.0	90.00	179.72	9,241.0	-4,800.4	22.3	4,800.4	0.00	0.00	0.00	
13,700.0	90.00	179.72	9,241.0	-4,900.4	22.8	4,900.4	0.00	0.00	0.00	
13,800.0	90.00	179.72	9,241.0	-5,000.4	23.3	5,000.4	0.00	0.00	0.00	
13,900.0	90.00	179.72	9,241.0	-5,100.4	23.8	5,100.4	0.00	0.00	0.00	
14,000.0	90.00	179.72	9,241.0	-5,200.4	24.2	5,200.4	0.00	0.00	0.00	
14,100.0	90.00	179.72	9,241.0	-5,300.4	24.7	5,300.4	0.00	0.00	0.00	
14,200.0	90.00	179.72	9,241.0	-5,400.4	25.2	5,400.4	0.00	0.00	0.00	
14,300.0	90.00	179.72	9,241.0	-5,500.4	25.7	5,500.4	0.00	0.00	0.00	
14,400.0	90.00	179.72	9,241.0	-5,600.4	26.2	5,600.4	0.00	0.00	0.00	
14,500.0	90.00	179.72	9,241.0	-5,700.4	26.7	5,700.4	0.00	0.00	0.00	
14,600.0	90.00	179.72	9,241.0	-5,800.4	27.2	5,800.4	0.00	0.00	0.00	
14,700.0	90.00	179.72	9,241.0	-5,900.4	27.7	5,900.4	0.00	0.00	0.00	
14,800.0	90.00	179.72	9,241.0	-6,000.4	28.2	6,000.4	0.00	0.00	0.00	
14,900.0	90.00	179.72	9,241.0	-6,100.4	28.6	6,100.4	0.00	0.00	0.00	
15,000.0	90.00	179.72	9,241.0	-6,200.4	29.1	6,200.4	0.00	0.00	0.00	
15,100.0	90.00	179.72	9,241.0	-6,300.4	29.6	6,300.4	0.00	0.00	0.00	
15,200.0	90.00	179.72	9,241.0	-6,400.4	30.1	6,400.4	0.00	0.00	0.00	
15,300.0	90.00	179.72	9,241.0	-6,500.4	30.6	6,500.4	0.00	0.00	0.00	
15,400.0	90.00	179.72	9,241.0	-6,600.4	31.1	6,600.4	0.00	0.00	0.00	
15,500.0	90.00	179.72	9,241.0	-6,700.4	31.6	6,700.4	0.00	0.00	0.00	
15,600.0	90.00	179.72	9,241.0	-6,800.4	32.1	6,800.4	0.00	0.00	0.00	
15,700.0	90.00	179.72	9,241.0	-6,900.4	32.6	6,900.4	0.00	0.00	0.00	
15,800.0	90.00	179.72	9,241.0	-7,000.4	33.0	7,000.4	0.00	0.00	0.00	
15,900.0	90.00	179.72	9,241.0	-7,100.4	33.5	7,100.4	0.00	0.00	0.00	
16,000.0	90.00	179.72	9,241.0	-7,200.4	34.0	7,200.4	0.00	0.00	0.00	
16,100.0	90.00	179.72	9,241.0	-7,300.4	34.5	7,300.4	0.00	0.00	0.00	
16,200.0	90.00	179.72	9,241.0	-7,400.4	35.0	7,400.4	0.00	0.00	0.00	
16,300.0	90.00	179.72	9,241.0	-7,500.4	35.5	7,500.4	0.00	0.00	0.00	
16,400.0	90.00	179.72	9,241.0	-7,600.4	36.0	7,600.4	0.00	0.00	0.00	
16,500.0	90.00	179.72	9,241.0	-7,700.4	36.5	7,700.4	0.00	0.00	0.00	
16,600.0	90.00	179.72	9,241.0	-7,800.4	36.9	7,800.4	0.00	0.00	0.00	
16,700.0	90.00	179.72	9,241.0	-7,900.4	37.4	7,900.4	0.00	0.00	0.00	
16,800.0	90.00	179.72	9,241.0	-8,000.4	37.9	8,000.4	0.00	0.00	0.00	
16,900.0	90.00	179.72	9,241.0	-8,100.4	38.4	8,100.4	0.00	0.00	0.00	
17,000.0	90.00	179.72	9,241.0	-8,200.4	38.9	8,200.4	0.00	0.00	0.00	
17,100.0	90.00	179.72	9,241.0	-8,300.4	39.4	8,300.4	0.00	0.00	0.00	
17,200.0	90.00	179.72	9,241.0	-8,400.4	39.9	8,400.4	0.00	0.00	0.00	
17,300.0	90.00	179.72	9,241.0	-8,500.4	40.4	8,500.4	0.00	0.00	0.00	
17,400.0	90.00	179.72	9,241.0	-8,600.3	40.9	8,600.4	0.00	0.00	0.00	
17,500.0	90.00	179.72	9,241.0	-8,700.3	41.3	8,700.4	0.00	0.00	0.00	
17,600.0	90.00	179.72	9,241.0	-8,800.3	41.8	8,800.4	0.00	0.00	0.00	

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	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)
17,700.0	90.00	179.72	9,241.0	-8,900.3	42.3	8,900.4	0.00	0.00	0.00
17,800.0	90.00	179.72	9,241.0	-9,000.3	42.8	9,000.4	0.00	0.00	0.00
17,900.0	90.00	179.72	9,241.0	-9,100.3	43.3	9,100.4	0.00	0.00	0.00
18,000.0	90.00	179.72	9,241.0	-9,200.3	43.8	9,200.4	0.00	0.00	0.00
18,100.0	90.00	179.72	9,241.0	-9,300.3	44.3	9,300.4	0.00	0.00	0.00
18,200.0	90.00	179.72	9,241.0	-9,400.3	44.8	9,400.4	0.00	0.00	0.00
18,300.0	90.00	179.72	9,241.0	-9,500.3	45.3	9,500.4	0.00	0.00	0.00
18,400.0	90.00	179.72	9,241.0	-9,600.3	45.7	9,600.4	0.00	0.00	0.00
18,500.0	90.00	179.72	9,241.0	-9,700.3	46.2	9,700.4	0.00	0.00	0.00
18,600.0	90.00	179.72	9,241.0	-9,800.3	46.7	9,800.4	0.00	0.00	0.00
18,700.0	90.00	179.72	9,241.0	-9,900.3	47.2	9,900.4	0.00	0.00	0.00
18,800.0	90.00	179.72	9,241.0	-10,000.3	47.7	10,000.4	0.00	0.00	0.00
18,900.0	90.00	179.72	9,241.0	-10,100.3	48.2	10,100.4	0.00	0.00	0.00
19,000.0	90.00	179.72	9,241.0	-10,200.3	48.7	10,200.4	0.00	0.00	0.00
19,100.0	90.00	179.72	9,241.0	-10,300.3	49.2	10,300.4	0.00	0.00	0.00
19,200.0	90.00	179.72	9,241.0	-10,400.3	49.7	10,400.4	0.00	0.00	0.00
19,300.0	90.00	179.72	9,241.0	-10,500.3	50.1	10,500.4	0.00	0.00	0.00
19,400.0	90.00	179.72	9,241.0	-10,600.3	50.6	10,600.4	0.00	0.00	0.00
19,500.0	90.00	179.72	9,241.0	-10,700.3	51.1	10,700.4	0.00	0.00	0.00
19,600.0	90.00	179.72	9,241.0	-10,800.3	51.6	10,800.4	0.00	0.00	0.00
19,700.0	90.00	179.72	9,241.0	-10,900.3	52.1	10,900.4	0.00	0.00	0.00
19,800.0	90.00	179.72	9,241.0	-11,000.3	52.6	11,000.4	0.00	0.00	0.00
19,900.0	90.00	179.72	9,241.0	-11,100.3	53.1	11,100.4	0.00	0.00	0.00
20,000.0	90.00	179.72	9,241.0	-11,200.3	53.6	11,200.4	0.00	0.00	0.00
20,100.0	90.00	179.72	9,241.0	-11,300.3	54.0	11,300.4	0.00	0.00	0.00
20,200.0	90.00	179.72	9,241.0	-11,400.3	54.5	11,400.4	0.00	0.00	0.00
20,300.0	90.00	179.72	9,241.0	-11,500.3	55.0	11,500.4	0.00	0.00	0.00
20,400.0	90.00	179.72	9,241.0	-11,600.3	55.5	11,600.4	0.00	0.00	0.00
20,500.0	90.00	179.72	9,241.0	-11,700.3	56.0	11,700.4	0.00	0.00	0.00
20,600.0	90.00	179.72	9,241.0	-11,800.3	56.5	11,800.4	0.00	0.00	0.00
20,700.0	90.00	179.72	9,241.0	-11,900.3	57.0	11,900.4	0.00	0.00	0.00
20,800.0	90.00	179.72	9,241.0	-12,000.3	57.5	12,000.4	0.00	0.00	0.00
20,900.0	90.00	179.72	9,241.0	-12,100.3	58.0	12,100.4	0.00	0.00	0.00
21,000.0	90.00	179.72	9,241.0	-12,200.3	58.4	12,200.4	0.00	0.00	0.00
21,100.0	90.00	179.72	9,241.0	-12,300.3	58.9	12,300.4	0.00	0.00	0.00
21,200.0	90.00	179.72	9,241.0	-12,400.3	59.4	12,400.4	0.00	0.00	0.00
21,300.0	90.00	179.72	9,241.0	-12,500.3	59.9	12,500.4	0.00	0.00	0.00
21,400.0	90.00	179.72	9,241.0	-12,600.3	60.4	12,600.4	0.00	0.00	0.00
21,500.0	90.00	179.72	9,241.0	-12,700.3	60.9	12,700.4	0.00	0.00	0.00
21,600.0	90.00	179.72	9,241.0	-12,800.3	61.4	12,800.4	0.00	0.00	0.00
21,700.0	90.00	179.72	9,241.0	-12,900.3	61.9	12,900.4	0.00	0.00	0.00
21,800.0	90.00	179.72	9,241.0	-13,000.3	62.4	13,000.4	0.00	0.00	0.00
21,900.0	90.00	179.72	9,241.0	-13,100.3	62.8	13,100.4	0.00	0.00	0.00

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	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)
22,000.0	90.00	179.72	9,241.0	-13,200.3	63.3	13,200.4	0.00	0.00	0.00
22,100.0	90.00	179.72	9,241.0	-13,300.3	63.8	13,300.4	0.00	0.00	0.00
22,200.0	90.00	179.72	9,241.0	-13,400.3	64.3	13,400.4	0.00	0.00	0.00
22,300.0	90.00	179.72	9,241.0	-13,500.3	64.8	13,500.4	0.00	0.00	0.00
22,400.0	90.00	179.72	9,241.0	-13,600.3	65.3	13,600.4	0.00	0.00	0.00
22,500.0	90.00	179.72	9,241.0	-13,700.3	65.8	13,700.4	0.00	0.00	0.00
22,600.0	90.00	179.72	9,241.0	-13,800.3	66.3	13,800.4	0.00	0.00	0.00
22,700.0	90.00	179.72	9,241.0	-13,900.3	66.8	13,900.4	0.00	0.00	0.00
22,800.0	90.00	179.72	9,241.0	-14,000.3	67.2	14,000.4	0.00	0.00	0.00
22,900.0	90.00	179.72	9,241.0	-14,100.3	67.7	14,100.4	0.00	0.00	0.00
23,000.0	90.00	179.72	9,241.0	-14,200.3	68.2	14,200.4	0.00	0.00	0.00
23,100.0	90.00	179.72	9,241.0	-14,300.3	68.7	14,300.4	0.00	0.00	0.00
23,200.0	90.00	179.72	9,241.0	-14,400.3	69.2	14,400.4	0.00	0.00	0.00
23,300.0	90.00	179.72	9,241.0	-14,500.3	69.7	14,500.4	0.00	0.00	0.00
23,400.0	90.00	179.72	9,241.0	-14,600.3	70.2	14,600.4	0.00	0.00	0.00
23,500.0	90.00	179.72	9,241.0	-14,700.3	70.7	14,700.4	0.00	0.00	0.00
23,600.0	90.00	179.72	9,241.0	-14,800.3	71.2	14,800.4	0.00	0.00	0.00
23,700.0	90.00	179.72	9,241.0	-14,900.3	71.6	14,900.4	0.00	0.00	0.00
23,800.0	90.00	179.72	9,241.0	-15,000.3	72.1	15,000.4	0.00	0.00	0.00
23,900.0	90.00	179.72	9,241.0	-15,100.3	72.6	15,100.4	0.00	0.00	0.00
24,000.0	90.00	179.72	9,241.0	-15,200.3	73.1	15,200.4	0.00	0.00	0.00
24,100.0	90.00	179.72	9,241.0	-15,300.3	73.6	15,300.4	0.00	0.00	0.00
24,200.0	90.00	179.72	9,241.0	-15,400.3	74.1	15,400.4	0.00	0.00	0.00
24,300.0	90.00	179.72	9,241.0	-15,500.3	74.6	15,500.4	0.00	0.00	0.00
24,400.0	90.00	179.72	9,241.0	-15,600.3	75.1	15,600.4	0.00	0.00	0.00
24,500.0	90.00	179.72	9,241.0	-15,700.3	75.5	15,700.4	0.00	0.00	0.00
24,600.0	90.00	179.72	9,241.0	-15,800.3	76.0	15,800.4	0.00	0.00	0.00
24,700.0	90.00	179.72	9,241.0	-15,900.3	76.5	15,900.4	0.00	0.00	0.00
24,800.0	90.00	179.72	9,241.0	-16,000.3	77.0	16,000.4	0.00	0.00	0.00
24,900.0	90.00	179.72	9,241.0	-16,100.3	77.5	16,100.4	0.00	0.00	0.00
25,000.0	90.00	179.72	9,241.0	-16,200.3	78.0	16,200.4	0.00	0.00	0.00
25,038.6	90.00	179.72	9,241.0	-16,238.8	78.2	16,239.0	0.00	0.00	0.00
TD at 25038.6									

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well MYOX 30 STATE COM #705H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3075.0usft (TBD)
Site:	MYOX 30 & 31 STATE PROJECT (ATLAS 2528)	MD Reference:	KB=30' @ 3075.0usft (TBD)
Well:	MYOX 30 STATE COM #705H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	edm

Design Targets

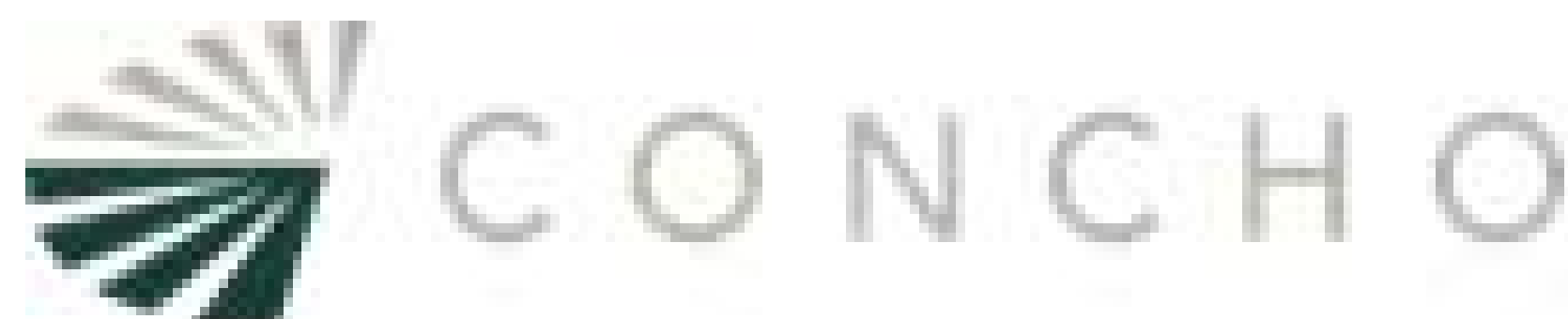
Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP (MYOX 30 STATE - plan misses target center by 0.1usft at 24988.6usft MD (9241.0 TVD, -16188.8 N, 77.9 E) - Point	0.00	0.00	9,241.0	-16,188.8	78.0	392,553.57	562,832.11	32° 4' 44.699 N	104° 7' 49.697 W
FTP (MYOX 30 STATI - plan misses target center by 117.4usft at 9232.6usft MD (9141.9 TVD, -453.0 N, 1.1 E) - Circle (radius 50.0)	0.00	0.00	9,241.0	-390.0	1.7	408,352.43	562,755.74	32° 7' 21.054 N	104° 7' 50.240 W
PBHL(MYOX 30 STA1 - plan hits target center - Rectangle (sides W100.0 H15,852.0 D20.0)	0.00	359.72	9,241.0	-16,238.8	78.2	392,503.57	562,832.26	32° 4' 44.204 N	104° 7' 49.697 W

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
5500	5500	0	0	Start Build 2.00	
5687	5687	-6	0	Start 3025.1 hold at 5686.9 MD	
8712	8705	-203	0	Start DLS 10.00 TFO -0.28	
9575	9241	-775	3	Start 15464.0 hold at 9574.6 MD	
25,039	9241	-16,239	78	TD at 25038.6	

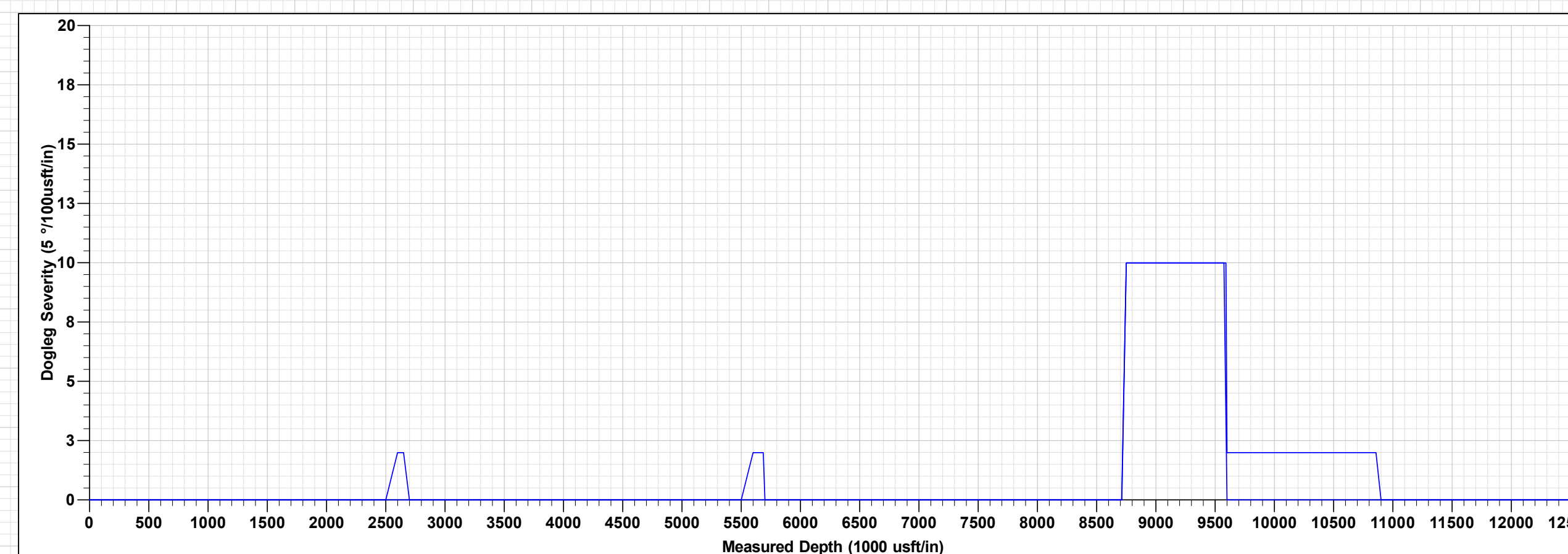
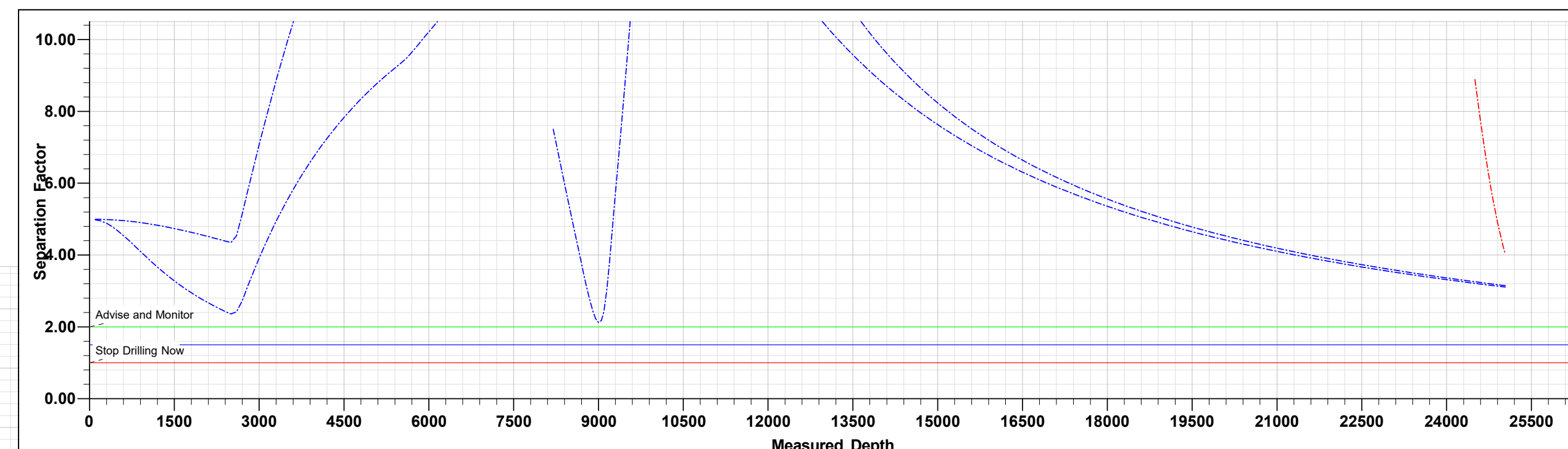
Checked By: _____ Approved By: _____ Date: _____



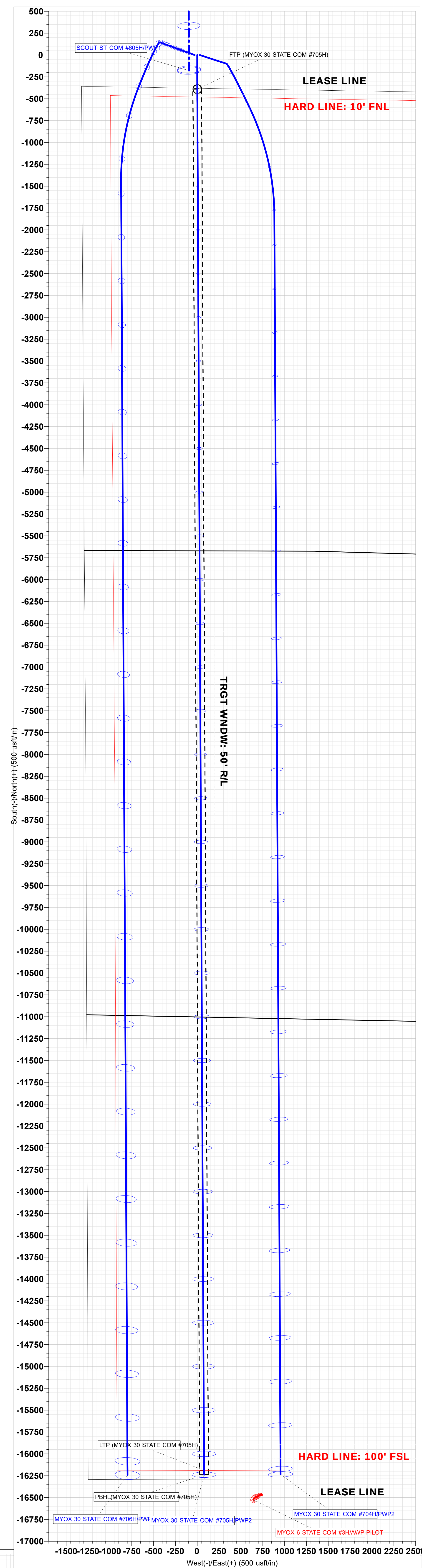
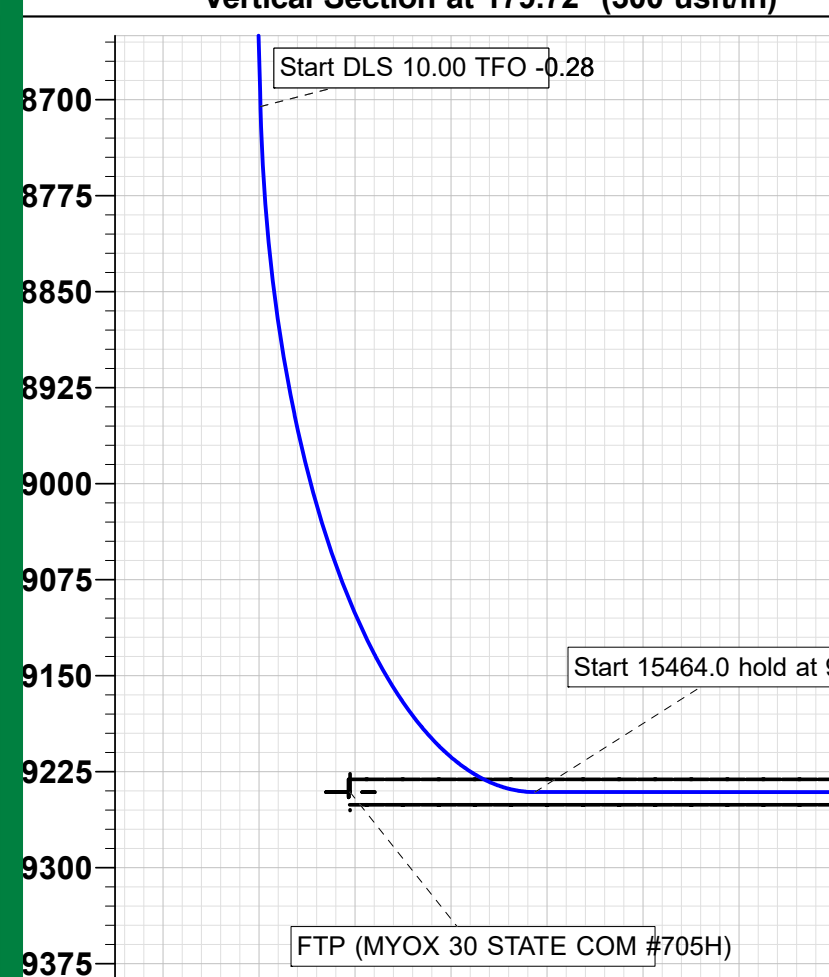
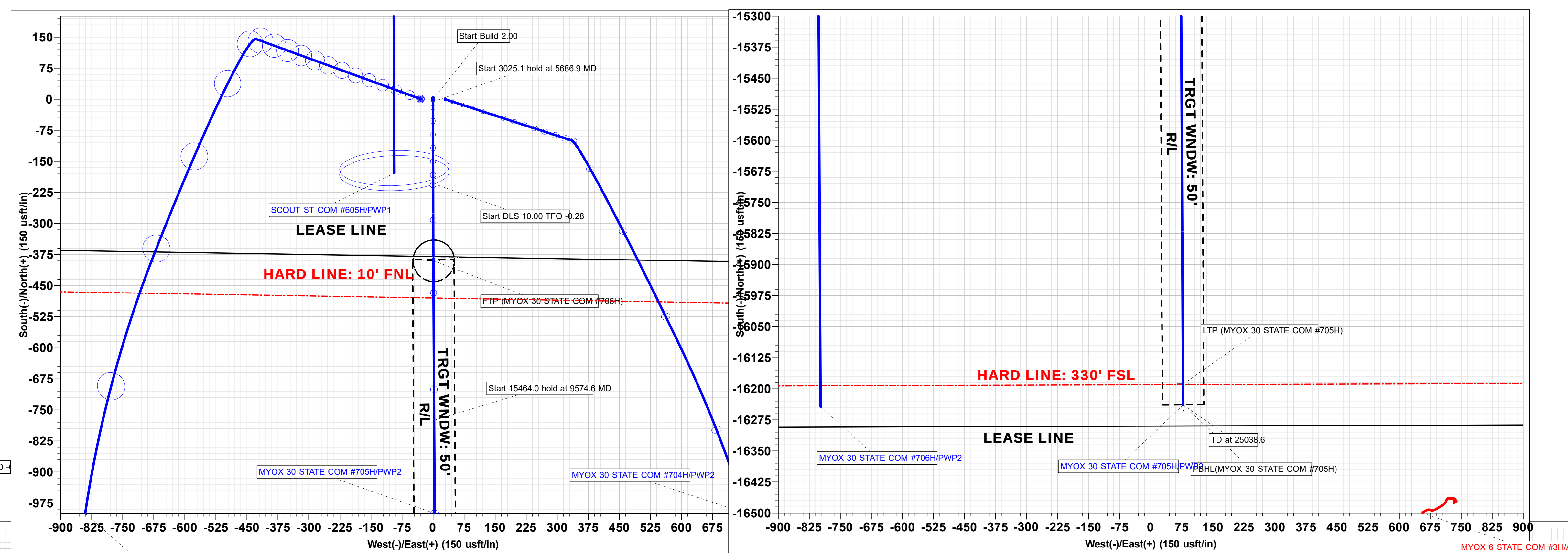
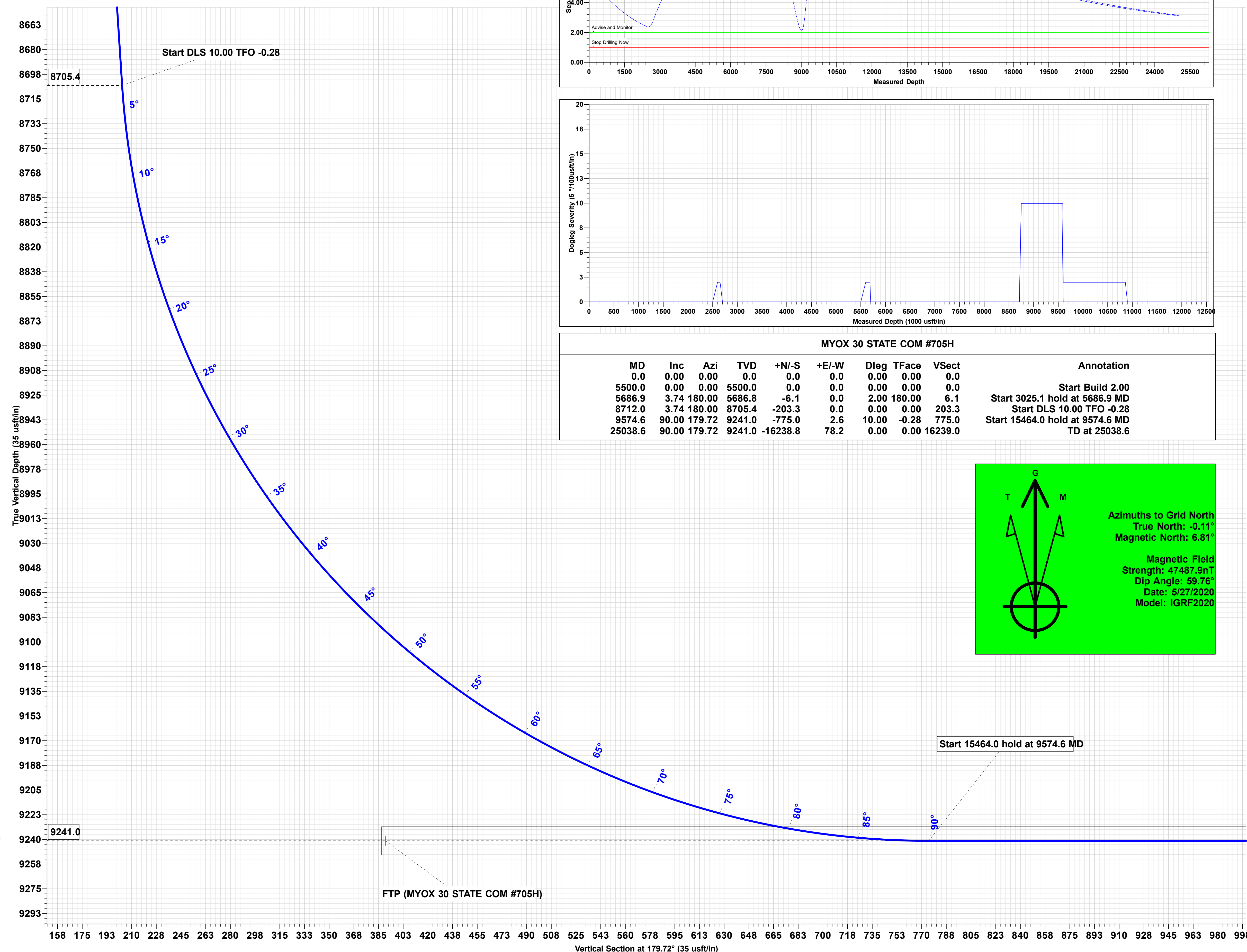
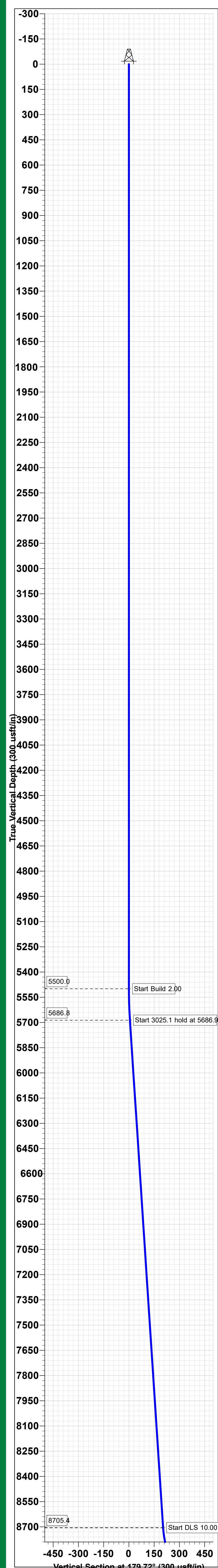
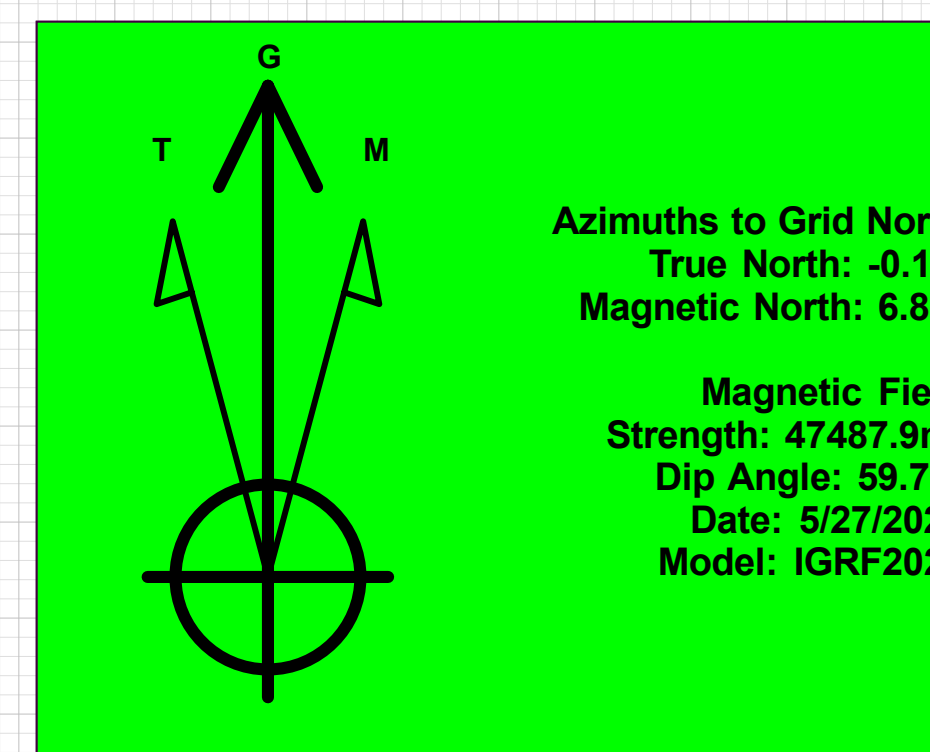
Project: ATLAS PROSPECT (NM-E)
Site: MYOX 30 & 31 STATE PROJECT (ATLAS 2528)
Well: MYOX 30 STATE COM #705H
Wellbore: OWB
Design: PWP2
GL: 3045.0
KB=30' @ 3075.0usft (TBD)

WELL DETAILS: MYOX 30 STATE COM #705H					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	408742.41	562754.08	32° 7' 24.913 N	104° 7' 50.251 W

DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude
FTP (MYOX 30 STATE COM #705H)	9241.0	-390.0	1.7	408352.43	562755.74	32° 7' 21.054 N
LTP (MYOX 30 STATE COM #705H)	9241.0	-16188.8	78.0	392553.57	562832.11	32° 4' 44.699 N
PBHL(MYOX 30 STATE COM #705H)	9241.0	-16238.8	78.2	392503.57	562832.26	32° 4' 44.204 N



MYOX 30 STATE COM #705H									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
5500.0	0.00	0.00	5500.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
5686.9	3.74	180.00	5686.8	-6.1	0.0	2.00	180.00	6.1	Start 3025.1 hold at 5686.9 MD
8712.0	3.74	180.00	8705.4	-203.3	0.0	0.00	0.00	203.3	Start DLS 10.00 TFO -0.28
9574.6	90.00	179.72	9241.0	-775.0	2.6	10.00	-0.28	775.0	Start 15464.0 hold at 9574.6 MD
25038.6	90.00	179.72	9241.0	-16238.8	78.2	0.00	0.00	16239.0	TD at 25038.6



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

COMMENTS

Action 15602

COMMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX79701			OGRID: 229137	Action Number: 15602	Action Type: C-103A
Created By	Comment			Comment Date	
kpickford	KP GEO Review 1/26/2021			01/26/2021	

District I
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 15602

CONDITIONS OF APPROVAL

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX79701			OGRID: 229137	Action Number: 15602	Action Type: C-103A
OCD Reviewer	Condition				
kpickford	• NSL Will require an administrative order for non-standard location prior to placing the well on production.				