

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

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 07/23/2022	
⁴ API Number 30 - 025-47259	⁵ Pool Name WC025 G08 S243217P; UPPER WOLFCAMP		⁶ Pool Code 98248
⁷ Property Code 328120	⁸ Property Name PEGASUS 3 FEDERAL COM		⁹ Well Number 705H

II. ¹⁰ Surface Location

UI or lot no. N	Section 03	Township 24S	Range 32E	Lot Idn	Feet from the 491'	North/South Line SOUTH	Feet from the 2474'	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. B	Section 34	Township 23S	Range 32E	Lot Idn	Feet from the 110'	North/South line NORTH	Feet from the 1834'	East/West line EAST	County LEA
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 02/16/2022	²² Ready Date 07/23/2022	²³ TD 22,631'	²⁴ PBTD 22,610'	²⁵ Perforations 12,588 - 22,610'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12 1/4"		9 5/8"		1281'	450 SXS CL C/CIRC
8 3/4"		7 5/8"		11,766'	1554 SXS CL C & H 81' ECHO
6 3/4"		5 1/2"		22,618'	965 SXS CL H TOC 12,046' CBL PRESSURE TEST ATTACHED

V. Well Test Data

³¹ Date New Oil 07/23/2022	³² Gas Delivery Date 07/23/2022	³³ Test Date 07/31/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2535
³⁷ Choke Size 44	³⁸ Oil 3732	³⁹ Water 6016	⁴⁰ Gas 10,073		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox		OIL CONSERVATION DIVISION	
Printed name: Kay Maddox		Approved by:	
Title: SENIOR REGULATORY SPECIALIST		Title:	
E-mail Address: kay_maddox@eogresources.com		Approval Date:	
Date: 08/03/2022	Phone: 432-638-8475		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

AS-COMPLETED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 47259	² Pool Code 98248	³ Pool Name WC025 G08 S243217P; UPPER WOLFCAMP
⁴ Property Code 328120	⁵ Property Name PEGASUS 3 FED COM	⁶ Well Number 705H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3644'

¹⁰Surface Location

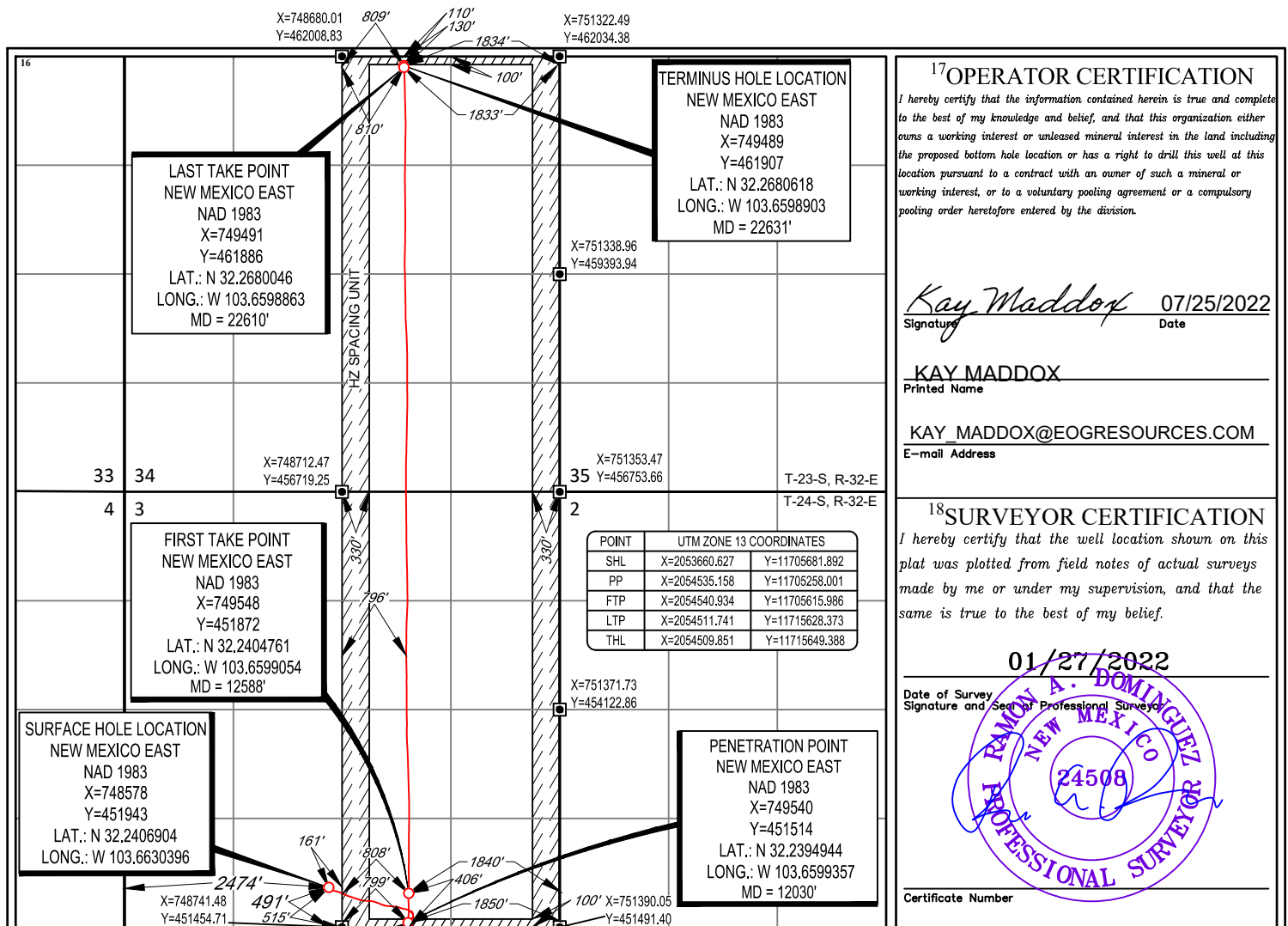
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	24-S	32-E	-	491'	SOUTH	2474'	WEST	LEA

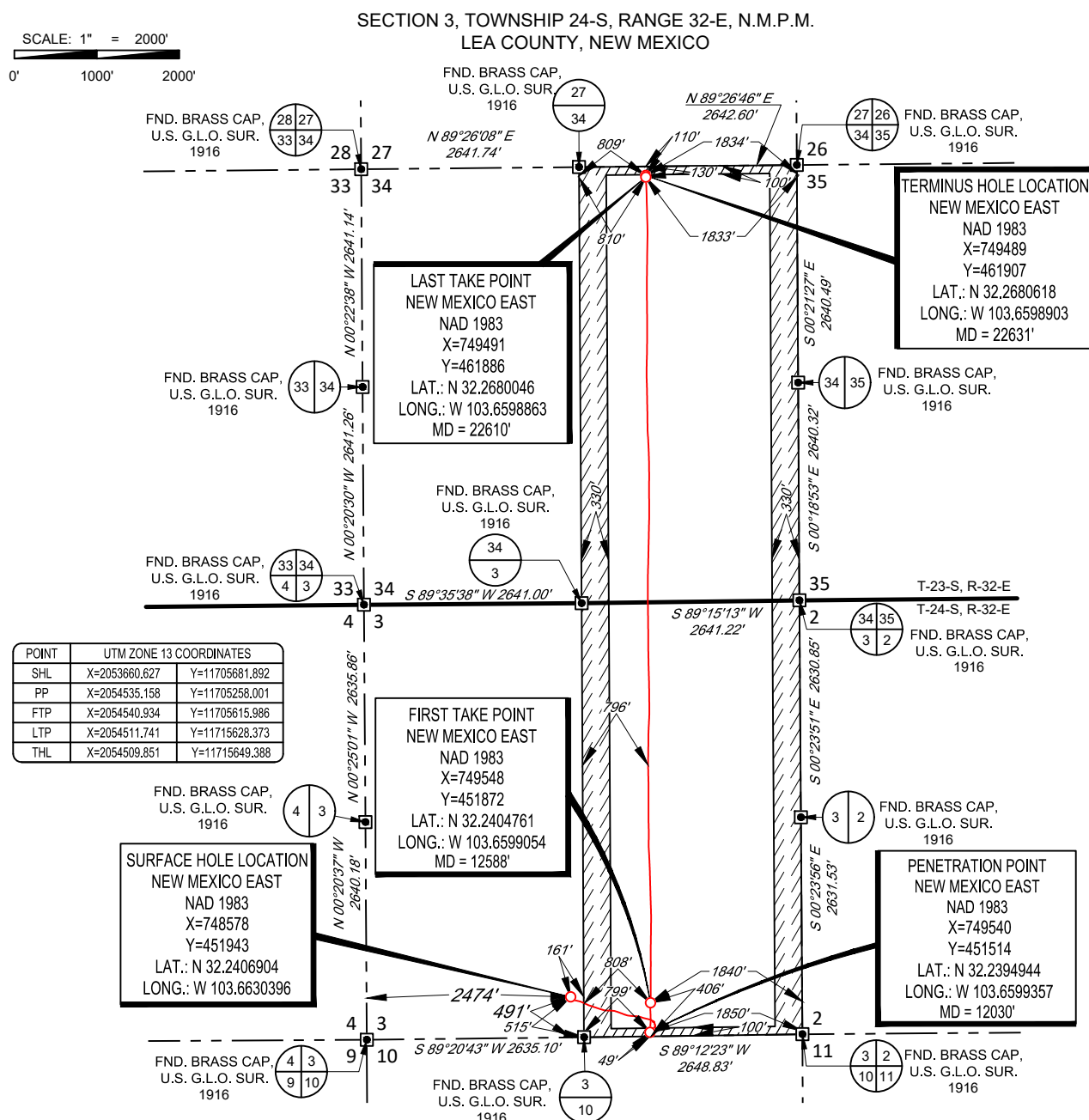
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	23-S	32-E	-	110'	NORTH	1834'	EAST	LEA

¹² Dedicated Acres 639.39	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.





LEASE NAME & WELL NO.: PEGASUS 3 FED COM 705H
SECTION 3 TWP. 24-S RGE 32-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3644'
DESCRIPTION 491' FSL & 2474' FWL



Ramon A. Dominguez, P.S. No. 24508
July 8, 2022



PEGASUS 3 FED COM 705H AS-DRILLED	REVISION:		NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY. 4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.
DATE: 07/08/22			
FILE: AD_PEGASUS_3_FED_COM_705H			
DRAWN BY: EAH			
SHEET : 2 OF 2			



Midland

Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com

#705H

OH

Design: OH

Final PVA

12 May, 2022





Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Pegasus 3 Fed Com		
Site Position:		Northing:	451,857.00 usft
From:	Map	Easting:	747,693.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 14' 25.685 N
		Longitude:	103° 39' 57.253 W
		Grid Convergence:	0.36 °

Well		#705H				
Well Position	+N/-S	0.0 usft	Northing:	451,943.00 usft	Latitude:	32° 14' 26.482 N
	+E/-W	0.0 usft	Easting:	748,578.00 usft	Longitude:	103° 39' 46.942 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,643.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/31/2020	6.73	59.94	47,619.12987310

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	5.25

Survey Program	Date	5/12/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
15.0	22,631.0	MS MWD Superior QC (OH)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction



Final PVA



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Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
15.0	0.02	138.47	15.0	0.0	0.0	0.13	0.13	0.00	0.0	0.0	
29.0	0.04	138.42	29.0	0.0	0.0	0.14	0.14	-0.36	0.0	0.0	
44.0	0.06	138.37	44.0	0.0	0.0	0.13	0.13	-0.33	0.0	0.0	
58.0	0.08	138.32	58.0	0.0	0.0	0.14	0.14	-0.36	0.0	0.0	
73.0	0.10	138.27	73.0	0.0	0.0	0.13	0.13	-0.33	-0.1	0.0	
87.0	0.12	138.22	87.0	-0.1	0.1	0.14	0.14	-0.36	-0.1	0.0	
102.0	0.14	138.17	102.0	-0.1	0.1	0.13	0.13	-0.33	-0.1	0.0	
116.0	0.16	138.12	116.0	-0.1	0.1	0.14	0.14	-0.36	-0.2	0.0	
131.0	0.18	138.08	131.0	-0.2	0.1	0.13	0.13	-0.27	-0.2	0.0	
145.0	0.20	138.03	145.0	-0.2	0.2	0.14	0.14	-0.36	-0.3	0.0	
160.0	0.23	137.98	160.0	-0.2	0.2	0.20	0.20	-0.33	-0.3	0.0	
174.0	0.25	137.93	174.0	-0.3	0.2	0.14	0.14	-0.36	-0.4	0.0	
189.0	0.27	137.88	189.0	-0.3	0.3	0.13	0.13	-0.33	-0.4	0.0	
203.0	0.29	137.83	203.0	-0.4	0.3	0.14	0.14	-0.36	-0.5	0.0	
218.0	0.31	137.78	218.0	-0.4	0.4	0.13	0.13	-0.33	-0.6	0.0	
233.0	0.30	139.83	233.0	-0.5	0.4	0.10	-0.07	13.67	-0.7	0.0	
247.0	0.29	142.00	247.0	-0.5	0.5	0.11	-0.07	15.50	-0.7	0.0	
262.0	0.28	144.31	262.0	-0.6	0.5	0.10	-0.07	15.40	-0.8	0.1	
276.0	0.27	146.77	276.0	-0.7	0.6	0.11	-0.07	17.57	-0.9	0.1	
291.0	0.26	149.38	291.0	-0.7	0.6	0.10	-0.07	17.40	-0.9	0.2	
305.0	0.26	152.13	305.0	-0.8	0.6	0.09	0.00	19.64	-1.0	0.2	
319.0	0.28	155.77	319.0	-0.8	0.7	0.19	0.14	26.00	-1.0	0.3	
334.0	0.31	158.77	334.0	-0.9	0.7	0.22	0.20	20.00	-1.1	0.3	
348.0	0.34	161.27	348.0	-1.0	0.7	0.24	0.21	17.86	-1.2	0.4	
362.0	0.37	163.38	362.0	-1.1	0.7	0.23	0.21	15.07	-1.2	0.4	
377.0	0.39	165.17	377.0	-1.2	0.8	0.16	0.13	11.93	-1.3	0.5	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
391.0	0.42	166.71	391.0	-1.3	0.8	0.23	0.21	11.00	-1.4	0.5	
405.0	0.41	168.47	405.0	-1.4	0.8	0.12	-0.07	12.57	-1.5	0.5	
419.0	0.40	170.32	419.0	-1.5	0.8	0.12	-0.07	13.21	-1.6	0.6	
433.0	0.39	172.25	433.0	-1.5	0.9	0.12	-0.07	13.79	-1.7	0.6	
447.0	0.38	174.27	447.0	-1.6	0.9	0.12	-0.07	14.43	-1.7	0.7	
461.0	0.38	176.37	461.0	-1.7	0.9	0.10	0.00	15.00	-1.8	0.8	
475.0	0.37	178.55	475.0	-1.8	0.9	0.12	-0.07	15.57	-1.8	0.8	
489.0	0.40	179.96	489.0	-1.9	0.9	0.22	0.21	10.07	-1.9	0.9	
503.0	0.42	181.18	503.0	-2.0	0.9	0.16	0.14	8.71	-2.0	0.9	
518.0	0.45	182.25	518.0	-2.1	0.9	0.21	0.20	7.13	-2.1	1.0	
532.0	0.48	183.18	532.0	-2.2	0.9	0.22	0.21	6.64	-2.2	1.0	
546.0	0.50	184.01	546.0	-2.4	0.9	0.15	0.14	5.93	-2.3	1.0	
560.0	0.53	184.75	560.0	-2.5	0.9	0.22	0.21	5.29	-2.4	1.1	
575.0	0.50	188.32	575.0	-2.6	0.8	0.29	-0.20	23.80	-2.5	1.2	
589.0	0.48	192.30	589.0	-2.7	0.8	0.28	-0.14	28.43	-2.5	1.4	
604.0	0.45	196.70	604.0	-2.9	0.8	0.31	-0.20	29.33	-2.5	1.6	
618.0	0.43	201.55	618.0	-3.0	0.8	0.30	-0.14	34.64	-2.5	1.8	
633.0	0.42	206.84	633.0	-3.1	0.7	0.27	-0.07	35.27	-2.4	2.0	
647.0	0.40	212.52	647.0	-3.2	0.7	0.32	-0.14	40.57	-2.3	2.2	
661.0	0.40	213.68	661.0	-3.2	0.6	0.06	0.00	8.29	-2.4	2.3	
675.0	0.41	214.83	675.0	-3.3	0.5	0.09	0.07	8.21	-2.4	2.3	
689.0	0.41	215.96	689.0	-3.4	0.5	0.06	0.00	8.07	-2.5	2.4	
703.0	0.41	217.07	703.0	-3.5	0.4	0.06	0.00	7.93	-2.5	2.4	
717.0	0.41	218.16	717.0	-3.6	0.4	0.06	0.00	7.79	-2.6	2.5	
731.0	0.41	219.23	731.0	-3.6	0.3	0.05	0.00	7.64	-2.6	2.5	
745.0	0.42	220.29	745.0	-3.7	0.2	0.09	0.07	7.57	-2.7	2.6	
759.0	0.45	223.84	759.0	-3.8	0.2	0.29	0.21	25.36	-2.6	2.7	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
772.0	0.49	226.83	772.0	-3.9	0.1	0.36	0.31	23.00	-2.6	2.9
786.0	0.53	229.38	786.0	-4.0	0.0	0.33	0.29	18.21	-2.6	3.0
800.0	0.57	231.55	800.0	-4.0	-0.1	0.32	0.29	15.50	-2.6	3.1
814.0	0.62	233.43	814.0	-4.1	-0.2	0.38	0.36	13.43	-2.6	3.2
827.0	0.66	235.06	827.0	-4.2	-0.3	0.34	0.31	12.54	-2.7	3.3
841.0	0.70	236.50	841.0	-4.3	-0.5	0.31	0.29	10.29	-2.8	3.3
855.0	0.70	238.20	855.0	-4.4	-0.6	0.15	0.00	12.14	-2.8	3.4
868.0	0.70	239.89	868.0	-4.5	-0.8	0.16	0.00	13.00	-2.9	3.5
882.0	0.71	241.57	882.0	-4.6	-0.9	0.16	0.07	12.00	-3.0	3.6
896.0	0.71	243.24	896.0	-4.6	-1.1	0.15	0.00	11.93	-3.0	3.7
910.0	0.71	244.90	910.0	-4.7	-1.2	0.15	0.00	11.86	-3.1	3.8
923.0	0.71	246.53	923.0	-4.8	-1.4	0.16	0.00	12.54	-3.2	3.8
937.0	0.72	248.15	937.0	-4.9	-1.5	0.16	0.07	11.57	-3.2	3.9
951.0	0.76	246.72	951.0	-4.9	-1.7	0.31	0.29	-10.21	-3.5	3.9
964.0	0.79	245.43	964.0	-5.0	-1.9	0.27	0.23	-9.92	-3.8	3.8
978.0	0.83	244.25	978.0	-5.1	-2.0	0.31	0.29	-8.43	-4.0	3.7
991.0	0.87	243.17	991.0	-5.2	-2.2	0.33	0.31	-8.31	-4.3	3.6
1,005.0	0.91	242.19	1,005.0	-5.3	-2.4	0.31	0.29	-7.00	-4.6	3.5
1,018.0	0.95	241.28	1,018.0	-5.4	-2.6	0.33	0.31	-7.00	-4.8	3.5
1,032.0	0.99	240.44	1,032.0	-5.5	-2.8	0.30	0.29	-6.00	-5.1	3.4
1,046.0	1.00	239.07	1,046.0	-5.6	-3.0	0.18	0.07	-9.79	-5.4	3.3
1,059.0	1.02	237.73	1,059.0	-5.7	-3.2	0.24	0.15	-10.31	-5.8	3.1
1,073.0	1.03	236.42	1,073.0	-5.9	-3.4	0.18	0.07	-9.36	-6.1	3.0
1,086.0	1.05	235.15	1,086.0	-6.0	-3.6	0.23	0.15	-9.77	-6.4	2.9
1,100.0	1.06	233.91	1,100.0	-6.1	-3.8	0.18	0.07	-8.86	-6.7	2.7
1,113.0	1.08	232.71	1,113.0	-6.3	-4.0	0.23	0.15	-9.23	-7.0	2.6
1,127.0	1.09	231.54	1,126.9	-6.4	-4.2	0.17	0.07	-8.36	-7.3	2.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
1,141.0	1.10	231.68	1,140.9	-6.6	-4.4	0.07	0.07	1.00	-7.6	2.4
1,154.0	1.10	232.00	1,153.9	-6.8	-4.6	0.05	0.00	2.46	-7.8	2.5
1,168.0	1.10	232.42	1,167.9	-6.9	-4.8	0.06	0.00	3.00	-8.1	2.5
1,181.0	1.10	232.88	1,180.9	-7.1	-5.0	0.07	0.00	3.54	-8.3	2.6
1,195.0	1.10	233.35	1,194.9	-7.2	-5.2	0.06	0.00	3.36	-8.5	2.7
1,208.0	1.11	233.78	1,207.9	-7.4	-5.4	0.10	0.08	3.31	-8.8	2.7
1,222.0	1.13	234.14	1,221.9	-7.6	-5.7	0.15	0.14	2.57	-9.0	2.8
1,235.0	1.16	234.48	1,234.9	-7.7	-5.9	0.24	0.23	2.62	-9.3	2.9
1,248.0	1.20	234.72	1,247.9	-7.9	-6.1	0.31	0.31	1.85	-9.5	2.9
1,261.0	1.24	234.80	1,260.9	-8.0	-6.3	0.31	0.31	0.62	-9.8	2.9
1,275.0	1.28	234.70	1,274.9	-8.2	-6.6	0.29	0.29	-0.71	-10.1	2.9
1,288.0	1.32	234.34	1,287.9	-8.4	-6.8	0.31	0.31	-2.77	-10.4	2.8
1,301.0	1.36	233.64	1,300.9	-8.5	-7.1	0.33	0.31	-5.38	-10.8	2.7
1,314.0	1.39	232.48	1,313.9	-8.7	-7.3	0.31	0.23	-8.92	-11.1	2.5
1,328.0	1.41	230.49	1,327.9	-8.9	-7.6	0.38	0.14	-14.21	-11.5	2.1
1,341.0	1.43	228.02	1,340.9	-9.2	-7.8	0.50	0.15	-19.00	-11.9	1.6
1,355.0	1.45	225.25	1,354.9	-9.4	-8.1	0.52	0.14	-19.79	-12.4	1.0
1,369.0	1.47	222.36	1,368.9	-9.7	-8.3	0.54	0.14	-20.64	-12.8	0.3
1,383.0	1.49	210.45	1,382.9	-9.9	-8.5	2.20	0.14	-85.07	-12.9	-2.5
1,396.0	2.32	161.90	1,395.9	-10.3	-8.5	13.38	6.38	-373.46	-6.9	-11.6
1,410.0	3.32	146.48	1,409.9	-10.9	-8.2	8.90	7.14	-110.14	-4.1	-13.3
1,424.0	3.38	144.59	1,423.8	-11.6	-7.8	0.90	0.43	-13.50	-4.2	-13.6
1,437.0	3.46	142.62	1,436.8	-12.2	-7.3	1.09	0.62	-15.15	-4.2	-13.9
1,451.0	3.54	140.65	1,450.8	-12.9	-6.8	1.03	0.57	-14.07	-4.2	-14.3
1,465.0	3.63	138.78	1,464.8	-13.6	-6.2	1.05	0.64	-13.36	-4.1	-14.6
1,479.0	3.74	137.04	1,478.7	-14.3	-5.6	1.12	0.79	-12.43	-4.0	-15.0
1,492.0	4.10	133.09	1,491.7	-14.9	-5.0	3.46	2.77	-30.38	-3.3	-15.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
1,506.0	4.68	128.49	1,505.7	-15.6	-4.2	4.84	4.14	-32.86	-2.4	-16.0	
1,520.0	4.79	127.30	1,519.6	-16.3	-3.3	1.05	0.79	-8.50	-2.5	-16.2	
1,533.0	4.91	126.22	1,532.6	-16.9	-2.4	1.16	0.92	-8.31	-2.5	-16.5	
1,547.0	5.03	125.23	1,546.5	-17.7	-1.4	1.05	0.86	-7.07	-2.5	-16.7	
1,561.0	5.16	124.36	1,560.5	-18.4	-0.4	1.08	0.93	-6.21	-2.6	-17.0	
1,575.0	5.29	123.60	1,574.4	-19.1	0.7	1.05	0.93	-5.43	-2.6	-17.3	
1,588.0	5.90	120.74	1,587.3	-19.7	1.8	5.16	4.69	-22.00	-1.9	-17.6	
1,602.0	6.52	118.43	1,601.3	-20.5	3.1	4.77	4.43	-16.50	-1.6	-17.8	
1,616.0	6.66	118.15	1,615.2	-21.3	4.5	1.03	1.00	-2.00	-1.8	-17.9	
1,629.0	6.80	117.98	1,628.1	-22.0	5.8	1.09	1.08	-1.31	-2.1	-18.1	
1,643.0	6.94	117.87	1,642.0	-22.8	7.3	1.00	1.00	-0.79	-2.4	-18.2	
1,656.0	7.08	117.79	1,654.9	-23.5	8.7	1.08	1.08	-0.62	-2.6	-18.4	
1,670.0	7.21	117.74	1,668.8	-24.3	10.3	0.93	0.93	-0.36	-2.8	-18.5	
1,683.0	7.33	117.70	1,681.7	-25.1	11.7	0.92	0.92	-0.31	-3.0	-18.7	
1,697.0	8.11	119.71	1,695.5	-26.0	13.4	5.89	5.57	14.36	-3.8	-18.7	
1,711.0	8.69	120.98	1,709.4	-27.0	15.1	4.35	4.14	9.07	-4.6	-18.9	
1,724.0	8.72	121.00	1,722.2	-28.0	16.8	0.23	0.23	0.15	-4.9	-19.1	
1,738.0	8.75	121.00	1,736.1	-29.1	18.6	0.21	0.21	0.00	-5.2	-19.4	
1,752.0	8.80	120.93	1,749.9	-30.2	20.5	0.37	0.36	-0.50	-5.5	-19.7	
1,766.0	8.87	120.77	1,763.7	-31.3	22.3	0.53	0.50	-1.14	-5.6	-20.1	
1,779.0	8.93	117.43	1,776.6	-32.3	24.1	4.00	0.46	-25.69	-4.6	-20.6	
1,793.0	9.03	110.49	1,790.4	-33.2	26.1	7.77	0.71	-49.57	-2.1	-21.1	
1,807.0	9.33	109.69	1,804.2	-34.0	28.2	2.33	2.14	-5.71	-1.9	-21.0	
1,820.0	9.68	108.79	1,817.1	-34.7	30.2	2.92	2.69	-6.92	-1.6	-20.9	
1,834.0	10.07	107.88	1,830.9	-35.4	32.5	3.00	2.79	-6.50	-1.4	-20.8	
1,847.0	10.46	107.02	1,843.6	-36.1	34.7	3.22	3.00	-6.62	-1.2	-20.7	
1,861.0	10.83	106.26	1,857.4	-36.8	37.2	2.83	2.64	-5.43	-1.1	-20.4	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
1,874.0	10.86	105.32	1,870.2	-37.5	39.5	1.38	0.23	-7.23	-0.9	-20.2	
1,888.0	10.13	102.74	1,883.9	-38.1	42.0	6.20	-5.21	-18.43	0.0	-19.9	
1,902.0	10.32	102.15	1,897.7	-38.7	44.4	1.55	1.36	-4.21	0.3	-19.4	
1,915.0	10.48	101.63	1,910.5	-39.2	46.7	1.43	1.23	-4.00	0.6	-19.0	
1,929.0	10.61	101.17	1,924.3	-39.7	49.2	1.11	0.93	-3.29	0.9	-18.5	
1,942.0	10.73	100.76	1,937.0	-40.1	51.6	1.09	0.92	-3.15	1.2	-18.0	
1,956.0	10.83	100.41	1,950.8	-40.6	54.2	0.85	0.71	-2.50	1.6	-17.4	
1,969.0	11.22	100.50	1,963.6	-41.0	56.6	3.00	3.00	0.69	1.8	-16.8	
1,983.0	12.68	101.64	1,977.2	-41.6	59.4	10.56	10.43	8.14	1.5	-16.3	
1,997.0	12.77	101.55	1,990.9	-42.2	62.5	0.66	0.64	-0.64	1.5	-15.7	
2,010.0	12.85	101.50	2,003.6	-42.8	65.3	0.62	0.62	-0.38	1.5	-15.2	
2,024.0	12.93	101.49	2,017.2	-43.4	68.4	0.57	0.57	-0.07	1.5	-14.6	
2,038.0	12.99	101.50	2,030.9	-44.1	71.4	0.43	0.43	0.07	1.4	-14.1	
2,052.0	13.05	101.53	2,044.5	-44.7	74.5	0.43	0.43	0.21	1.4	-13.5	
2,065.0	13.08	101.58	2,057.2	-45.3	77.4	0.25	0.23	0.38	1.3	-13.0	
2,079.0	13.10	101.64	2,070.8	-45.9	80.5	0.17	0.14	0.43	1.2	-12.4	
2,093.0	13.09	101.72	2,084.4	-46.5	83.6	0.15	-0.07	0.57	1.1	-11.8	
2,106.0	13.05	101.82	2,097.1	-47.1	86.5	0.35	-0.31	0.77	1.0	-11.3	
2,120.0	13.00	101.94	2,110.8	-47.8	89.6	0.41	-0.36	0.86	1.0	-10.8	
2,134.0	12.94	102.08	2,124.4	-48.5	92.7	0.48	-0.43	1.00	0.9	-10.2	
2,148.0	12.88	102.27	2,138.0	-49.1	95.7	0.52	-0.43	1.36	0.8	-9.7	
2,161.0	12.81	102.51	2,150.7	-49.7	98.5	0.68	-0.54	1.85	0.8	-9.2	
2,175.0	12.75	102.83	2,164.4	-50.4	101.6	0.66	-0.43	2.29	0.8	-8.7	
2,189.0	12.70	103.26	2,178.0	-51.1	104.6	0.77	-0.36	3.07	0.7	-8.2	
2,202.0	12.66	103.77	2,190.7	-51.8	107.3	0.91	-0.31	3.92	0.7	-7.8	
2,216.0	12.62	104.32	2,204.4	-52.5	110.3	0.91	-0.29	3.93	0.7	-7.3	
2,230.0	12.59	104.88	2,218.0	-53.3	113.3	0.90	-0.21	4.00	0.7	-6.9	



Final PVA



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Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,244.0	12.57	105.42	2,231.7	-54.1	116.2	0.85	-0.14	3.86	0.7	-6.6
2,257.0	12.71	107.79	2,244.4	-54.9	118.9	4.13	1.08	18.23	0.5	-6.3
2,271.0	13.07	111.80	2,258.0	-56.0	121.9	6.89	2.57	28.64	0.1	-6.2
2,285.0	13.08	112.19	2,271.7	-57.1	124.8	0.63	0.07	2.79	0.1	-6.2
2,298.0	13.09	112.55	2,284.3	-58.3	127.5	0.63	0.08	2.77	0.0	-6.2
2,312.0	13.11	112.89	2,298.0	-59.5	130.5	0.57	0.14	2.43	-0.1	-6.3
2,325.0	13.13	113.21	2,310.6	-60.6	133.2	0.58	0.15	2.46	-0.1	-6.3
2,339.0	13.15	113.49	2,324.3	-61.9	136.1	0.48	0.14	2.00	-0.2	-6.4
2,352.0	13.17	113.73	2,336.9	-63.1	138.8	0.45	0.15	1.85	-0.3	-6.5
2,366.0	13.18	113.91	2,350.5	-64.4	141.7	0.30	0.07	1.29	-0.3	-6.6
2,380.0	13.19	114.02	2,364.2	-65.7	144.6	0.19	0.07	0.79	-0.4	-6.7
2,393.0	13.19	114.07	2,376.8	-66.9	147.3	0.09	0.00	0.38	-0.4	-6.8
2,407.0	13.18	114.08	2,390.5	-68.2	150.3	0.07	-0.07	0.07	-0.5	-6.9
2,420.0	13.18	114.07	2,403.1	-69.4	153.0	0.02	0.00	-0.08	-0.5	-7.0
2,434.0	13.18	114.06	2,416.8	-70.7	155.9	0.02	0.00	-0.07	-0.6	-7.1
2,447.0	13.18	114.04	2,429.4	-71.9	158.6	0.04	0.00	-0.15	-0.6	-7.2
2,461.0	13.19	114.04	2,443.0	-73.2	161.5	0.07	0.07	0.00	-0.7	-7.4
2,475.0	13.21	114.06	2,456.7	-74.5	164.4	0.15	0.14	0.14	-0.7	-7.5
2,488.0	13.24	114.09	2,469.3	-75.7	167.1	0.24	0.23	0.23	-0.8	-7.6
2,502.0	13.27	114.14	2,483.0	-77.0	170.1	0.23	0.21	0.36	-0.8	-7.7
2,516.0	13.31	114.19	2,496.6	-78.4	173.0	0.30	0.29	0.36	-0.9	-7.8
2,530.0	13.34	114.25	2,510.2	-79.7	176.0	0.24	0.21	0.43	-1.0	-7.9
2,543.0	13.37	114.31	2,522.9	-80.9	178.7	0.25	0.23	0.46	-1.1	-8.0
2,557.0	13.40	114.39	2,536.5	-82.2	181.6	0.25	0.21	0.57	-1.2	-8.2
2,571.0	13.41	114.47	2,550.1	-83.6	184.6	0.15	0.07	0.57	-1.3	-8.3
2,584.0	13.41	114.57	2,562.7	-84.8	187.3	0.18	0.00	0.77	-1.4	-8.4
2,598.0	13.41	114.65	2,576.4	-86.2	190.3	0.13	0.00	0.57	-1.5	-8.6



Final PVA



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Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,612.0	13.41	114.73	2,590.0	-87.5	193.2	0.13	0.00	0.57	-1.7	-8.7
2,626.0	13.39	114.77	2,603.6	-88.9	196.2	0.16	-0.14	0.29	-1.8	-8.9
2,639.0	13.37	114.78	2,616.2	-90.2	198.9	0.15	-0.15	0.08	-1.9	-9.0
2,653.0	13.34	114.72	2,629.9	-91.5	201.9	0.24	-0.21	-0.43	-1.9	-9.2
2,667.0	13.30	114.56	2,643.5	-92.9	204.8	0.39	-0.29	-1.14	-2.0	-9.3
2,680.0	13.24	114.35	2,656.1	-94.1	207.5	0.59	-0.46	-1.62	-2.0	-9.4
2,694.0	13.18	114.09	2,669.8	-95.4	210.4	0.60	-0.43	-1.86	-2.0	-9.6
2,707.0	13.12	113.80	2,682.4	-96.6	213.1	0.69	-0.46	-2.23	-2.0	-9.7
2,721.0	13.06	113.50	2,696.1	-97.9	216.0	0.65	-0.43	-2.14	-2.0	-9.8
2,734.0	13.01	113.20	2,708.7	-99.0	218.7	0.65	-0.38	-2.31	-2.0	-9.9
2,748.0	12.73	109.74	2,722.4	-100.2	221.6	5.86	-2.00	-24.71	-1.3	-9.9
2,762.0	12.69	109.43	2,736.0	-101.2	224.5	0.56	-0.29	-2.21	-1.2	-9.8
2,775.0	12.66	109.13	2,748.7	-102.2	227.2	0.56	-0.23	-2.31	-1.1	-9.7
2,789.0	12.64	108.82	2,762.4	-103.2	230.1	0.51	-0.14	-2.21	-1.0	-9.5
2,803.0	12.61	108.53	2,776.0	-104.1	233.0	0.50	-0.21	-2.07	-0.8	-9.3
2,817.0	12.58	108.27	2,789.7	-105.1	235.9	0.46	-0.21	-1.86	-0.7	-9.1
2,830.0	12.55	108.03	2,802.4	-106.0	238.6	0.46	-0.23	-1.85	-0.6	-8.9
2,844.0	12.51	107.85	2,816.1	-106.9	241.5	0.40	-0.29	-1.29	-0.4	-8.7
2,858.0	12.45	107.77	2,829.7	-107.8	244.4	0.45	-0.43	-0.57	-0.3	-8.5
2,871.0	12.39	107.74	2,842.4	-108.7	247.0	0.46	-0.46	-0.23	-0.2	-8.3
2,885.0	12.32	107.75	2,856.1	-109.6	249.9	0.50	-0.50	0.07	0.0	-8.0
2,898.0	12.25	107.79	2,868.8	-110.5	252.5	0.54	-0.54	0.31	0.1	-7.8
2,912.0	12.19	107.85	2,882.5	-111.4	255.3	0.44	-0.43	0.43	0.3	-7.6
2,925.0	12.13	107.92	2,895.2	-112.2	257.9	0.48	-0.46	0.54	0.5	-7.4
2,939.0	12.08	108.01	2,908.9	-113.1	260.7	0.38	-0.36	0.64	0.7	-7.2
2,953.0	12.06	108.10	2,922.6	-114.0	263.5	0.20	-0.14	0.64	0.9	-7.0
2,966.0	12.05	108.19	2,935.3	-114.9	266.1	0.16	-0.08	0.69	1.1	-6.8



Final PVA



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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
2,980.0	12.05	108.29	2,949.0	-115.8	268.9	0.15	0.00	0.71	1.3	-6.6	
2,993.0	12.05	108.38	2,961.7	-116.6	271.5	0.14	0.00	0.69	1.5	-6.4	
3,007.0	12.06	108.47	2,975.4	-117.6	274.2	0.15	0.07	0.64	1.7	-6.2	
3,020.0	12.07	108.54	2,988.1	-118.4	276.8	0.14	0.08	0.54	1.9	-6.1	
3,034.0	12.08	108.59	3,001.8	-119.4	279.6	0.10	0.07	0.36	2.0	-6.0	
3,048.0	12.10	108.59	3,015.5	-120.3	282.4	0.14	0.14	0.00	2.2	-6.0	
3,061.0	12.12	108.57	3,028.2	-121.2	284.9	0.16	0.15	-0.15	2.3	-6.0	
3,075.0	12.14	108.54	3,041.9	-122.1	287.7	0.15	0.14	-0.21	2.4	-6.1	
3,088.0	12.16	108.50	3,054.6	-123.0	290.3	0.17	0.15	-0.31	2.4	-6.3	
3,102.0	12.18	108.45	3,068.3	-123.9	293.1	0.16	0.14	-0.36	2.4	-6.5	
3,115.0	12.19	108.41	3,081.0	-124.8	295.7	0.10	0.08	-0.31	2.5	-6.6	
3,129.0	12.19	108.38	3,094.7	-125.7	298.5	0.05	0.00	-0.21	2.5	-6.8	
3,143.0	12.18	108.36	3,108.3	-126.6	301.3	0.08	-0.07	-0.14	2.5	-7.0	
3,156.0	12.16	108.35	3,121.0	-127.5	303.9	0.15	-0.15	-0.08	2.6	-7.2	
3,170.0	12.14	108.35	3,134.7	-128.4	306.7	0.14	-0.14	0.00	2.6	-7.3	
3,183.0	12.11	108.35	3,147.4	-129.3	309.3	0.23	-0.23	0.00	2.6	-7.5	
3,197.0	12.07	108.35	3,161.1	-130.2	312.1	0.29	-0.29	0.00	2.7	-7.7	
3,210.0	12.02	108.35	3,173.8	-131.1	314.7	0.38	-0.38	0.00	2.7	-7.9	
3,224.0	11.96	108.36	3,187.5	-132.0	317.4	0.43	-0.43	0.07	2.8	-8.0	
3,238.0	11.88	108.36	3,201.2	-132.9	320.2	0.57	-0.57	0.00	2.9	-8.2	
3,251.0	11.79	108.36	3,214.0	-133.7	322.7	0.69	-0.69	0.00	3.0	-8.4	
3,265.0	11.69	108.37	3,227.7	-134.6	325.4	0.71	-0.71	0.07	3.1	-8.6	
3,278.0	11.59	108.38	3,240.4	-135.4	327.9	0.77	-0.77	0.08	3.3	-8.8	
3,292.0	11.49	108.39	3,254.1	-136.3	330.6	0.71	-0.71	0.07	3.5	-8.9	
3,305.0	11.40	108.41	3,266.9	-137.1	333.0	0.69	-0.69	0.15	3.7	-9.1	
3,319.0	11.30	108.44	3,280.6	-138.0	335.6	0.72	-0.71	0.21	3.9	-9.3	
3,333.0	11.22	108.49	3,294.3	-138.9	338.2	0.58	-0.57	0.36	4.1	-9.5	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
3,346.0	11.14	108.55	3,307.1	-139.7	340.6	0.62	-0.62	0.46	4.4	-9.7
3,360.0	11.07	108.61	3,320.8	-140.5	343.2	0.51	-0.50	0.43	4.7	-9.9
3,374.0	10.99	108.67	3,334.5	-141.4	345.7	0.58	-0.57	0.43	4.9	-10.1
3,388.0	10.91	108.72	3,348.3	-142.2	348.2	0.58	-0.57	0.36	5.3	-10.3
3,401.0	10.82	108.76	3,361.1	-143.0	350.6	0.69	-0.69	0.31	5.6	-10.5
3,415.0	10.71	108.77	3,374.8	-143.9	353.0	0.79	-0.79	0.07	6.0	-10.7
3,429.0	10.57	108.73	3,388.6	-144.7	355.5	1.00	-1.00	-0.29	6.4	-10.9
3,442.0	10.42	108.66	3,401.4	-145.5	357.7	1.16	-1.15	-0.54	6.8	-11.1
3,456.0	10.27	108.58	3,415.1	-146.3	360.1	1.08	-1.07	-0.57	7.3	-11.2
3,469.0	10.13	108.48	3,427.9	-147.0	362.3	1.09	-1.08	-0.77	7.8	-11.4
3,483.0	10.00	108.38	3,441.7	-147.8	364.6	0.94	-0.93	-0.71	8.3	-11.6
3,496.0	10.00	108.01	3,454.5	-148.5	366.7	0.49	0.00	-2.85	8.9	-11.7
3,510.0	11.08	105.03	3,468.3	-149.2	369.2	8.64	7.71	-21.29	9.9	-11.3
3,524.0	11.09	104.95	3,482.0	-149.9	371.8	0.13	0.07	-0.57	10.3	-11.3
3,537.0	11.15	104.88	3,494.8	-150.5	374.2	0.47	0.46	-0.54	10.5	-11.3
3,551.0	11.22	104.83	3,508.5	-151.2	376.9	0.50	0.50	-0.36	10.8	-11.3
3,564.0	11.29	104.80	3,521.3	-151.9	379.3	0.54	0.54	-0.23	11.1	-11.3
3,578.0	11.37	104.82	3,535.0	-152.6	382.0	0.57	0.57	0.14	11.3	-11.3
3,591.0	11.42	104.88	3,547.7	-153.3	384.4	0.40	0.38	0.46	11.5	-11.3
3,605.0	11.46	105.04	3,561.4	-154.0	387.1	0.36	0.29	1.14	11.7	-11.3
3,619.0	11.44	105.33	3,575.2	-154.7	389.8	0.44	-0.14	2.07	11.8	-11.4
3,632.0	11.39	105.71	3,587.9	-155.4	392.3	0.69	-0.38	2.92	12.0	-11.5
3,646.0	11.32	106.11	3,601.6	-156.1	394.9	0.75	-0.50	2.86	12.1	-11.6
3,660.0	11.24	106.50	3,615.4	-156.9	397.6	0.79	-0.57	2.79	12.3	-11.8
3,674.0	11.14	106.83	3,629.1	-157.7	400.2	0.85	-0.71	2.36	12.5	-11.9
3,687.0	11.04	107.04	3,641.9	-158.4	402.6	0.83	-0.77	1.62	12.7	-12.1
3,701.0	10.92	107.06	3,655.6	-159.2	405.1	0.86	-0.86	0.14	13.1	-12.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
3,715.0	10.78	106.72	3,669.3	-160.0	407.6	1.10	-1.00	-2.43	13.5	-12.2
3,728.0	10.64	106.16	3,682.1	-160.6	410.0	1.34	-1.08	-4.31	14.0	-12.2
3,742.0	10.50	105.47	3,695.9	-161.3	412.4	1.35	-1.00	-4.93	14.5	-12.1
3,756.0	10.36	104.70	3,709.7	-162.0	414.9	1.41	-1.00	-5.50	15.2	-11.9
3,770.0	10.23	103.92	3,723.4	-162.6	417.3	1.36	-0.93	-5.57	15.8	-11.6
3,783.0	10.36	101.35	3,736.2	-163.1	419.6	3.67	1.00	-19.77	16.8	-10.8
3,797.0	11.29	95.40	3,750.0	-163.5	422.2	10.38	6.64	-42.50	18.1	-8.7
3,811.0	12.17	92.71	3,763.7	-163.7	425.0	7.40	6.29	-19.21	18.6	-7.3
3,824.0	12.04	92.26	3,776.4	-163.8	427.7	1.24	-1.00	-3.46	18.6	-6.6
3,838.0	11.91	91.80	3,790.1	-163.9	430.6	1.15	-0.93	-3.29	18.7	-5.8
3,852.0	11.78	91.34	3,803.8	-164.0	433.5	1.15	-0.93	-3.29	18.7	-4.9
3,866.0	11.66	90.90	3,817.5	-164.1	436.3	1.07	-0.86	-3.14	18.8	-4.1
3,879.0	11.54	90.47	3,830.2	-164.1	439.0	1.14	-0.92	-3.31	18.9	-3.3
3,893.0	11.44	90.07	3,843.9	-164.1	441.7	0.91	-0.71	-2.86	19.1	-2.4
3,907.0	11.35	89.76	3,857.7	-164.1	444.5	0.78	-0.64	-2.21	19.2	-1.5
3,920.0	11.28	89.49	3,870.4	-164.1	447.1	0.68	-0.54	-2.08	19.3	-0.7
3,934.0	11.22	89.23	3,884.2	-164.1	449.8	0.56	-0.43	-1.86	19.5	0.2
3,948.0	11.17	88.98	3,897.9	-164.0	452.5	0.50	-0.36	-1.79	19.7	1.1
3,962.0	11.12	88.71	3,911.6	-164.0	455.2	0.52	-0.36	-1.93	19.8	2.0
3,975.0	11.07	88.41	3,924.4	-163.9	457.7	0.59	-0.38	-2.31	20.0	2.9
3,989.0	11.76	90.15	3,938.1	-163.9	460.5	5.51	4.93	12.43	20.2	3.1
4,003.0	13.18	93.48	3,951.8	-164.0	463.5	11.37	10.14	23.79	20.2	2.6
4,016.0	13.99	95.14	3,964.4	-164.2	466.6	6.91	6.23	12.77	20.0	2.5
4,030.0	13.95	94.50	3,978.0	-164.5	469.9	1.14	-0.29	-4.57	19.5	3.3
4,043.0	13.92	93.81	3,990.6	-164.7	473.0	1.30	-0.23	-5.31	19.0	4.0
4,057.0	13.89	93.14	4,004.2	-164.9	476.4	1.17	-0.21	-4.79	18.5	4.8
4,070.0	13.87	92.55	4,016.8	-165.1	479.5	1.10	-0.15	-4.54	18.1	5.6



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
4,084.0	13.85	92.13	4,030.4	-165.2	482.9	0.73	-0.14	-3.00	17.6	6.4	
4,098.0	13.83	92.00	4,044.0	-165.3	486.2	0.26	-0.14	-0.93	17.1	7.1	
4,111.0	13.82	92.07	4,056.6	-165.4	489.3	0.15	-0.08	0.54	16.7	7.6	
4,125.0	13.81	92.28	4,070.2	-165.6	492.7	0.37	-0.07	1.50	16.3	8.2	
4,139.0	13.81	92.59	4,083.8	-165.7	496.0	0.53	0.00	2.21	15.9	8.8	
4,153.0	13.82	92.97	4,097.4	-165.9	499.3	0.65	0.07	2.71	15.6	9.3	
4,166.0	13.83	93.42	4,110.0	-166.0	502.4	0.83	0.08	3.46	15.2	9.8	
4,180.0	13.87	93.92	4,123.6	-166.3	505.8	0.90	0.29	3.57	14.9	10.2	
4,194.0	13.92	94.49	4,137.2	-166.5	509.1	1.04	0.36	4.07	14.5	10.6	
4,207.0	13.99	95.10	4,149.8	-166.8	512.3	1.25	0.54	4.69	14.2	11.0	
4,221.0	14.06	95.72	4,163.4	-167.1	515.6	1.18	0.50	4.43	13.9	11.3	
4,234.0	14.12	96.33	4,176.0	-167.4	518.8	1.23	0.46	4.69	13.6	11.6	
4,248.0	14.16	96.92	4,189.6	-167.8	522.2	1.07	0.29	4.21	13.2	11.9	
4,261.0	14.18	97.47	4,202.2	-168.2	525.3	1.05	0.15	4.23	12.9	12.1	
4,275.0	14.15	97.94	4,215.8	-168.7	528.7	0.85	-0.21	3.36	12.5	12.4	
4,289.0	14.36	102.34	4,229.4	-169.3	532.1	7.88	1.50	31.43	12.9	11.7	
4,302.0	14.50	105.46	4,241.9	-170.1	535.3	6.08	1.08	24.00	13.1	11.0	
4,316.0	14.25	105.64	4,255.5	-171.0	538.6	1.81	-1.79	1.29	12.6	11.0	
4,330.0	13.97	105.80	4,269.1	-171.9	541.9	2.02	-2.00	1.14	12.2	10.9	
4,344.0	13.69	105.96	4,282.7	-172.8	545.1	2.02	-2.00	1.14	11.8	10.8	
4,357.0	13.43	106.14	4,295.3	-173.7	548.0	2.03	-2.00	1.38	11.6	10.7	
4,371.0	13.20	106.37	4,308.9	-174.6	551.1	1.69	-1.64	1.64	11.4	10.6	
4,385.0	13.06	106.69	4,322.6	-175.5	554.2	1.13	-1.00	2.29	11.3	10.4	
4,398.0	12.97	107.07	4,335.2	-176.3	557.0	0.96	-0.69	2.92	11.2	10.3	
4,412.0	12.92	107.47	4,348.9	-177.3	560.0	0.73	-0.36	2.86	11.1	10.1	
4,425.0	12.89	107.88	4,361.6	-178.1	562.8	0.74	-0.23	3.15	11.0	9.9	
4,439.0	12.89	108.28	4,375.2	-179.1	565.7	0.64	0.00	2.86	10.9	9.6	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
4,452.0	12.90	108.66	4,387.9	-180.0	568.5	0.66	0.08	2.92	10.9	9.4
4,466.0	12.93	108.97	4,401.5	-181.0	571.4	0.54	0.21	2.21	10.7	9.1
4,480.0	12.99	109.20	4,415.2	-182.1	574.4	0.57	0.43	1.64	10.6	8.8
4,493.0	13.06	109.37	4,427.8	-183.0	577.2	0.61	0.54	1.31	10.5	8.6
4,507.0	13.13	109.51	4,441.5	-184.1	580.2	0.55	0.50	1.00	10.3	8.3
4,521.0	13.21	109.64	4,455.1	-185.2	583.2	0.61	0.57	0.93	10.1	8.1
4,535.0	13.29	109.76	4,468.7	-186.2	586.2	0.60	0.57	0.86	9.9	7.8
4,548.0	13.36	109.91	4,481.4	-187.2	589.0	0.60	0.54	1.15	9.6	7.5
4,562.0	13.41	110.10	4,495.0	-188.4	592.1	0.48	0.36	1.36	9.4	7.2
4,576.0	13.44	110.36	4,508.6	-189.5	595.1	0.48	0.21	1.86	9.1	6.9
4,589.0	13.45	110.67	4,521.3	-190.5	597.9	0.56	0.08	2.38	8.9	6.6
4,603.0	13.45	110.99	4,534.9	-191.7	601.0	0.53	0.00	2.29	8.7	6.2
4,616.0	13.44	111.30	4,547.5	-192.8	603.8	0.56	-0.08	2.38	8.4	5.9
4,630.0	13.43	111.59	4,561.1	-194.0	606.8	0.49	-0.07	2.07	8.2	5.5
4,643.0	13.41	111.82	4,573.8	-195.1	609.6	0.44	-0.15	1.77	7.9	5.1
4,657.0	13.39	111.98	4,587.4	-196.3	612.6	0.30	-0.14	1.14	7.6	4.7
4,671.0	13.37	111.99	4,601.0	-197.5	615.6	0.14	-0.14	0.07	7.3	4.4
4,684.0	13.34	111.92	4,613.7	-198.6	618.4	0.26	-0.23	-0.54	7.1	4.0
4,698.0	13.30	111.79	4,627.3	-199.8	621.4	0.36	-0.29	-0.93	6.8	3.7
4,711.0	13.25	111.61	4,639.9	-200.9	624.2	0.50	-0.38	-1.38	6.6	3.4
4,725.0	13.17	111.40	4,653.6	-202.1	627.2	0.67	-0.57	-1.50	6.3	3.1
4,738.0	13.07	111.15	4,666.2	-203.2	629.9	0.88	-0.77	-1.92	6.1	2.8
4,752.0	12.93	110.88	4,679.9	-204.3	632.9	1.09	-1.00	-1.93	5.9	2.5
4,766.0	12.72	110.62	4,693.5	-205.4	635.8	1.56	-1.50	-1.86	5.8	2.2
4,779.0	12.46	110.35	4,706.2	-206.4	638.4	2.05	-2.00	-2.08	5.7	2.0
4,793.0	12.18	110.06	4,719.9	-207.4	641.2	2.05	-2.00	-2.07	5.6	1.7
4,806.0	11.89	109.77	4,732.6	-208.4	643.8	2.28	-2.23	-2.23	5.7	1.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
4,820.0	11.61	109.47	4,746.3	-209.3	646.5	2.05	-2.00	-2.14	5.8	1.3	
4,833.0	11.34	109.20	4,759.0	-210.2	648.9	2.12	-2.08	-2.08	6.0	1.1	
4,847.0	11.09	108.96	4,772.8	-211.1	651.5	1.82	-1.79	-1.71	6.2	0.9	
4,861.0	10.89	108.84	4,786.5	-211.9	654.0	1.44	-1.43	-0.86	6.6	0.7	
4,874.0	10.72	108.78	4,799.3	-212.7	656.3	1.31	-1.31	-0.46	6.9	0.5	
4,888.0	10.58	108.74	4,813.1	-213.6	658.8	1.00	-1.00	-0.29	7.3	0.3	
4,901.0	10.45	108.73	4,825.8	-214.3	661.0	1.00	-1.00	-0.08	7.7	0.1	
4,915.0	10.35	108.73	4,839.6	-215.1	663.4	0.71	-0.71	0.00	8.2	-0.1	
4,928.0	10.25	108.73	4,852.4	-215.9	665.6	0.77	-0.77	0.00	8.6	-0.3	
4,942.0	10.18	108.73	4,866.2	-216.7	667.9	0.50	-0.50	0.00	9.1	-0.5	
4,956.0	10.13	108.72	4,880.0	-217.5	670.3	0.36	-0.36	-0.07	9.6	-0.7	
4,969.0	10.10	108.70	4,892.8	-218.2	672.4	0.23	-0.23	-0.15	10.1	-0.9	
4,983.0	10.09	108.65	4,906.5	-219.0	674.8	0.09	-0.07	-0.36	10.7	-1.0	
4,997.0	10.09	108.56	4,920.3	-219.8	677.1	0.11	0.00	-0.64	11.2	-1.2	
5,011.0	10.11	108.42	4,934.1	-220.5	679.4	0.23	0.14	-1.00	11.7	-1.4	
5,024.0	10.15	108.19	4,946.9	-221.3	681.6	0.44	0.31	-1.77	12.2	-1.5	
5,038.0	10.04	105.62	4,960.7	-222.0	683.9	3.31	-0.79	-18.36	12.8	-1.1	
5,052.0	10.02	102.44	4,974.5	-222.6	686.3	3.96	-0.14	-22.71	13.4	-0.3	
5,065.0	10.17	101.75	4,987.3	-223.0	688.5	1.48	1.15	-5.31	13.9	0.0	
5,079.0	10.35	100.97	5,001.0	-223.5	691.0	1.62	1.29	-5.57	14.4	0.4	
5,092.0	10.54	100.16	5,013.8	-224.0	693.3	1.85	1.46	-6.23	14.8	0.8	
5,106.0	10.72	99.38	5,027.6	-224.4	695.8	1.65	1.29	-5.57	15.2	1.2	
5,119.0	10.88	98.64	5,040.4	-224.8	698.2	1.63	1.23	-5.69	15.5	1.7	
5,133.0	11.97	97.77	5,054.1	-225.2	701.0	7.88	7.79	-6.21	15.7	2.3	
5,147.0	13.20	98.38	5,067.7	-225.6	704.0	8.84	8.79	4.36	15.6	2.5	
5,160.0	13.41	97.97	5,080.4	-226.0	707.0	1.77	1.62	-3.15	15.4	2.9	
5,174.0	13.44	97.40	5,094.0	-226.5	710.2	0.97	0.21	-4.07	15.1	3.4	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
5,187.0	13.45	96.83	5,106.7	-226.8	713.2	1.02	0.08	-4.38	14.7	3.9	
5,201.0	13.46	96.29	5,120.3	-227.2	716.4	0.90	0.07	-3.86	14.4	4.5	
5,214.0	13.48	95.81	5,132.9	-227.5	719.4	0.87	0.15	-3.69	14.1	5.1	
5,228.0	13.49	95.43	5,146.5	-227.9	722.7	0.64	0.07	-2.71	13.7	5.6	
5,242.0	13.52	95.20	5,160.1	-228.2	725.9	0.44	0.21	-1.64	13.4	6.2	
5,255.0	13.56	95.06	5,172.8	-228.4	729.0	0.40	0.31	-1.08	13.0	6.7	
5,269.0	13.60	94.99	5,186.4	-228.7	732.2	0.31	0.29	-0.50	12.7	7.2	
5,282.0	13.64	94.95	5,199.0	-229.0	735.3	0.32	0.31	-0.31	12.3	7.7	
5,296.0	13.67	94.93	5,212.6	-229.3	738.6	0.22	0.21	-0.14	11.9	8.2	
5,309.0	13.71	94.90	5,225.3	-229.5	741.7	0.31	0.31	-0.23	11.6	8.7	
5,323.0	13.73	94.84	5,238.9	-229.8	745.0	0.18	0.14	-0.43	11.2	9.2	
5,337.0	13.75	94.74	5,252.5	-230.1	748.3	0.22	0.14	-0.71	10.8	9.7	
5,350.0	13.75	94.60	5,265.1	-230.3	751.4	0.26	0.00	-1.08	10.4	10.3	
5,364.0	13.75	94.43	5,278.7	-230.6	754.7	0.29	0.00	-1.21	10.0	10.8	
5,378.0	13.74	94.25	5,292.3	-230.9	758.0	0.31	-0.07	-1.29	9.5	11.4	
5,392.0	13.73	94.06	5,305.9	-231.1	761.3	0.33	-0.07	-1.36	9.1	12.0	
5,405.0	13.70	93.85	5,318.5	-231.3	764.4	0.45	-0.23	-1.62	8.7	12.5	
5,419.0	13.67	93.61	5,332.1	-231.5	767.7	0.46	-0.21	-1.71	8.3	13.2	
5,433.0	13.62	93.35	5,345.7	-231.7	771.0	0.57	-0.36	-1.86	7.8	13.8	
5,446.0	13.56	93.07	5,358.4	-231.9	774.0	0.68	-0.46	-2.15	7.4	14.4	
5,460.0	13.50	92.79	5,372.0	-232.1	777.3	0.63	-0.43	-2.00	7.0	15.0	
5,474.0	13.46	92.52	5,385.6	-232.2	780.6	0.53	-0.29	-1.93	6.6	15.7	
5,488.0	13.43	92.28	5,399.2	-232.3	783.8	0.45	-0.21	-1.71	6.1	16.4	
5,501.0	13.43	92.09	5,411.8	-232.5	786.8	0.34	0.00	-1.46	5.8	17.0	
5,515.0	13.48	91.96	5,425.5	-232.6	790.1	0.42	0.36	-0.93	5.4	17.7	
5,529.0	13.60	91.95	5,439.1	-232.7	793.4	0.86	0.86	-0.07	5.0	18.3	
5,542.0	13.77	92.00	5,451.7	-232.8	796.4	1.31	1.31	0.38	4.6	18.9	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
5,556.0	13.96	92.09	5,465.3	-232.9	799.8	1.37	1.36	0.64	4.2	19.6	
5,569.0	14.17	92.19	5,477.9	-233.0	803.0	1.63	1.62	0.77	3.8	20.2	
5,583.0	14.37	92.29	5,491.5	-233.2	806.4	1.44	1.43	0.71	3.3	20.8	
5,596.0	14.58	93.15	5,504.1	-233.3	809.6	2.31	1.62	6.62	3.1	21.4	
5,610.0	14.86	98.66	5,517.6	-233.7	813.2	10.19	2.00	39.36	4.4	21.5	
5,624.0	15.12	102.93	5,531.1	-234.4	816.7	8.10	1.86	30.50	5.3	21.4	
5,637.0	15.31	102.97	5,543.7	-235.1	820.1	1.46	1.46	0.31	4.7	21.4	
5,651.0	15.50	103.00	5,557.2	-236.0	823.7	1.36	1.36	0.21	3.9	21.5	
5,664.0	15.68	103.03	5,569.7	-236.8	827.1	1.39	1.38	0.23	3.2	21.6	
5,678.0	15.85	103.05	5,583.2	-237.6	830.8	1.21	1.21	0.14	2.4	21.7	
5,691.0	15.98	103.06	5,595.7	-238.4	834.3	1.00	1.00	0.08	1.5	21.8	
5,705.0	15.63	104.14	5,609.1	-239.3	838.0	3.27	-2.50	7.71	1.1	21.9	
5,719.0	14.78	107.40	5,622.6	-240.3	841.5	8.61	-6.07	23.29	1.6	21.7	
5,732.0	14.65	108.15	5,635.2	-241.3	844.6	1.77	-1.00	5.77	1.3	21.6	
5,746.0	14.55	108.10	5,648.8	-242.4	848.0	0.72	-0.71	-0.36	0.7	21.4	
5,760.0	14.43	108.03	5,662.3	-243.5	851.3	0.87	-0.86	-0.50	0.2	21.2	
5,774.0	14.30	107.95	5,675.9	-244.6	854.6	0.94	-0.93	-0.57	-0.4	21.1	
5,787.0	14.16	107.88	5,688.5	-245.6	857.7	1.09	-1.08	-0.54	-0.8	20.9	
5,801.0	14.04	107.80	5,702.1	-246.6	860.9	0.87	-0.86	-0.57	-1.3	20.8	
5,815.0	13.94	107.74	5,715.6	-247.6	864.1	0.72	-0.71	-0.43	-1.7	20.6	
5,828.0	13.85	107.67	5,728.3	-248.6	867.1	0.70	-0.69	-0.54	-2.1	20.5	
5,842.0	13.78	107.59	5,741.9	-249.6	870.3	0.52	-0.50	-0.57	-2.5	20.3	
5,855.0	13.72	107.49	5,754.5	-250.5	873.3	0.50	-0.46	-0.77	-2.9	20.2	
5,869.0	13.66	107.37	5,768.1	-251.5	876.4	0.47	-0.43	-0.86	-3.2	20.1	
5,882.0	13.61	107.19	5,780.7	-252.4	879.3	0.50	-0.38	-1.38	-3.6	19.9	
5,896.0	13.57	106.94	5,794.3	-253.4	882.5	0.51	-0.29	-1.79	-4.0	19.8	
5,910.0	13.54	106.57	5,807.9	-254.3	885.6	0.66	-0.21	-2.64	-4.4	19.7	



Final PVA



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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,923.0	13.51	106.12	5,820.6	-255.2	888.5	0.84	-0.23	-3.46	-4.9	19.6
5,937.0	13.49	105.64	5,834.2	-256.1	891.7	0.81	-0.14	-3.43	-5.3	19.5
5,951.0	13.47	105.15	5,847.8	-257.0	894.8	0.83	-0.14	-3.50	-5.8	19.4
5,965.0	13.44	104.67	5,861.4	-257.8	898.0	0.83	-0.21	-3.43	-6.2	19.3
5,978.0	13.40	104.24	5,874.1	-258.6	900.9	0.83	-0.31	-3.31	-6.6	19.3
5,992.0	13.34	103.88	5,887.7	-259.3	904.0	0.73	-0.43	-2.57	-7.0	19.3
6,006.0	13.26	103.66	5,901.3	-260.1	907.2	0.68	-0.57	-1.57	-7.3	19.3
6,019.0	13.16	103.52	5,914.0	-260.8	910.1	0.81	-0.77	-1.08	-7.5	19.4
6,033.0	13.05	103.44	5,927.6	-261.5	913.1	0.80	-0.79	-0.57	-7.7	19.4
6,046.0	12.94	103.40	5,940.3	-262.2	916.0	0.85	-0.85	-0.31	-7.9	19.5
6,060.0	12.82	103.37	5,953.9	-262.9	919.0	0.86	-0.86	-0.21	-8.1	19.6
6,073.0	12.72	103.34	5,966.6	-263.6	921.8	0.77	-0.77	-0.23	-8.2	19.7
6,087.0	12.62	103.30	5,980.3	-264.3	924.8	0.72	-0.71	-0.29	-8.3	19.7
6,101.0	12.55	103.22	5,993.9	-265.0	927.8	0.52	-0.50	-0.57	-8.4	19.8
6,114.0	12.49	103.12	6,006.6	-265.7	930.5	0.49	-0.46	-0.77	-8.5	19.9
6,128.0	12.45	103.04	6,020.3	-266.3	933.5	0.31	-0.29	-0.57	-8.5	19.9
6,141.0	12.41	102.98	6,033.0	-267.0	936.2	0.32	-0.31	-0.46	-8.6	20.0
6,155.0	12.37	102.98	6,046.6	-267.6	939.1	0.29	-0.29	0.00	-8.6	20.1
6,168.0	12.34	103.07	6,059.3	-268.3	941.8	0.27	-0.23	0.69	-8.6	20.2
6,182.0	12.32	103.29	6,073.0	-269.0	944.7	0.36	-0.14	1.57	-8.5	20.3
6,196.0	12.30	103.72	6,086.7	-269.7	947.6	0.67	-0.14	3.07	-8.3	20.5
6,209.0	12.29	104.27	6,099.4	-270.3	950.3	0.90	-0.08	4.23	-8.2	20.6
6,223.0	12.28	104.89	6,113.1	-271.1	953.2	0.94	-0.07	4.43	-8.0	20.7
6,237.0	12.28	105.52	6,126.8	-271.9	956.1	0.96	0.00	4.50	-8.0	20.8
6,251.0	12.27	106.13	6,140.4	-272.7	958.9	0.93	-0.07	4.36	-8.0	20.8
6,264.0	12.27	106.65	6,153.1	-273.4	961.6	0.85	0.00	4.00	-8.0	20.8
6,278.0	11.75	108.98	6,166.8	-274.3	964.4	5.08	-3.71	16.64	-7.5	21.0



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
6,292.0	10.68	114.03	6,180.6	-275.3	966.9	10.37	-7.64	36.07	-5.8	21.3
6,305.0	10.34	115.91	6,193.4	-276.3	969.1	3.71	-2.62	14.46	-5.2	21.0
6,319.0	10.35	115.73	6,207.1	-277.4	971.3	0.24	0.07	-1.29	-5.4	20.6
6,332.0	10.36	115.48	6,219.9	-278.4	973.4	0.35	0.08	-1.92	-5.7	20.1
6,346.0	10.36	115.24	6,233.7	-279.5	975.7	0.31	0.00	-1.71	-6.0	19.7
6,359.0	10.33	115.07	6,246.5	-280.5	977.8	0.33	-0.23	-1.31	-6.3	19.3
6,373.0	9.72	115.21	6,260.3	-281.5	980.0	4.36	-4.36	1.00	-6.6	18.9
6,387.0	9.38	115.43	6,274.1	-282.5	982.1	2.44	-2.43	1.57	-6.8	18.6
6,400.0	9.22	115.77	6,286.9	-283.4	984.0	1.30	-1.23	2.62	-6.9	18.2
6,414.0	9.05	116.19	6,300.7	-284.4	986.0	1.30	-1.21	3.00	-7.0	17.9
6,428.0	8.87	116.69	6,314.5	-285.4	988.0	1.40	-1.29	3.57	-7.2	17.6
6,442.0	8.69	117.21	6,328.4	-286.4	989.9	1.41	-1.29	3.71	-7.3	17.3
6,455.0	8.53	117.73	6,341.2	-287.2	991.6	1.37	-1.23	4.00	-7.5	17.0
6,469.0	7.19	117.14	6,355.1	-288.1	993.3	9.59	-9.57	-4.21	-7.9	16.5
6,483.0	6.45	116.39	6,369.0	-288.9	994.8	5.32	-5.29	-5.36	-8.2	16.1
6,496.0	6.33	116.77	6,381.9	-289.5	996.1	0.98	-0.92	2.92	-8.1	15.8
6,510.0	6.22	117.14	6,395.8	-290.2	997.4	0.84	-0.79	2.64	-8.0	15.6
6,524.0	6.11	117.57	6,409.8	-290.9	998.8	0.85	-0.79	3.07	-8.0	15.3
6,538.0	6.00	118.13	6,423.7	-291.6	1,000.1	0.89	-0.79	4.00	-8.0	15.1
6,551.0	5.81	118.93	6,436.6	-292.2	1,001.3	1.59	-1.46	6.15	-7.9	14.9
6,565.0	4.38	121.20	6,450.6	-292.9	1,002.3	10.31	-10.21	16.21	-7.4	14.9
6,579.0	3.52	117.44	6,464.5	-293.3	1,003.2	6.41	-6.14	-26.86	-8.1	14.1
6,592.0	3.43	120.48	6,477.5	-293.7	1,003.9	1.58	-0.69	23.38	-7.1	14.2
6,606.0	3.36	124.01	6,491.5	-294.2	1,004.6	1.57	-0.50	25.21	-6.1	14.3
6,620.0	3.30	127.82	6,505.5	-294.6	1,005.2	1.64	-0.43	27.21	-5.0	14.3
6,634.0	3.26	131.67	6,519.4	-295.1	1,005.8	1.60	-0.29	27.50	-4.0	14.3
6,647.0	3.13	137.69	6,532.4	-295.7	1,006.3	2.77	-1.00	46.31	-2.6	14.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
6,661.0	2.72	149.53	6,546.4	-296.2	1,006.8	5.20	-2.93	84.57	0.3	14.0
6,675.0	2.67	153.01	6,560.4	-296.8	1,007.1	1.22	-0.36	24.86	0.9	13.4
6,688.0	2.65	156.44	6,573.4	-297.3	1,007.3	1.23	-0.15	26.38	1.5	12.9
6,702.0	2.64	159.84	6,587.3	-297.9	1,007.6	1.12	-0.07	24.29	1.9	12.3
6,715.0	2.66	163.15	6,600.3	-298.5	1,007.8	1.19	0.15	25.46	2.3	11.8
6,729.0	2.71	166.32	6,614.3	-299.1	1,008.0	1.12	0.36	22.64	2.5	11.2
6,742.0	2.60	173.27	6,627.3	-299.7	1,008.1	2.62	-0.85	53.46	3.4	10.5
6,756.0	2.04	202.75	6,641.3	-300.3	1,008.0	9.28	-4.00	210.57	7.6	7.3
6,770.0	2.10	215.47	6,655.3	-300.7	1,007.8	3.30	0.43	90.86	8.4	5.3
6,783.0	2.36	219.68	6,668.3	-301.1	1,007.4	2.36	2.00	32.38	8.2	4.5
6,797.0	2.66	223.19	6,682.3	-301.6	1,007.0	2.41	2.14	25.07	7.8	3.9
6,811.0	2.96	226.10	6,696.2	-302.1	1,006.6	2.37	2.14	20.79	7.3	3.5
6,825.0	3.24	228.53	6,710.2	-302.6	1,006.0	2.21	2.00	17.36	6.7	3.2
6,838.0	3.34	231.10	6,723.2	-303.1	1,005.4	1.37	0.77	19.77	6.0	2.9
6,852.0	2.12	239.54	6,737.2	-303.4	1,004.9	9.15	-8.71	60.29	5.7	2.0
6,866.0	2.19	242.83	6,751.2	-303.7	1,004.4	1.02	0.50	23.50	5.3	1.7
6,879.0	2.22	245.93	6,764.2	-303.9	1,004.0	0.95	0.23	23.85	4.9	1.5
6,893.0	2.22	248.92	6,778.2	-304.1	1,003.5	0.83	0.00	21.36	4.4	1.2
6,906.0	2.22	251.80	6,791.1	-304.3	1,003.0	0.86	0.00	22.15	4.0	1.0
6,920.0	2.21	254.53	6,805.1	-304.5	1,002.5	0.76	-0.07	19.50	3.5	0.8
6,933.0	2.03	260.71	6,818.1	-304.6	1,002.0	2.24	-1.38	47.54	3.1	0.5
6,947.0	1.27	311.42	6,832.1	-304.5	1,001.7	11.22	-5.43	362.21	2.0	-1.9
6,961.0	0.79	4.80	6,846.1	-304.3	1,001.5	7.28	-3.43	381.29	-0.5	-2.6
6,974.0	0.89	8.34	6,859.1	-304.1	1,001.6	0.87	0.77	27.23	-0.9	-2.6
6,988.0	1.00	11.15	6,873.1	-303.9	1,001.6	0.85	0.79	20.07	-1.2	-2.5
7,002.0	1.10	13.42	6,887.1	-303.6	1,001.7	0.77	0.71	16.21	-1.6	-2.5
7,016.0	1.21	15.30	6,901.1	-303.4	1,001.7	0.83	0.79	13.43	-1.9	-2.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
7,029.0	1.32	16.87	6,914.1	-303.1	1,001.8	0.89	0.85	12.08	-2.3	-2.3	
7,043.0	0.81	36.81	6,928.1	-302.8	1,001.9	4.45	-3.64	142.43	-3.2	-1.4	
7,057.0	0.66	52.86	6,942.1	-302.7	1,002.0	1.81	-1.07	114.64	-3.6	-0.4	
7,070.0	0.74	57.23	6,955.1	-302.6	1,002.2	0.74	0.62	33.62	-3.8	-0.1	
7,084.0	0.83	60.71	6,969.1	-302.5	1,002.3	0.73	0.64	24.86	-4.0	0.1	
7,098.0	0.92	63.53	6,983.1	-302.4	1,002.5	0.71	0.64	20.14	-4.2	0.3	
7,112.0	1.01	65.85	6,997.1	-302.3	1,002.7	0.70	0.64	16.57	-4.4	0.5	
7,125.0	1.10	67.79	7,010.1	-302.2	1,003.0	0.74	0.69	14.92	-4.7	0.7	
7,139.0	1.19	69.43	7,024.1	-302.1	1,003.2	0.68	0.64	11.71	-4.9	0.8	
7,153.0	1.21	68.68	7,038.1	-302.0	1,003.5	0.18	0.14	-5.36	-5.2	0.7	
7,166.0	1.24	67.49	7,051.1	-301.9	1,003.8	0.30	0.23	-9.15	-5.5	0.6	
7,180.0	1.26	66.08	7,065.1	-301.8	1,004.0	0.26	0.14	-10.07	-5.8	0.5	
7,193.0	1.29	64.58	7,078.1	-301.7	1,004.3	0.35	0.23	-11.54	-6.1	0.3	
7,207.0	1.31	63.10	7,092.1	-301.5	1,004.6	0.28	0.14	-10.57	-6.4	0.2	
7,220.0	1.34	61.74	7,105.1	-301.4	1,004.8	0.33	0.23	-10.46	-6.8	0.0	
7,234.0	1.36	60.58	7,119.1	-301.2	1,005.1	0.24	0.14	-8.29	-7.1	-0.1	
7,248.0	1.36	59.62	7,133.1	-301.1	1,005.4	0.16	0.00	-6.86	-7.4	-0.3	
7,261.0	1.36	58.93	7,146.1	-300.9	1,005.7	0.13	0.00	-5.31	-7.7	-0.4	
7,275.0	1.35	58.45	7,160.1	-300.7	1,006.0	0.11	-0.07	-3.43	-8.0	-0.4	
7,289.0	1.34	58.15	7,174.1	-300.6	1,006.3	0.09	-0.07	-2.14	-8.4	-0.5	
7,303.0	1.34	58.04	7,188.1	-300.4	1,006.5	0.02	0.00	-0.79	-8.7	-0.5	
7,316.0	1.33	58.17	7,201.0	-300.2	1,006.8	0.08	-0.08	1.00	-9.0	-0.5	
7,330.0	1.31	58.63	7,215.0	-300.1	1,007.1	0.16	-0.14	3.29	-9.3	-0.4	
7,344.0	1.30	59.63	7,229.0	-299.9	1,007.3	0.18	-0.07	7.14	-9.6	-0.2	
7,357.0	1.29	61.03	7,242.0	-299.8	1,007.6	0.26	-0.08	10.77	-9.9	0.0	
7,371.0	1.28	62.79	7,256.0	-299.6	1,007.9	0.29	-0.07	12.57	-10.3	0.3	
7,384.0	1.29	64.89	7,269.0	-299.5	1,008.1	0.37	0.08	16.15	-10.5	0.7	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
7,398.0	1.31	67.34	7,283.0	-299.4	1,008.4	0.42	0.14	17.50	-10.8	1.2	
7,411.0	1.36	70.13	7,296.0	-299.3	1,008.7	0.63	0.38	21.46	-11.0	1.7	
7,425.0	1.45	73.20	7,310.0	-299.1	1,009.0	0.84	0.64	21.93	-11.3	2.3	
7,439.0	1.59	77.67	7,324.0	-299.1	1,009.4	1.31	1.00	31.93	-11.4	3.2	
7,452.0	1.70	82.83	7,337.0	-299.0	1,009.8	1.42	0.85	39.69	-11.5	4.2	
7,466.0	1.31	119.42	7,351.0	-299.0	1,010.1	7.25	-2.79	261.36	-7.0	10.3	
7,479.0	1.92	152.54	7,364.0	-299.3	1,010.3	8.39	4.69	254.77	-0.6	12.6	
7,493.0	2.14	151.55	7,378.0	-299.7	1,010.6	1.59	1.57	-7.07	-1.3	12.6	
7,506.0	2.37	150.30	7,391.0	-300.2	1,010.8	1.81	1.77	-9.62	-2.1	12.5	
7,520.0	2.55	149.28	7,405.0	-300.7	1,011.1	1.32	1.29	-7.29	-2.9	12.5	
7,534.0	2.63	148.28	7,419.0	-301.3	1,011.4	0.66	0.57	-7.14	-3.7	12.4	
7,547.0	2.64	147.91	7,431.9	-301.8	1,011.8	0.15	0.08	-2.85	-4.4	12.4	
7,561.0	2.62	147.95	7,445.9	-302.3	1,012.1	0.14	-0.14	0.29	-5.1	12.4	
7,575.0	2.58	148.25	7,459.9	-302.8	1,012.4	0.30	-0.29	2.14	-5.6	12.4	
7,589.0	2.52	148.75	7,473.9	-303.4	1,012.8	0.46	-0.43	3.57	-6.1	12.5	
7,602.0	2.47	149.37	7,486.9	-303.9	1,013.1	0.44	-0.38	4.77	-6.6	12.6	
7,616.0	2.41	150.08	7,500.9	-304.4	1,013.4	0.48	-0.43	5.07	-7.0	12.6	
7,630.0	2.37	150.71	7,514.9	-304.9	1,013.6	0.34	-0.29	4.50	-7.5	12.7	
7,643.0	2.34	151.37	7,527.8	-305.3	1,013.9	0.31	-0.23	5.08	-7.8	12.8	
7,657.0	2.31	152.07	7,541.8	-305.8	1,014.2	0.30	-0.21	5.00	-8.2	12.9	
7,671.0	2.28	152.81	7,555.8	-306.3	1,014.4	0.30	-0.21	5.29	-8.6	13.0	
7,685.0	2.26	153.60	7,569.8	-306.8	1,014.7	0.27	-0.14	5.64	-9.0	13.1	
7,698.0	2.25	154.45	7,582.8	-307.3	1,014.9	0.27	-0.08	6.54	-9.3	13.3	
7,712.0	2.24	155.38	7,596.8	-307.8	1,015.1	0.27	-0.07	6.64	-9.7	13.4	
7,726.0	2.23	156.42	7,610.8	-308.3	1,015.4	0.30	-0.07	7.43	-10.0	13.6	
7,739.0	2.22	157.51	7,623.8	-308.8	1,015.6	0.33	-0.08	8.38	-10.2	13.8	
7,753.0	2.22	158.61	7,637.8	-309.3	1,015.8	0.30	0.00	7.86	-10.5	14.0	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
7,766.0	2.22	159.66	7,650.8	-309.7	1,015.9	0.31	0.00	8.08	-10.7	14.2
7,780.0	2.22	160.59	7,664.7	-310.2	1,016.1	0.26	0.00	6.64	-11.0	14.4
7,793.0	2.22	161.35	7,677.7	-310.7	1,016.3	0.23	0.00	5.85	-11.4	14.5
7,807.0	2.22	161.83	7,691.7	-311.2	1,016.5	0.13	0.00	3.43	-11.8	14.6
7,821.0	2.21	161.82	7,705.7	-311.7	1,016.6	0.07	-0.07	-0.07	-12.3	14.6
7,834.0	2.19	161.53	7,718.7	-312.2	1,016.8	0.18	-0.15	-2.23	-12.9	14.5
7,848.0	2.18	161.05	7,732.7	-312.7	1,017.0	0.15	-0.07	-3.43	-13.5	14.4
7,862.0	2.17	160.50	7,746.7	-313.2	1,017.1	0.17	-0.07	-3.93	-14.2	14.3
7,876.0	2.16	159.93	7,760.7	-313.7	1,017.3	0.17	-0.07	-4.07	-14.9	14.2
7,889.0	2.15	159.45	7,773.7	-314.2	1,017.5	0.16	-0.08	-3.69	-15.5	14.0
7,903.0	2.13	159.14	7,787.7	-314.7	1,017.7	0.17	-0.14	-2.21	-16.1	13.9
7,917.0	2.13	159.19	7,801.6	-315.2	1,017.8	0.01	0.00	0.36	-16.6	14.0
7,930.0	2.12	159.48	7,814.6	-315.6	1,018.0	0.11	-0.08	2.23	-17.0	14.0
7,944.0	2.12	159.93	7,828.6	-316.1	1,018.2	0.12	0.00	3.21	-17.4	14.2
7,958.0	2.12	160.54	7,842.6	-316.6	1,018.4	0.16	0.00	4.36	-17.8	14.4
7,972.0	2.12	161.31	7,856.6	-317.1	1,018.5	0.20	0.00	5.50	-18.1	14.6
7,985.0	2.12	162.27	7,869.6	-317.5	1,018.7	0.27	0.00	7.38	-18.3	14.9
7,999.0	2.13	163.48	7,883.6	-318.0	1,018.8	0.33	0.07	8.64	-18.5	15.3
8,013.0	2.15	165.10	7,897.6	-318.5	1,019.0	0.46	0.14	11.57	-18.6	15.8
8,026.0	2.16	166.69	7,910.6	-319.0	1,019.1	0.47	0.08	12.23	-18.7	16.4
8,040.0	2.17	167.90	7,924.6	-319.5	1,019.2	0.33	0.07	8.64	-18.8	16.7
8,053.0	2.15	168.32	7,937.5	-320.0	1,019.3	0.20	-0.15	3.23	-19.2	16.9
8,067.0	2.10	167.14	7,951.5	-320.5	1,019.4	0.47	-0.36	-8.43	-20.1	16.5
8,080.0	2.05	165.47	7,964.5	-321.0	1,019.5	0.60	-0.38	-12.85	-21.0	15.9
8,094.0	1.99	163.77	7,978.5	-321.4	1,019.7	0.61	-0.43	-12.14	-22.0	15.2
8,108.0	1.94	162.87	7,992.5	-321.9	1,019.8	0.42	-0.36	-6.43	-22.7	14.9
8,121.0	1.90	162.33	8,005.5	-322.3	1,019.9	0.34	-0.31	-4.15	-23.3	14.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
8,135.0	1.87	162.03	8,019.5	-322.8	1,020.1	0.23	-0.21	-2.14	-23.8	14.6
8,148.0	1.83	161.89	8,032.5	-323.2	1,020.2	0.31	-0.31	-1.08	-24.3	14.5
8,162.0	1.81	161.86	8,046.5	-323.6	1,020.4	0.14	-0.14	-0.21	-24.7	14.5
8,175.0	1.78	161.91	8,059.5	-324.0	1,020.5	0.23	-0.23	0.38	-25.1	14.5
8,189.0	1.77	162.00	8,073.5	-324.4	1,020.6	0.07	-0.07	0.64	-25.5	14.5
8,203.0	1.76	162.10	8,087.5	-324.8	1,020.7	0.07	-0.07	0.71	-25.9	14.6
8,216.0	1.76	162.23	8,100.5	-325.2	1,020.9	0.03	0.00	1.00	-26.3	14.6
8,230.0	1.76	162.39	8,114.5	-325.6	1,021.0	0.04	0.00	1.14	-26.7	14.7
8,243.0	1.77	162.58	8,127.4	-326.0	1,021.1	0.09	0.08	1.46	-27.0	14.8
8,257.0	1.78	162.83	8,141.4	-326.4	1,021.2	0.09	0.07	1.79	-27.4	14.9
8,270.0	1.79	163.16	8,154.4	-326.8	1,021.4	0.11	0.08	2.54	-27.7	15.1
8,284.0	1.80	163.58	8,168.4	-327.2	1,021.5	0.12	0.07	3.00	-28.0	15.3
8,298.0	1.82	164.19	8,182.4	-327.6	1,021.6	0.20	0.14	4.36	-28.3	15.6
8,311.0	1.83	164.89	8,195.4	-328.0	1,021.7	0.19	0.08	5.38	-28.5	15.9
8,325.0	1.85	165.61	8,209.4	-328.4	1,021.8	0.22	0.14	5.14	-28.8	16.3
8,339.0	1.86	166.31	8,223.4	-328.9	1,021.9	0.18	0.07	5.00	-29.0	16.7
8,353.0	1.88	166.94	8,237.4	-329.3	1,022.1	0.20	0.14	4.50	-29.3	17.0
8,366.0	1.89	167.47	8,250.4	-329.7	1,022.1	0.15	0.08	4.08	-29.6	17.2
8,380.0	1.90	167.81	8,264.4	-330.2	1,022.2	0.11	0.07	2.43	-29.9	17.4
8,394.0	1.91	167.87	8,278.4	-330.6	1,022.3	0.07	0.07	0.43	-30.4	17.5
8,407.0	1.91	167.75	8,291.4	-331.1	1,022.4	0.03	0.00	-0.92	-30.9	17.4
8,421.0	1.90	167.53	8,305.4	-331.5	1,022.5	0.09	-0.07	-1.57	-31.4	17.3
8,435.0	1.90	167.26	8,319.3	-332.0	1,022.6	0.06	0.00	-1.93	-31.9	17.1
8,449.0	1.90	167.02	8,333.3	-332.4	1,022.7	0.06	0.00	-1.71	-32.5	17.0
8,462.0	1.89	166.84	8,346.3	-332.8	1,022.8	0.09	-0.08	-1.38	-33.0	16.9
8,476.0	1.89	166.81	8,360.3	-333.3	1,022.9	0.01	0.00	-0.21	-33.4	16.9
8,490.0	1.89	167.03	8,374.3	-333.7	1,023.0	0.05	0.00	1.57	-33.8	17.0



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
8,503.0	1.89	167.41	8,387.3	-334.2	1,023.1	0.10	0.00	2.92	-34.1	17.2
8,517.0	1.90	167.89	8,401.3	-334.6	1,023.2	0.13	0.07	3.43	-34.5	17.5
8,530.0	1.90	168.43	8,414.3	-335.0	1,023.3	0.14	0.00	4.15	-34.7	17.8
8,544.0	1.90	169.00	8,428.3	-335.5	1,023.4	0.13	0.00	4.07	-35.0	18.2
8,557.0	1.89	169.59	8,441.3	-335.9	1,023.5	0.17	-0.08	4.54	-35.2	18.5
8,571.0	1.88	170.18	8,455.3	-336.4	1,023.6	0.16	-0.07	4.21	-35.5	18.9
8,585.0	1.86	170.74	8,469.3	-336.8	1,023.7	0.19	-0.14	4.00	-35.8	19.3
8,598.0	1.83	171.28	8,482.3	-337.2	1,023.7	0.27	-0.23	4.15	-36.0	19.6
8,612.0	1.79	171.79	8,496.2	-337.7	1,023.8	0.31	-0.29	3.64	-36.3	19.9
8,626.0	1.76	172.26	8,510.2	-338.1	1,023.8	0.24	-0.21	3.36	-36.6	20.2
8,640.0	1.73	172.65	8,524.2	-338.5	1,023.9	0.23	-0.21	2.79	-36.8	20.5
8,653.0	1.71	172.92	8,537.2	-338.9	1,024.0	0.17	-0.15	2.08	-37.1	20.6
8,667.0	1.69	173.00	8,551.2	-339.3	1,024.0	0.14	-0.14	0.57	-37.5	20.7
8,681.0	1.70	172.78	8,565.2	-339.7	1,024.1	0.09	0.07	-1.57	-38.0	20.5
8,694.0	1.71	172.40	8,578.2	-340.1	1,024.1	0.12	0.08	-2.92	-38.5	20.3
8,708.0	1.73	171.92	8,592.2	-340.5	1,024.2	0.18	0.14	-3.43	-39.1	20.0
8,722.0	1.76	171.40	8,606.2	-341.0	1,024.2	0.24	0.21	-3.71	-39.7	19.6
8,736.0	1.79	170.89	8,620.2	-341.4	1,024.3	0.24	0.21	-3.64	-40.3	19.3
8,749.0	1.81	170.43	8,633.2	-341.8	1,024.4	0.19	0.15	-3.54	-40.9	18.9
8,763.0	1.84	170.06	8,647.2	-342.2	1,024.4	0.23	0.21	-2.64	-41.5	18.7
8,777.0	1.85	169.79	8,661.2	-342.7	1,024.5	0.09	0.07	-1.93	-42.0	18.5
8,790.0	1.87	169.60	8,674.2	-343.1	1,024.6	0.16	0.15	-1.46	-42.5	18.3
8,804.0	1.88	169.46	8,688.2	-343.5	1,024.7	0.08	0.07	-1.00	-43.0	18.2
8,817.0	1.88	169.33	8,701.2	-344.0	1,024.7	0.03	0.00	-1.00	-43.5	18.1
8,831.0	1.88	169.19	8,715.1	-344.4	1,024.8	0.03	0.00	-1.00	-44.0	18.0
8,844.0	1.88	169.00	8,728.1	-344.8	1,024.9	0.05	0.00	-1.46	-44.4	17.9
8,858.0	1.86	168.71	8,742.1	-345.3	1,025.0	0.16	-0.14	-2.07	-45.0	17.6



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
8,872.0	1.84	168.28	8,756.1	-345.7	1,025.1	0.17	-0.14	-3.07	-45.6	17.3
8,885.0	1.80	167.74	8,769.1	-346.1	1,025.2	0.33	-0.31	-4.15	-46.2	16.9
8,899.0	1.76	167.14	8,783.1	-346.5	1,025.3	0.32	-0.29	-4.29	-46.8	16.4
8,913.0	1.71	166.52	8,797.1	-347.0	1,025.4	0.38	-0.36	-4.43	-47.4	15.9
8,927.0	1.66	165.90	8,811.1	-347.4	1,025.5	0.38	-0.36	-4.43	-47.9	15.4
8,940.0	1.62	165.36	8,824.1	-347.7	1,025.6	0.33	-0.31	-4.15	-48.5	14.9
8,954.0	1.57	164.97	8,838.1	-348.1	1,025.7	0.37	-0.36	-2.79	-48.9	14.6
8,969.0	1.52	165.01	8,853.1	-348.5	1,025.8	0.33	-0.33	0.27	-49.3	14.6
8,983.0	1.48	165.28	8,867.1	-348.8	1,025.9	0.29	-0.29	1.93	-49.6	14.8
8,998.0	1.43	165.73	8,882.1	-349.2	1,026.0	0.34	-0.33	3.00	-49.9	15.2
9,012.0	1.39	166.31	8,896.1	-349.5	1,026.0	0.30	-0.29	4.14	-50.1	15.7
9,027.0	1.35	166.98	8,911.1	-349.9	1,026.1	0.29	-0.27	4.47	-50.3	16.3
9,041.0	1.31	167.72	8,925.1	-350.2	1,026.2	0.31	-0.29	5.29	-50.4	17.0
9,056.0	1.27	168.52	8,940.1	-350.5	1,026.3	0.29	-0.27	5.33	-50.5	17.7
9,070.0	1.23	169.35	8,954.1	-350.8	1,026.3	0.31	-0.29	5.93	-50.5	18.4
9,085.0	1.20	170.19	8,969.0	-351.2	1,026.4	0.23	-0.20	5.60	-50.6	19.1
9,099.0	1.17	170.98	8,983.0	-351.4	1,026.4	0.24	-0.21	5.64	-50.6	19.8
9,114.0	1.14	171.69	8,998.0	-351.7	1,026.5	0.22	-0.20	4.73	-50.6	20.5
9,128.0	1.12	172.20	9,012.0	-352.0	1,026.5	0.16	-0.14	3.64	-50.7	20.9
9,143.0	1.11	172.40	9,027.0	-352.3	1,026.5	0.07	-0.07	1.33	-50.9	21.1
9,157.0	1.11	172.09	9,041.0	-352.6	1,026.6	0.04	0.00	-2.21	-51.3	20.8
9,170.0	1.12	171.57	9,054.0	-352.8	1,026.6	0.11	0.08	-4.00	-51.8	20.4
9,184.0	1.13	170.91	9,068.0	-353.1	1,026.7	0.12	0.07	-4.71	-52.3	19.8
9,198.0	1.15	170.19	9,082.0	-353.4	1,026.7	0.18	0.14	-5.14	-52.8	19.1
9,212.0	1.16	169.43	9,096.0	-353.6	1,026.8	0.13	0.07	-5.43	-53.3	18.4
9,225.0	1.23	168.31	9,109.0	-353.9	1,026.8	0.57	0.54	-8.62	-53.9	17.3
9,239.0	1.29	167.85	9,123.0	-354.2	1,026.9	0.43	0.43	-3.29	-54.4	16.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,253.0	1.26	167.14	9,137.0	-354.5	1,026.9	0.24	-0.21	-5.07	-54.9	16.2
9,266.0	1.23	166.36	9,150.0	-354.8	1,027.0	0.27	-0.23	-6.00	-55.4	15.5
9,280.0	1.19	165.45	9,164.0	-355.1	1,027.1	0.32	-0.29	-6.50	-55.9	14.6
9,293.0	1.16	164.40	9,177.0	-355.3	1,027.1	0.28	-0.23	-8.08	-56.5	13.6
9,307.0	1.13	163.14	9,191.0	-355.6	1,027.2	0.28	-0.21	-9.00	-57.0	12.3
9,320.0	1.12	161.66	9,204.0	-355.8	1,027.3	0.24	-0.08	-11.38	-57.6	10.8
9,334.0	1.13	159.94	9,218.0	-356.1	1,027.4	0.25	0.07	-12.29	-58.2	9.1
9,348.0	1.17	157.70	9,232.0	-356.4	1,027.5	0.43	0.29	-16.00	-58.7	6.8
9,361.0	1.23	155.31	9,245.0	-356.6	1,027.6	0.60	0.46	-18.38	-59.2	4.4
9,375.0	1.30	152.86	9,259.0	-356.9	1,027.7	0.63	0.50	-17.50	-59.7	1.8
9,388.0	1.46	180.15	9,272.0	-357.2	1,027.8	5.15	1.23	209.92	-52.5	29.0
9,402.0	1.65	188.16	9,286.0	-357.6	1,027.8	2.06	1.36	57.21	-48.3	36.1
9,415.0	1.69	185.61	9,299.0	-357.9	1,027.7	0.65	0.31	-19.62	-50.3	33.9
9,429.0	1.72	183.17	9,313.0	-358.4	1,027.7	0.56	0.21	-17.43	-52.1	31.7
9,443.0	1.69	181.27	9,327.0	-358.8	1,027.7	0.46	-0.21	-13.57	-53.5	30.0
9,456.0	1.63	179.80	9,340.0	-359.2	1,027.7	0.57	-0.46	-11.31	-54.6	28.6
9,470.0	1.56	178.65	9,353.9	-359.5	1,027.7	0.55	-0.50	-8.21	-55.5	27.5
9,483.0	1.49	177.82	9,366.9	-359.9	1,027.7	0.56	-0.54	-6.38	-56.1	26.7
9,497.0	1.42	177.38	9,380.9	-360.2	1,027.7	0.51	-0.50	-3.14	-56.5	26.3
9,510.0	1.37	177.48	9,393.9	-360.6	1,027.7	0.39	-0.38	0.77	-56.6	26.4
9,524.0	1.33	178.36	9,407.9	-360.9	1,027.7	0.32	-0.29	6.29	-56.3	27.3
9,538.0	1.32	180.37	9,421.9	-361.2	1,027.7	0.34	-0.07	14.36	-55.4	29.3
9,551.0	1.33	183.05	9,434.9	-361.5	1,027.7	0.48	0.08	20.62	-54.0	31.9
9,565.0	1.36	186.04	9,448.9	-361.8	1,027.7	0.55	0.21	21.36	-52.3	34.7
9,578.0	1.40	189.09	9,461.9	-362.1	1,027.7	0.64	0.31	23.46	-50.4	37.5
9,592.0	1.44	192.06	9,475.9	-362.5	1,027.6	0.60	0.29	21.21	-48.3	40.0
9,605.0	1.47	194.88	9,488.9	-362.8	1,027.5	0.60	0.23	21.69	-46.3	42.3



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,619.0	1.49	197.56	9,502.9	-363.2	1,027.4	0.51	0.14	19.14	-44.2	44.3
9,633.0	1.45	199.77	9,516.9	-363.5	1,027.3	0.50	-0.29	15.79	-42.3	45.9
9,646.0	1.39	201.72	9,529.9	-363.8	1,027.2	0.59	-0.46	15.00	-40.6	47.2
9,660.0	1.32	203.56	9,543.9	-364.1	1,027.1	0.59	-0.50	13.14	-38.8	48.4
9,674.0	1.24	205.40	9,557.9	-364.4	1,026.9	0.64	-0.57	13.14	-37.0	49.4
9,688.0	1.17	207.28	9,571.9	-364.7	1,026.8	0.57	-0.50	13.43	-35.1	50.4
9,701.0	1.10	209.23	9,584.9	-364.9	1,026.7	0.61	-0.54	15.00	-33.1	51.3
9,715.0	1.05	211.20	9,598.9	-365.1	1,026.6	0.44	-0.36	14.07	-30.9	52.2
9,730.0	1.07	218.17	9,613.9	-365.3	1,026.4	0.87	0.13	46.47	-24.0	55.2
9,744.0	1.14	223.09	9,627.9	-365.5	1,026.2	0.84	0.50	35.14	-18.8	56.6
9,759.0	1.22	227.39	9,642.9	-365.8	1,026.0	0.80	0.53	28.67	-14.2	57.3
9,774.0	1.30	231.16	9,657.9	-366.0	1,025.7	0.77	0.53	25.13	-10.1	57.6
9,788.0	1.39	234.46	9,671.9	-366.2	1,025.5	0.85	0.64	23.57	-6.6	57.5
9,803.0	1.48	237.35	9,686.9	-366.4	1,025.2	0.77	0.60	19.27	-3.5	57.1
9,818.0	1.58	239.89	9,701.9	-366.6	1,024.8	0.81	0.67	16.93	-0.9	56.6
9,833.0	1.68	242.14	9,716.8	-366.8	1,024.5	0.79	0.67	15.00	1.4	55.9
9,847.0	1.78	244.13	9,730.8	-367.0	1,024.1	0.83	0.71	14.21	3.4	55.2
9,862.0	1.88	245.91	9,745.8	-367.2	1,023.6	0.77	0.67	11.87	5.0	54.4
9,877.0	1.99	247.49	9,760.8	-367.4	1,023.2	0.81	0.73	10.53	6.4	53.5
9,891.0	2.09	248.92	9,774.8	-367.6	1,022.7	0.80	0.71	10.21	7.7	52.6
9,906.0	2.20	250.21	9,789.8	-367.8	1,022.2	0.80	0.73	8.60	8.7	51.7
9,920.0	2.22	248.60	9,803.8	-368.0	1,021.7	0.47	0.14	-11.50	7.0	51.3
9,933.0	2.25	246.74	9,816.8	-368.2	1,021.2	0.60	0.23	-14.31	5.2	50.8
9,947.0	2.28	244.75	9,830.8	-368.4	1,020.7	0.60	0.21	-14.21	3.3	50.3
9,961.0	2.32	242.72	9,844.8	-368.6	1,020.2	0.65	0.29	-14.50	1.4	49.8
9,975.0	2.35	240.67	9,858.8	-368.9	1,019.7	0.63	0.21	-14.64	-0.4	49.2
9,988.0	2.38	238.62	9,871.7	-369.2	1,019.2	0.69	0.23	-15.77	-2.3	48.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
10,002.0	2.40	236.54	9,885.7	-369.5	1,018.8	0.64	0.14	-14.86	-4.1	47.8	
10,016.0	2.38	234.49	9,899.7	-369.8	1,018.3	0.63	-0.14	-14.64	-5.9	47.1	
10,029.0	2.34	232.45	9,912.7	-370.1	1,017.8	0.72	-0.31	-15.69	-7.5	46.3	
10,043.0	2.29	230.44	9,926.7	-370.5	1,017.4	0.68	-0.36	-14.36	-9.2	45.5	
10,056.0	2.23	228.47	9,939.7	-370.8	1,017.0	0.75	-0.46	-15.15	-10.7	44.7	
10,070.0	2.17	226.61	9,953.7	-371.2	1,016.6	0.67	-0.43	-13.29	-12.0	43.8	
10,083.0	2.10	224.94	9,966.7	-371.5	1,016.3	0.72	-0.54	-12.85	-13.2	43.0	
10,097.0	2.01	223.61	9,980.7	-371.9	1,015.9	0.73	-0.64	-9.50	-14.1	42.2	
10,111.0	2.33	200.91	9,994.6	-372.3	1,015.6	6.50	2.29	-162.14	-29.0	33.3	
10,124.0	2.50	193.50	10,007.6	-372.8	1,015.5	2.73	1.31	-57.00	-32.9	29.1	
10,138.0	2.37	194.09	10,021.6	-373.4	1,015.3	0.95	-0.93	4.21	-32.4	29.4	
10,152.0	2.23	194.98	10,035.6	-374.0	1,015.2	1.03	-1.00	6.36	-31.8	29.8	
10,166.0	2.11	196.10	10,049.6	-374.5	1,015.1	0.91	-0.86	8.00	-30.9	30.3	
10,179.0	2.00	197.32	10,062.6	-374.9	1,014.9	0.91	-0.85	9.38	-30.0	30.8	
10,193.0	1.93	198.46	10,076.6	-375.4	1,014.8	0.57	-0.50	8.14	-29.1	31.3	
10,207.0	1.92	199.07	10,090.6	-375.8	1,014.6	0.16	-0.07	4.36	-28.5	31.5	
10,220.0	1.94	199.61	10,103.6	-376.2	1,014.5	0.21	0.15	4.15	-27.9	31.6	
10,234.0	1.98	200.13	10,117.6	-376.7	1,014.3	0.31	0.29	3.71	-27.4	31.7	
10,247.0	2.03	200.68	10,130.6	-377.1	1,014.2	0.41	0.38	4.23	-26.8	31.8	
10,261.0	2.09	201.32	10,144.5	-377.6	1,014.0	0.46	0.43	4.57	-26.2	31.9	
10,274.0	2.15	202.11	10,157.5	-378.0	1,013.8	0.51	0.46	6.08	-25.5	32.1	
10,288.0	2.20	203.15	10,171.5	-378.5	1,013.6	0.45	0.36	7.43	-24.7	32.3	
10,302.0	2.23	204.68	10,185.5	-379.0	1,013.4	0.47	0.21	10.93	-23.7	32.8	
10,315.0	2.25	206.43	10,198.5	-379.5	1,013.2	0.55	0.15	13.46	-22.5	33.2	
10,329.0	2.26	208.27	10,212.5	-380.0	1,012.9	0.52	0.07	13.14	-21.2	33.7	
10,342.0	2.27	210.11	10,225.5	-380.4	1,012.7	0.56	0.08	14.15	-20.0	34.1	
10,356.0	2.28	211.83	10,239.5	-380.9	1,012.4	0.49	0.07	12.29	-18.8	34.4	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,369.0	2.28	213.32	10,252.5	-381.3	1,012.1	0.46	0.00	11.46	-17.7	34.5
10,383.0	2.28	214.40	10,266.5	-381.8	1,011.8	0.31	0.00	7.71	-17.0	34.5
10,397.0	2.26	214.73	10,280.4	-382.2	1,011.5	0.17	-0.14	2.36	-16.6	34.3
10,410.0	2.24	214.63	10,293.4	-382.7	1,011.2	0.16	-0.15	-0.77	-16.5	33.9
10,424.0	2.22	214.27	10,307.4	-383.1	1,010.9	0.17	-0.14	-2.57	-16.6	33.5
10,438.0	2.21	213.82	10,321.4	-383.6	1,010.6	0.14	-0.07	-3.21	-16.7	33.0
10,452.0	2.19	213.41	10,335.4	-384.0	1,010.3	0.18	-0.14	-2.93	-16.8	32.5
10,465.0	2.18	213.17	10,348.4	-384.4	1,010.0	0.10	-0.08	-1.85	-16.8	32.1
10,479.0	2.17	213.30	10,362.4	-384.9	1,009.7	0.08	-0.07	0.93	-16.5	31.8
10,493.0	2.17	214.05	10,376.4	-385.3	1,009.4	0.20	0.00	5.36	-15.9	31.7
10,506.0	2.18	215.17	10,389.4	-385.7	1,009.1	0.34	0.08	8.62	-15.2	31.7
10,520.0	2.20	216.53	10,403.3	-386.1	1,008.8	0.40	0.14	9.71	-14.2	31.7
10,534.0	2.22	218.01	10,417.3	-386.6	1,008.5	0.43	0.14	10.57	-13.3	31.7
10,548.0	2.24	219.56	10,431.3	-387.0	1,008.2	0.45	0.14	11.07	-12.3	31.6
10,561.0	2.26	221.12	10,444.3	-387.4	1,007.8	0.50	0.15	12.00	-11.4	31.5
10,575.0	2.28	222.66	10,458.3	-387.8	1,007.4	0.46	0.14	11.00	-10.4	31.4
10,589.0	2.29	224.17	10,472.3	-388.2	1,007.1	0.44	0.07	10.79	-9.5	31.2
10,602.0	2.29	225.66	10,485.3	-388.6	1,006.7	0.46	0.00	11.46	-8.7	31.0
10,616.0	2.30	227.13	10,499.3	-389.0	1,006.3	0.43	0.07	10.50	-7.8	30.7
10,629.0	2.32	228.60	10,512.3	-389.3	1,005.9	0.48	0.15	11.31	-7.0	30.5
10,643.0	2.34	230.08	10,526.3	-389.7	1,005.5	0.45	0.14	10.57	-6.2	30.1
10,656.0	2.38	231.56	10,539.2	-390.0	1,005.1	0.56	0.31	11.38	-5.4	29.8
10,670.0	2.44	233.05	10,553.2	-390.4	1,004.6	0.62	0.43	10.64	-4.7	29.4
10,684.0	2.54	234.75	10,567.2	-390.7	1,004.1	0.89	0.71	12.14	-3.9	28.9
10,697.0	2.65	236.40	10,580.2	-391.1	1,003.6	1.02	0.85	12.69	-3.2	28.5
10,711.0	2.76	237.93	10,594.2	-391.4	1,003.1	0.94	0.79	10.93	-2.6	28.0
10,724.0	2.88	239.29	10,607.2	-391.8	1,002.5	1.06	0.92	10.46	-2.1	27.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,738.0	2.99	240.49	10,621.2	-392.1	1,001.9	0.90	0.79	8.57	-1.8	26.9
10,751.0	3.07	241.49	10,634.1	-392.5	1,001.3	0.74	0.62	7.69	-1.6	26.4
10,765.0	3.12	242.28	10,648.1	-392.8	1,000.6	0.47	0.36	5.64	-1.5	25.7
10,779.0	3.09	242.76	10,662.1	-393.2	1,000.0	0.28	-0.21	3.43	-1.6	25.1
10,792.0	3.03	243.02	10,675.1	-393.5	999.3	0.47	-0.46	2.00	-1.8	24.5
10,806.0	2.94	243.16	10,689.1	-393.8	998.7	0.64	-0.64	1.00	-2.0	23.9
10,820.0	2.84	243.28	10,703.0	-394.1	998.1	0.72	-0.71	0.86	-2.2	23.3
10,834.0	2.75	243.47	10,717.0	-394.4	997.4	0.65	-0.64	1.36	-2.4	22.6
10,847.0	2.67	243.88	10,730.0	-394.7	996.9	0.63	-0.62	3.15	-2.4	22.1
10,861.0	2.62	244.69	10,744.0	-395.0	996.3	0.45	-0.36	5.79	-2.3	21.4
10,875.0	2.63	246.18	10,758.0	-395.3	995.7	0.49	0.07	10.64	-2.0	20.8
10,888.0	2.67	247.95	10,771.0	-395.5	995.2	0.70	0.31	13.62	-1.6	20.3
10,902.0	2.72	249.77	10,784.9	-395.7	994.6	0.71	0.36	13.00	-1.3	19.6
10,915.0	2.78	251.47	10,797.9	-395.9	994.0	0.78	0.46	13.08	-1.0	19.0
10,929.0	2.82	252.92	10,811.9	-396.1	993.3	0.58	0.29	10.36	-0.9	18.4
10,942.0	2.85	254.01	10,824.9	-396.3	992.7	0.47	0.23	8.38	-0.9	17.7
10,956.0	2.82	254.58	10,838.9	-396.5	992.0	0.29	-0.21	4.07	-1.1	17.0
10,970.0	2.71	253.96	10,852.9	-396.7	991.4	0.81	-0.79	-4.43	-1.6	16.3
10,983.0	2.56	252.49	10,865.9	-396.9	990.8	1.27	-1.15	-11.31	-2.3	15.6
10,997.0	2.40	250.25	10,879.8	-397.1	990.2	1.34	-1.14	-16.00	-3.2	14.8
11,011.0	2.23	247.29	10,893.8	-397.3	989.7	1.48	-1.21	-21.14	-4.1	13.9
11,025.0	2.08	243.70	10,907.8	-397.5	989.2	1.44	-1.07	-25.64	-5.0	13.0
11,038.0	1.96	239.73	10,920.8	-397.7	988.8	1.42	-0.92	-30.54	-5.9	12.0
11,052.0	1.89	235.87	10,934.8	-397.9	988.4	1.05	-0.50	-27.57	-6.7	11.0
11,065.0	1.85	233.30	10,947.8	-398.2	988.1	0.71	-0.31	-19.77	-7.1	10.2
11,079.0	1.86	230.91	10,961.8	-398.5	987.7	0.56	0.07	-17.07	-7.4	9.3
11,092.0	1.90	228.70	10,974.8	-398.7	987.4	0.64	0.31	-17.00	-7.6	8.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
11,106.0	1.96	226.66	10,988.8	-399.1	987.1	0.65	0.43	-14.57	-7.8	7.8
11,119.0	2.04	224.78	11,001.8	-399.4	986.7	0.80	0.62	-14.46	-7.9	7.1
11,133.0	2.13	223.01	11,015.8	-399.7	986.4	0.79	0.64	-12.64	-8.0	6.4
11,146.0	2.22	221.27	11,028.7	-400.1	986.0	0.86	0.69	-13.38	-8.1	5.7
11,160.0	2.31	219.07	11,042.7	-400.5	985.7	0.89	0.64	-15.71	-8.2	5.0
11,173.0	2.41	216.91	11,055.7	-401.0	985.4	1.03	0.77	-16.62	-8.3	4.3
11,187.0	2.50	214.87	11,069.7	-401.4	985.0	0.90	0.64	-14.57	-8.3	3.7
11,201.0	2.60	213.00	11,083.7	-402.0	984.7	0.93	0.71	-13.36	-8.3	3.0
11,215.0	2.70	211.34	11,097.7	-402.5	984.3	0.90	0.71	-11.86	-8.4	2.5
11,228.0	2.80	209.93	11,110.7	-403.0	984.0	0.93	0.77	-10.85	-8.4	2.0
11,242.0	2.89	208.82	11,124.7	-403.7	983.7	0.75	0.64	-7.93	-8.4	1.5
11,256.0	2.97	207.87	11,138.6	-404.3	983.3	0.67	0.57	-6.79	-8.4	1.1
11,269.0	3.04	207.16	11,151.6	-404.9	983.0	0.61	0.54	-5.46	-8.4	0.8
11,283.0	3.10	206.63	11,165.6	-405.6	982.7	0.47	0.43	-3.79	-8.4	0.5
11,296.0	3.16	206.22	11,178.6	-406.2	982.4	0.49	0.46	-3.15	-8.4	0.2
11,310.0	3.20	205.89	11,192.6	-406.9	982.0	0.31	0.29	-2.36	-8.5	-0.1
11,323.0	3.23	205.64	11,205.5	-407.5	981.7	0.25	0.23	-1.92	-8.5	-0.4
11,337.0	3.23	205.43	11,219.5	-408.3	981.4	0.08	0.00	-1.50	-8.6	-0.7
11,351.0	3.20	205.25	11,233.5	-409.0	981.0	0.23	-0.21	-1.29	-8.6	-0.9
11,364.0	3.15	205.09	11,246.5	-409.6	980.7	0.39	-0.38	-1.23	-8.6	-1.1
11,378.0	3.09	204.96	11,260.4	-410.3	980.4	0.43	-0.43	-0.93	-8.7	-1.4
11,391.0	3.02	204.87	11,273.4	-410.9	980.1	0.54	-0.54	-0.69	-8.7	-1.6
11,405.0	2.97	204.83	11,287.4	-411.6	979.8	0.36	-0.36	-0.29	-8.6	-1.9
11,418.0	2.92	204.87	11,300.4	-412.2	979.5	0.38	-0.38	0.31	-8.6	-2.1
11,432.0	2.90	204.99	11,314.4	-412.9	979.2	0.15	-0.14	0.86	-8.6	-2.3
11,446.0	2.93	205.25	11,328.4	-413.5	978.9	0.23	0.21	1.86	-8.6	-2.5
11,459.0	2.98	205.60	11,341.3	-414.1	978.6	0.41	0.38	2.69	-8.6	-2.6



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
11,473.0	3.05	205.97	11,355.3	-414.8	978.3	0.52	0.50	2.64	-8.6	-2.8	
11,487.0	3.12	206.34	11,369.3	-415.4	978.0	0.52	0.50	2.64	-8.6	-3.0	
11,501.0	3.21	206.67	11,383.3	-416.1	977.6	0.66	0.64	2.36	-8.7	-3.2	
11,514.0	3.29	206.93	11,396.3	-416.8	977.3	0.63	0.62	2.00	-8.7	-3.4	
11,528.0	3.36	207.07	11,410.2	-417.5	976.9	0.50	0.50	1.00	-8.8	-3.6	
11,542.0	3.42	207.10	11,424.2	-418.2	976.5	0.43	0.43	0.21	-8.9	-3.9	
11,555.0	3.47	207.04	11,437.2	-418.9	976.2	0.39	0.38	-0.46	-9.0	-4.1	
11,569.0	3.51	206.96	11,451.2	-419.7	975.8	0.29	0.29	-0.57	-9.1	-4.4	
11,582.0	3.55	206.91	11,464.1	-420.4	975.4	0.31	0.31	-0.38	-9.2	-4.6	
11,596.0	3.58	206.95	11,478.1	-421.2	975.0	0.22	0.21	0.29	-9.4	-4.9	
11,609.0	3.60	207.14	11,491.1	-421.9	974.7	0.18	0.15	1.46	-9.5	-5.1	
11,623.0	3.62	207.57	11,505.1	-422.7	974.3	0.24	0.14	3.07	-9.7	-5.3	
11,636.0	3.62	208.38	11,518.0	-423.4	973.9	0.39	0.00	6.23	-9.9	-5.4	
11,650.0	3.61	209.45	11,532.0	-424.2	973.5	0.49	-0.07	7.64	-10.2	-5.5	
11,663.0	3.60	210.70	11,545.0	-424.9	973.0	0.61	-0.08	9.62	-10.5	-5.5	
11,677.0	3.58	212.11	11,558.9	-425.7	972.6	0.65	-0.14	10.07	-10.8	-5.6	
11,690.0	3.57	213.63	11,571.9	-426.3	972.2	0.73	-0.08	11.69	-11.2	-5.5	
11,704.0	3.56	215.27	11,585.9	-427.1	971.7	0.73	-0.07	11.71	-11.6	-5.5	
11,717.0	3.55	217.03	11,598.9	-427.7	971.2	0.84	-0.08	13.54	-12.0	-5.4	
11,731.0	3.52	218.91	11,612.8	-428.4	970.7	0.86	-0.21	13.43	-12.6	-5.3	
11,744.0	3.49	220.89	11,625.8	-429.0	970.1	0.96	-0.23	15.23	-13.1	-5.2	
11,758.0	3.46	222.91	11,639.8	-429.6	969.6	0.90	-0.21	14.43	-13.7	-5.0	
11,771.0	3.44	224.93	11,652.8	-430.2	969.0	0.95	-0.15	15.54	-14.2	-4.8	
11,785.0	3.43	226.87	11,666.7	-430.8	968.4	0.83	-0.07	13.86	-14.9	-4.6	
11,798.0	3.42	228.66	11,679.7	-431.3	967.9	0.83	-0.08	13.77	-15.5	-4.4	
11,812.0	3.43	230.20	11,693.7	-431.8	967.2	0.66	0.07	11.00	-16.1	-4.2	
11,825.0	3.44	231.35	11,706.7	-432.3	966.6	0.54	0.08	8.85	-16.7	-4.1	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
11,839.0	3.02	235.21	11,720.7	-432.8	966.0	3.38	-3.00	27.57	-17.5	-3.2
11,853.0	1.36	280.47	11,734.6	-433.0	965.5	16.27	-11.86	323.29	-15.1	10.1
11,866.0	1.56	337.39	11,747.6	-432.8	965.3	10.79	1.54	437.85	-0.2	18.1
11,880.0	1.50	333.43	11,761.6	-432.5	965.1	0.87	-0.43	-28.29	-2.0	17.9
11,894.0	1.43	328.28	11,775.6	-432.1	965.0	1.06	-0.50	-36.79	-4.2	17.5
11,908.0	1.39	322.42	11,789.6	-431.9	964.8	1.07	-0.29	-41.86	-6.4	16.9
11,921.0	1.38	316.72	11,802.6	-431.6	964.6	1.06	-0.08	-43.85	-8.4	16.0
11,935.0	1.42	312.39	11,816.6	-431.4	964.3	0.81	0.29	-30.93	-10.0	15.3
11,949.0	1.52	312.61	11,830.6	-431.1	964.1	0.72	0.71	1.57	-10.4	15.2
11,962.0	1.63	314.66	11,843.6	-430.9	963.8	0.95	0.85	15.77	-10.2	15.6
11,976.0	1.75	317.56	11,857.6	-430.6	963.5	1.05	0.86	20.71	-9.8	16.1
11,990.0	1.87	320.68	11,871.6	-430.3	963.2	1.11	0.86	22.29	-9.1	16.8
12,004.0	2.01	323.63	11,885.6	-429.9	962.9	1.23	1.00	21.07	-8.2	17.6
12,017.0	2.16	326.14	11,898.6	-429.5	962.7	1.35	1.15	19.31	-7.0	18.6
12,030.0	2.29	327.85	11,911.6	-429.1	962.4	1.12	1.00	13.13	-5.8	19.5
KOP, MD:12030.0', TVD:11911.6', N/S:-429.1', E/W:962.4', INC:2.29										
12,031.0	2.30	327.97	11,912.6	-429.0	962.4	1.12	1.01	12.33	-5.7	19.6
12,045.0	4.90	353.70	11,926.5	-428.2	962.2	21.42	18.57	183.79	4.4	20.4
12,058.0	8.06	358.20	11,939.5	-426.7	962.1	24.60	24.31	34.62	6.6	20.1
12,072.0	11.39	359.82	11,953.3	-424.4	962.0	23.86	23.79	11.57	7.5	19.9
12,085.0	13.96	1.86	11,965.9	-421.5	962.1	20.06	19.77	15.69	8.1	19.6
12,099.0	15.78	0.99	11,979.5	-417.9	962.2	13.10	13.00	-6.21	7.6	19.6
12,112.0	19.21	1.10	11,991.9	-414.0	962.2	26.39	26.38	0.85	7.3	19.5
12,126.0	22.63	2.85	12,004.9	-409.0	962.4	24.83	24.43	12.50	6.9	19.1
12,140.0	26.18	4.30	12,017.7	-403.3	962.8	25.71	25.36	10.36	6.0	18.7
12,153.0	29.70	4.73	12,029.2	-397.2	963.3	27.12	27.08	3.31	4.3	18.3
12,167.0	30.58	5.08	12,041.3	-390.2	963.9	6.41	6.29	2.50	2.5	17.8



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,180.0	31.30	5.45	12,052.4	-383.5	964.5	5.73	5.54	2.85	0.9	17.2
12,192.2	31.74	5.78	12,062.8	-377.2	965.1	3.84	3.57	2.72	-0.3	16.7
FTP Crossing, MD:12192.2', TVD:12062.8', N/S:-377.2', E/W:965.1', INC:31.74										
12,194.0	31.80	5.83	12,064.4	-376.2	965.2	3.84	3.57	2.68	-0.5	16.6
12,207.0	32.91	6.09	12,075.3	-369.3	965.9	8.61	8.54	2.00	-1.7	15.9
12,221.0	35.79	6.00	12,086.9	-361.5	966.8	20.57	20.57	-0.64	-3.2	15.2
12,235.0	38.73	5.10	12,098.0	-353.0	967.6	21.36	21.00	-6.43	-5.1	14.4
12,248.0	41.41	4.12	12,108.0	-344.7	968.2	21.18	20.62	-7.54	-7.2	13.7
12,262.0	41.24	4.14	12,118.5	-335.5	968.9	1.22	-1.21	0.14	-9.1	13.1
12,275.0	40.98	4.14	12,128.3	-326.9	969.5	2.00	-2.00	0.00	-10.5	12.5
12,289.0	40.71	4.12	12,138.9	-317.8	970.2	1.93	-1.93	-0.14	-11.5	11.8
12,302.0	40.48	4.07	12,148.8	-309.4	970.8	1.79	-1.77	-0.38	-12.0	11.2
12,316.0	40.35	3.99	12,159.4	-300.3	971.4	1.00	-0.93	-0.57	-12.2	10.5
12,330.0	43.22	1.80	12,169.8	-291.0	971.9	23.00	20.50	-15.64	-12.4	9.6
12,343.0	46.22	0.06	12,179.1	-281.9	972.0	24.92	23.08	-13.38	-12.9	9.1
12,357.0	47.35	359.46	12,188.7	-271.7	972.0	8.65	8.07	-4.29	-13.4	9.0
12,370.0	48.07	359.19	12,197.4	-262.0	971.9	5.75	5.54	-2.08	-13.6	9.0
12,384.0	48.65	358.92	12,206.7	-251.6	971.7	4.39	4.14	-1.93	-13.6	9.1
12,397.0	49.23	358.66	12,215.3	-241.8	971.5	4.71	4.46	-2.00	-13.3	9.2
12,411.0	49.78	358.45	12,224.4	-231.1	971.2	4.09	3.93	-1.50	-12.8	9.3
12,425.0	50.96	358.00	12,233.3	-220.4	970.9	8.78	8.43	-3.21	-12.0	9.6
12,438.0	54.05	356.96	12,241.2	-210.1	970.4	24.60	23.77	-8.00	-11.5	9.9
12,452.0	57.45	356.65	12,249.1	-198.5	969.8	24.35	24.29	-2.21	-11.2	10.4
12,465.0	60.75	356.40	12,255.7	-187.4	969.1	25.44	25.38	-1.92	-11.4	11.0
12,479.0	63.11	358.49	12,262.3	-175.0	968.6	21.39	16.86	14.93	-11.6	11.7
12,492.0	65.83	359.67	12,267.9	-163.3	968.4	22.47	20.92	9.08	-12.1	11.9
12,506.0	68.97	359.98	12,273.3	-150.4	968.3	22.52	22.43	2.21	-13.0	11.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,520.0	72.18	0.47	12,278.0	-137.2	968.4	23.16	22.93	3.50	-14.2	11.8
12,533.0	73.34	0.65	12,281.8	-124.8	968.5	9.02	8.92	1.38	-15.5	11.7
12,547.0	73.66	0.86	12,285.8	-111.3	968.7	2.70	2.29	1.50	-16.7	11.4
12,560.0	73.99	1.09	12,289.4	-98.9	968.9	3.05	2.54	1.77	-17.6	11.1
12,574.0	74.27	1.32	12,293.3	-85.4	969.2	2.55	2.00	1.64	-18.1	10.8
12,587.0	74.48	1.54	12,296.8	-72.9	969.5	2.29	1.62	1.69	-18.3	10.4
12,601.0	76.93	2.34	12,300.2	-59.3	970.0	18.36	17.50	5.71	-18.3	9.9
12,611.0	79.07	2.19	12,302.3	-49.6	970.4	21.45	21.40	-1.50	-18.6	9.4
12,622.0	80.43	1.95	12,304.2	-38.7	970.7	12.55	12.36	-2.18	-18.9	8.9
12,632.0	80.21	2.08	12,305.9	-28.9	971.1	2.55	-2.20	1.30	-19.1	8.5
12,645.0	80.10	2.14	12,308.1	-16.1	971.6	0.96	-0.85	0.46	-18.9	7.9
12,658.0	80.10	2.14	12,310.4	-3.3	972.0	0.00	0.00	0.00	-18.4	7.3
12,670.0	80.18	2.11	12,312.4	8.5	972.5	0.71	0.67	-0.25	-17.6	6.8
12,683.0	80.29	2.06	12,314.6	21.3	972.9	0.93	0.85	-0.38	-16.4	6.2
12,696.0	82.22	0.88	12,316.6	34.2	973.3	17.35	14.85	-9.08	-15.0	5.8
12,710.0	84.91	359.65	12,318.2	48.1	973.3	21.10	19.21	-8.79	-13.8	5.6
12,723.0	87.83	359.16	12,319.0	61.1	973.2	22.77	22.46	-3.77	-12.9	5.7
12,737.0	88.63	359.17	12,319.4	75.0	973.0	5.71	5.71	0.07	-12.5	5.8
12,750.0	88.88	359.19	12,319.7	88.0	972.8	1.93	1.92	0.15	-12.2	5.9
12,764.0	89.15	359.23	12,320.0	102.0	972.6	1.95	1.93	0.29	-12.0	6.0
12,777.0	89.44	359.27	12,320.1	115.0	972.4	2.25	2.23	0.31	-11.8	6.1
12,791.0	89.75	359.33	12,320.2	129.0	972.3	2.26	2.21	0.43	-11.7	6.1
12,805.0	90.09	359.41	12,320.2	143.0	972.1	2.49	2.43	0.57	-11.7	6.2
12,818.0	90.44	359.50	12,320.2	156.0	972.0	2.78	2.69	0.69	-11.8	6.2
12,832.0	90.80	359.61	12,320.0	170.0	971.9	2.69	2.57	0.79	-11.9	6.3
12,845.0	91.16	359.73	12,319.8	183.0	971.8	2.92	2.77	0.92	-12.1	6.3
12,859.0	91.53	359.85	12,319.5	197.0	971.8	2.78	2.64	0.86	-12.5	6.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,872.0	91.89	359.99	12,319.1	210.0	971.7	2.97	2.77	1.08	-12.9	6.1
12,886.0	92.25	0.15	12,318.6	224.0	971.8	2.81	2.57	1.14	-13.4	6.0
12,900.0	92.61	0.33	12,318.0	238.0	971.8	2.87	2.57	1.29	-13.9	5.9
12,913.0	92.96	0.51	12,317.4	251.0	971.9	3.03	2.69	1.38	-14.6	5.7
12,927.0	93.28	0.70	12,316.6	265.0	972.1	2.66	2.29	1.36	-15.3	5.5
12,941.0	93.58	0.87	12,315.8	278.9	972.3	2.46	2.14	1.21	-16.2	5.2
12,955.0	92.93	0.90	12,315.0	292.9	972.5	4.65	-4.64	0.21	-17.0	4.9
12,968.0	90.70	0.71	12,314.6	305.9	972.7	17.22	-17.15	-1.46	-17.4	4.6
12,982.0	90.83	0.78	12,314.4	319.9	972.8	1.05	0.93	0.50	-17.6	4.3
12,996.0	90.86	0.79	12,314.2	333.9	973.0	0.23	0.21	0.07	-17.8	4.1
13,009.0	90.82	0.77	12,314.0	346.9	973.2	0.34	-0.31	-0.15	-18.0	3.8
13,023.0	90.74	0.72	12,313.8	360.9	973.4	0.67	-0.57	-0.36	-18.1	3.5
13,036.0	90.66	0.67	12,313.6	373.9	973.5	0.73	-0.62	-0.38	-18.3	3.3
13,050.0	89.68	0.33	12,313.6	387.9	973.7	7.41	-7.00	-2.43	-18.3	3.1
13,063.0	87.36	359.57	12,313.9	400.9	973.7	18.78	-17.85	-5.85	-18.0	3.0
13,077.0	87.28	359.54	12,314.6	414.9	973.5	0.61	-0.57	-0.21	-17.4	3.0
13,091.0	87.23	359.53	12,315.2	428.9	973.4	0.36	-0.36	-0.07	-16.7	3.0
13,104.0	87.19	359.53	12,315.9	441.8	973.3	0.31	-0.31	0.00	-16.0	3.1
13,118.0	87.16	359.55	12,316.6	455.8	973.2	0.26	-0.21	0.14	-15.4	3.1
13,131.0	87.14	359.58	12,317.2	468.8	973.1	0.28	-0.15	0.23	-14.7	3.1
13,145.0	87.13	359.62	12,317.9	482.8	973.0	0.29	-0.07	0.29	-14.0	3.1
13,158.0	87.15	359.69	12,318.6	495.8	972.9	0.56	0.15	0.54	-13.4	3.1
13,172.0	87.19	359.78	12,319.3	509.8	972.9	0.70	0.29	0.64	-12.7	3.1
13,186.0	87.28	359.92	12,319.9	523.7	972.8	1.19	0.64	1.00	-12.0	3.0
13,199.0	87.40	0.08	12,320.5	536.7	972.8	1.54	0.92	1.23	-11.4	2.9
13,213.0	87.53	0.25	12,321.2	550.7	972.9	1.53	0.93	1.21	-10.8	2.8
13,226.0	87.67	0.42	12,321.7	563.7	973.0	1.69	1.08	1.31	-10.2	2.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
13,240.0	87.81	0.58	12,322.2	577.7	973.1	1.52	1.00	1.14	-9.7	2.4
13,253.0	90.62	0.14	12,322.4	590.7	973.2	21.88	21.62	-3.38	-9.5	2.3
13,267.0	91.14	0.18	12,322.2	604.7	973.2	3.73	3.71	0.29	-9.7	2.1
13,281.0	91.27	0.27	12,321.9	618.7	973.3	1.13	0.93	0.64	-10.0	2.0
13,294.0	91.39	0.33	12,321.6	631.7	973.3	1.03	0.92	0.46	-10.3	1.9
13,308.0	90.79	0.93	12,321.3	645.7	973.5	6.06	-4.29	4.29	-10.6	1.6
13,321.0	90.90	0.96	12,321.2	658.7	973.7	0.88	0.85	0.23	-10.7	1.3
13,335.0	90.99	0.98	12,320.9	672.7	973.9	0.66	0.64	0.14	-11.0	1.0
13,348.0	91.06	0.99	12,320.7	685.7	974.2	0.54	0.54	0.08	-11.2	0.7
13,362.0	91.09	0.97	12,320.4	699.7	974.4	0.26	0.21	-0.14	-11.5	0.3
13,376.0	91.08	0.94	12,320.2	713.6	974.6	0.23	-0.07	-0.21	-11.7	0.0
13,389.0	91.02	0.89	12,319.9	726.6	974.8	0.60	-0.46	-0.38	-12.0	-0.3
13,403.0	90.96	0.84	12,319.7	740.6	975.0	0.56	-0.43	-0.36	-12.2	-0.6
13,416.0	90.88	0.78	12,319.5	753.6	975.2	0.77	-0.62	-0.46	-12.4	-0.8
13,430.0	90.81	0.72	12,319.3	767.6	975.4	0.66	-0.50	-0.43	-12.6	-1.1
13,443.0	89.27	0.90	12,319.3	780.6	975.6	11.93	-11.85	1.38	-12.6	-1.4
13,457.0	88.12	0.65	12,319.6	794.6	975.8	8.41	-8.21	-1.79	-12.3	-1.7
13,471.0	88.09	0.62	12,320.0	808.6	975.9	0.30	-0.21	-0.21	-11.8	-1.9
13,484.0	88.06	0.60	12,320.5	821.6	976.1	0.28	-0.23	-0.15	-11.4	-2.1
13,498.0	88.03	0.57	12,321.0	835.6	976.2	0.30	-0.21	-0.21	-10.9	-2.4
13,511.0	88.00	0.55	12,321.4	848.6	976.3	0.28	-0.23	-0.15	-10.5	-2.6
13,525.0	87.97	0.52	12,321.9	862.6	976.5	0.30	-0.21	-0.21	-10.0	-2.8
13,538.0	87.92	0.49	12,322.4	875.6	976.6	0.45	-0.38	-0.23	-9.5	-3.0
13,552.0	87.86	0.46	12,322.9	889.6	976.7	0.48	-0.43	-0.21	-9.0	-3.2
13,566.0	87.78	0.42	12,323.4	903.6	976.8	0.64	-0.57	-0.29	-8.5	-3.4
13,579.0	87.69	0.37	12,323.9	916.5	976.9	0.79	-0.69	-0.38	-8.0	-3.6
13,593.0	87.59	0.32	12,324.5	930.5	977.0	0.80	-0.71	-0.36	-7.4	-3.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
13,607.0	87.49	0.26	12,325.1	944.5	977.1	0.83	-0.71	-0.43	-6.8	-3.9
13,621.0	87.46	0.11	12,325.7	958.5	977.1	1.09	-0.21	-1.07	-6.2	-4.0
13,634.0	87.98	359.50	12,326.2	971.5	977.1	6.16	4.00	-4.69	-5.6	-4.1
13,648.0	89.61	359.34	12,326.5	985.5	976.9	11.70	11.64	-1.14	-5.3	-4.0
13,662.0	89.50	359.20	12,326.6	999.5	976.7	1.27	-0.79	-1.00	-5.2	-3.9
13,675.0	89.38	359.03	12,326.8	1,012.5	976.5	1.60	-0.92	-1.31	-5.1	-3.8
13,689.0	89.26	358.87	12,326.9	1,026.5	976.3	1.43	-0.86	-1.14	-4.9	-3.7
13,702.0	89.15	358.71	12,327.1	1,039.5	976.0	1.49	-0.85	-1.23	-4.8	-3.5
13,716.0	88.89	358.57	12,327.4	1,053.5	975.7	2.11	-1.86	-1.00	-4.5	-3.2
13,729.0	89.53	358.12	12,327.5	1,066.5	975.3	6.02	4.92	-3.46	-4.3	-2.9
13,743.0	89.77	357.92	12,327.6	1,080.5	974.8	2.23	1.71	-1.43	-4.2	-2.5
13,757.0	89.73	357.92	12,327.7	1,094.5	974.3	0.29	-0.29	0.00	-4.2	-2.1
13,770.0	89.71	357.95	12,327.7	1,107.4	973.8	0.28	-0.15	0.23	-4.1	-1.7
13,784.0	89.71	358.00	12,327.8	1,121.4	973.3	0.36	0.00	0.36	-4.0	-1.3
13,798.0	89.70	358.06	12,327.9	1,135.4	972.9	0.43	-0.07	0.43	-4.0	-0.9
13,812.0	89.99	358.11	12,327.9	1,149.4	972.4	2.10	2.07	0.36	-3.9	-0.6
13,825.0	91.41	358.18	12,327.8	1,162.4	972.0	10.94	10.92	0.54	-4.1	-0.2
13,839.0	92.67	358.32	12,327.3	1,176.4	971.5	9.06	9.00	1.00	-4.6	0.1
13,853.0	92.66	358.34	12,326.6	1,190.4	971.1	0.16	-0.07	0.14	-5.2	0.4
13,866.0	92.64	358.36	12,326.0	1,203.4	970.8	0.22	-0.15	0.15	-5.8	0.7
13,880.0	92.63	358.37	12,325.4	1,217.3	970.4	0.10	-0.07	0.07	-6.5	1.0
13,893.0	92.61	358.38	12,324.8	1,230.3	970.0	0.17	-0.15	0.08	-7.1	1.3
13,907.0	92.59	358.40	12,324.1	1,244.3	969.6	0.20	-0.14	0.14	-7.7	1.6
13,920.0	92.56	358.41	12,323.6	1,257.3	969.2	0.24	-0.23	0.08	-8.3	1.9
13,934.0	92.52	358.42	12,322.9	1,271.3	968.9	0.29	-0.29	0.07	-8.9	2.2
13,948.0	92.47	358.44	12,322.3	1,285.2	968.5	0.38	-0.36	0.14	-9.5	2.5
13,961.0	92.41	358.46	12,321.8	1,298.2	968.1	0.49	-0.46	0.15	-10.1	2.8



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
13,975.0	92.36	358.48	12,321.2	1,312.2	967.8	0.38	-0.36	0.14	-10.6	3.0
13,989.0	92.30	358.50	12,320.6	1,326.2	967.4	0.45	-0.43	0.14	-11.2	3.3
14,003.0	92.25	358.52	12,320.1	1,340.2	967.0	0.38	-0.36	0.14	-11.8	3.6
14,016.0	92.21	358.53	12,319.6	1,353.2	966.7	0.32	-0.31	0.08	-12.3	3.8
14,030.0	92.20	358.55	12,319.0	1,367.1	966.3	0.16	-0.07	0.14	-12.8	4.1
14,044.0	92.22	358.56	12,318.5	1,381.1	966.0	0.16	0.14	0.07	-13.3	4.4
14,057.0	92.26	358.58	12,318.0	1,394.1	965.7	0.34	0.31	0.15	-13.9	4.6
14,071.0	92.31	358.58	12,317.4	1,408.1	965.3	0.36	0.36	0.00	-14.4	4.9
14,084.0	92.36	358.59	12,316.9	1,421.1	965.0	0.39	0.38	0.08	-14.9	5.1
14,098.0	92.51	358.40	12,316.3	1,435.1	964.6	1.73	1.07	-1.36	-15.5	5.4
14,111.0	91.76	358.15	12,315.8	1,448.1	964.2	6.08	-5.77	-1.92	-16.0	5.7
14,125.0	90.23	358.37	12,315.6	1,462.0	963.8	11.04	-10.93	1.57	-16.3	6.0
14,139.0	89.90	358.38	12,315.6	1,476.0	963.4	2.36	-2.36	0.07	-16.3	6.3
14,152.0	89.91	358.33	12,315.6	1,489.0	963.0	0.39	0.08	-0.38	-16.3	6.6
14,166.0	89.92	358.27	12,315.6	1,503.0	962.6	0.43	0.07	-0.43	-16.2	6.9
14,179.0	89.93	358.20	12,315.6	1,516.0	962.2	0.54	0.08	-0.54	-16.2	7.3
14,193.0	89.94	358.13	12,315.6	1,530.0	961.8	0.51	0.07	-0.50	-16.2	7.6
14,206.0	89.94	358.06	12,315.6	1,543.0	961.3	0.54	0.00	-0.54	-16.2	8.0
14,220.0	89.95	357.98	12,315.7	1,557.0	960.8	0.58	0.07	-0.57	-16.2	8.4
14,234.0	89.96	357.90	12,315.7	1,571.0	960.3	0.58	0.07	-0.57	-16.2	8.8
14,247.0	89.96	357.81	12,315.7	1,584.0	959.9	0.69	0.00	-0.69	-16.1	9.2
14,261.0	89.97	357.71	12,315.7	1,598.0	959.3	0.72	0.07	-0.71	-16.1	9.6
14,275.0	89.97	357.62	12,315.7	1,612.0	958.7	0.64	0.00	-0.64	-16.1	10.1
14,289.0	89.97	357.52	12,315.7	1,625.9	958.1	0.71	0.00	-0.71	-16.1	10.6
14,302.0	89.97	357.42	12,315.7	1,638.9	957.6	0.77	0.00	-0.77	-16.1	11.1
14,316.0	89.95	357.32	12,315.7	1,652.9	956.9	0.73	-0.14	-0.71	-16.1	11.6
14,330.0	89.93	357.23	12,315.7	1,666.9	956.3	0.66	-0.14	-0.64	-16.1	12.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,343.0	89.90	357.13	12,315.7	1,679.9	955.6	0.80	-0.23	-0.77	-16.1	12.8
14,357.0	89.87	357.03	12,315.8	1,693.9	954.9	0.75	-0.21	-0.71	-16.0	13.4
14,370.0	89.84	356.94	12,315.8	1,706.8	954.2	0.73	-0.23	-0.69	-16.0	14.0
14,384.0	89.81	356.86	12,315.9	1,720.8	953.5	0.61	-0.21	-0.57	-16.0	14.7
14,397.0	89.79	356.79	12,315.9	1,733.8	952.8	0.56	-0.15	-0.54	-15.9	15.3
14,411.0	89.77	356.75	12,315.9	1,747.8	952.0	0.32	-0.14	-0.29	-15.9	16.0
14,425.0	89.77	356.74	12,316.0	1,761.8	951.2	0.07	0.00	-0.07	-15.8	16.7
14,438.0	89.78	356.76	12,316.1	1,774.7	950.4	0.17	0.08	0.15	-15.8	17.4
14,452.0	89.80	356.79	12,316.1	1,788.7	949.6	0.26	0.14	0.21	-15.7	18.1
14,466.0	89.84	356.81	12,316.2	1,802.7	948.9	0.32	0.29	0.14	-15.7	18.7
14,480.0	90.20	357.36	12,316.1	1,816.7	948.2	4.70	2.57	3.93	-15.7	19.4
14,493.0	90.82	358.87	12,316.0	1,829.7	947.7	12.56	4.77	11.62	-15.8	19.7
14,507.0	90.71	0.53	12,315.8	1,843.7	947.7	11.88	-0.79	11.86	-15.9	19.7
14,521.0	90.85	0.57	12,315.7	1,857.7	947.8	1.04	1.00	0.29	-16.1	19.5
14,534.0	91.01	0.63	12,315.4	1,870.7	947.9	1.31	1.23	0.46	-16.3	19.3
14,548.0	91.17	0.67	12,315.2	1,884.7	948.1	1.18	1.14	0.29	-16.6	19.0
14,561.0	91.33	0.71	12,314.9	1,897.7	948.2	1.27	1.23	0.31	-16.9	18.8
14,575.0	91.46	0.73	12,314.6	1,911.7	948.4	0.94	0.93	0.14	-17.2	18.5
14,588.0	91.54	0.70	12,314.2	1,924.6	948.6	0.66	0.62	-0.23	-17.6	18.3
14,602.0	91.54	0.63	12,313.8	1,938.6	948.7	0.50	0.00	-0.50	-17.9	18.0
14,616.0	91.42	0.46	12,313.5	1,952.6	948.9	1.49	-0.86	-1.21	-18.3	17.8
14,629.0	91.22	0.23	12,313.2	1,965.6	948.9	2.34	-1.54	-1.77	-18.6	17.6
14,643.0	90.98	359.98	12,312.9	1,979.6	949.0	2.48	-1.71	-1.79	-18.9	17.5
14,657.0	90.74	359.71	12,312.7	1,993.6	948.9	2.58	-1.71	-1.93	-19.1	17.5
14,671.0	90.52	359.46	12,312.5	2,007.6	948.8	2.38	-1.57	-1.79	-19.2	17.5
14,684.0	89.86	359.15	12,312.5	2,020.6	948.7	5.61	-5.08	-2.38	-19.3	17.5
14,698.0	88.38	358.94	12,312.7	2,034.6	948.4	10.68	-10.57	-1.50	-19.1	17.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,712.0	87.69	358.93	12,313.2	2,048.6	948.2	4.93	-4.93	-0.07	-18.6	17.9
14,725.0	87.68	358.75	12,313.7	2,061.6	947.9	1.39	-0.08	-1.38	-18.0	18.0
14,739.0	87.70	358.59	12,314.3	2,075.6	947.6	1.15	0.14	-1.14	-17.5	18.3
14,752.0	87.72	358.43	12,314.8	2,088.6	947.3	1.24	0.15	-1.23	-17.0	18.5
14,766.0	87.76	358.28	12,315.4	2,102.5	946.9	1.11	0.29	-1.07	-16.4	18.8
14,779.0	88.25	359.14	12,315.8	2,115.5	946.6	7.61	3.77	6.62	-16.0	19.0
14,793.0	89.04	359.58	12,316.1	2,129.5	946.4	6.46	5.64	3.14	-15.6	19.1
14,807.0	89.06	359.47	12,316.4	2,143.5	946.3	0.80	0.14	-0.79	-15.4	19.1
14,820.0	89.08	359.36	12,316.6	2,156.5	946.2	0.86	0.15	-0.85	-15.2	19.2
14,834.0	89.10	359.26	12,316.8	2,170.5	946.0	0.73	0.14	-0.71	-15.0	19.3
14,847.0	89.12	359.17	12,317.0	2,183.5	945.8	0.71	0.15	-0.69	-14.8	19.4
14,861.0	89.53	359.31	12,317.2	2,197.5	945.6	3.09	2.93	1.00	-14.6	19.4
14,874.0	90.62	359.97	12,317.2	2,210.5	945.5	9.80	8.38	5.08	-14.6	19.4
14,888.0	90.86	0.22	12,317.0	2,224.5	945.6	2.48	1.71	1.79	-14.8	19.3
14,902.0	90.89	0.17	12,316.8	2,238.5	945.6	0.42	0.21	-0.36	-15.0	19.2
14,915.0	90.91	0.13	12,316.6	2,251.5	945.7	0.34	0.15	-0.31	-15.2	19.1
14,929.0	90.94	0.10	12,316.3	2,265.5	945.7	0.30	0.21	-0.21	-15.4	19.0
14,943.0	90.97	0.08	12,316.1	2,279.5	945.7	0.26	0.21	-0.14	-15.7	18.8
14,957.0	91.00	0.06	12,315.9	2,293.5	945.7	0.26	0.21	-0.14	-15.9	18.7
14,970.0	91.04	0.04	12,315.6	2,306.5	945.7	0.34	0.31	-0.15	-16.1	18.6
14,984.0	91.09	0.02	12,315.4	2,320.5	945.7	0.38	0.36	-0.14	-16.4	18.5
14,998.0	91.15	0.00	12,315.1	2,334.5	945.7	0.45	0.43	-0.14	-16.7	18.5
15,011.0	91.22	359.98	12,314.8	2,347.5	945.7	0.56	0.54	-0.15	-16.9	18.4
15,025.0	91.29	359.95	12,314.5	2,361.5	945.7	0.54	0.50	-0.21	-17.2	18.3
15,038.0	91.37	359.93	12,314.2	2,374.5	945.7	0.63	0.62	-0.15	-17.5	18.2
15,052.0	91.46	359.90	12,313.9	2,388.5	945.7	0.68	0.64	-0.21	-17.9	18.2
15,065.0	91.55	359.87	12,313.5	2,401.5	945.7	0.73	0.69	-0.23	-18.2	18.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
15,079.0	91.66	359.84	12,313.1	2,415.5	945.6	0.81	0.79	-0.21	-18.6	18.0
15,093.0	91.79	359.79	12,312.7	2,429.5	945.6	0.99	0.93	-0.36	-19.0	18.0
15,106.0	91.92	359.75	12,312.3	2,442.5	945.5	1.05	1.00	-0.31	-19.4	18.0
15,120.0	92.06	359.70	12,311.8	2,456.5	945.5	1.06	1.00	-0.36	-19.9	17.9
15,134.0	92.18	359.64	12,311.3	2,470.4	945.4	0.96	0.86	-0.43	-20.4	17.9
15,148.0	91.96	359.81	12,310.8	2,484.4	945.3	1.99	-1.57	1.21	-20.9	17.9
15,161.0	90.77	0.42	12,310.5	2,497.4	945.3	10.29	-9.15	4.69	-21.3	17.8
15,175.0	90.70	0.35	12,310.3	2,511.4	945.4	0.71	-0.50	-0.50	-21.4	17.6
15,189.0	90.73	0.25	12,310.1	2,525.4	945.5	0.75	0.21	-0.71	-21.6	17.4
15,202.0	90.73	0.14	12,310.0	2,538.4	945.6	0.85	0.00	-0.85	-21.8	17.3
15,216.0	90.71	0.03	12,309.8	2,552.4	945.6	0.80	-0.14	-0.79	-21.9	17.2
15,229.0	90.68	359.91	12,309.6	2,565.4	945.6	0.95	-0.23	-0.92	-22.1	17.1
15,243.0	90.25	359.72	12,309.5	2,579.4	945.5	3.36	-3.07	-1.36	-22.2	17.1
15,256.0	89.20	359.35	12,309.6	2,592.4	945.4	8.56	-8.08	-2.85	-22.2	17.1
15,270.0	89.02	359.10	12,309.8	2,606.4	945.2	2.20	-1.29	-1.79	-21.9	17.2
15,284.0	88.87	358.92	12,310.0	2,620.4	945.0	1.67	-1.07	-1.29	-21.7	17.4
15,297.0	88.69	358.73	12,310.3	2,633.4	944.7	2.01	-1.38	-1.46	-21.4	17.5
15,311.0	88.51	358.54	12,310.7	2,647.4	944.4	1.87	-1.29	-1.36	-21.1	17.8
15,324.0	88.34	358.36	12,311.0	2,660.4	944.0	1.90	-1.31	-1.38	-20.7	18.1
15,338.0	88.26	358.33	12,311.4	2,674.4	943.6	0.61	-0.57	-0.21	-20.3	18.4
15,351.0	88.50	359.01	12,311.8	2,687.4	943.3	5.55	1.85	5.23	-19.9	18.6
15,365.0	88.50	358.96	12,312.2	2,701.4	943.1	0.36	0.00	-0.36	-19.5	18.7
15,379.0	88.58	358.88	12,312.5	2,715.4	942.8	0.81	0.57	-0.57	-19.2	18.9
15,392.0	88.72	358.83	12,312.8	2,728.4	942.6	1.14	1.08	-0.38	-18.9	19.1
15,406.0	88.90	358.79	12,313.1	2,742.3	942.3	1.32	1.29	-0.29	-18.6	19.3
15,420.0	89.09	358.78	12,313.4	2,756.3	942.0	1.36	1.36	-0.07	-18.3	19.5
15,434.0	89.36	358.82	12,313.6	2,770.3	941.7	1.95	1.93	0.29	-18.1	19.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
15,447.0	90.04	358.99	12,313.6	2,783.3	941.4	5.39	5.23	1.31	-18.1	19.9
15,461.0	90.42	359.42	12,313.6	2,797.3	941.2	4.10	2.71	3.07	-18.1	20.0
15,475.0	90.65	359.57	12,313.4	2,811.3	941.1	1.96	1.64	1.07	-18.3	20.0
15,488.0	90.89	359.76	12,313.3	2,824.3	941.0	2.35	1.85	1.46	-18.4	20.0
15,502.0	91.14	359.97	12,313.0	2,838.3	941.0	2.33	1.79	1.50	-18.7	19.9
15,515.0	91.38	0.18	12,312.7	2,851.3	941.0	2.45	1.85	1.62	-19.0	19.8
15,529.0	91.61	0.38	12,312.4	2,865.3	941.1	2.18	1.64	1.43	-19.3	19.7
15,542.0	91.73	0.56	12,312.0	2,878.3	941.2	1.66	0.92	1.38	-19.7	19.5
15,556.0	91.09	0.78	12,311.6	2,892.3	941.4	4.83	-4.57	1.57	-20.1	19.2
15,570.0	91.18	0.86	12,311.4	2,906.3	941.6	0.86	0.64	0.57	-20.3	18.9
15,583.0	91.23	0.91	12,311.1	2,919.3	941.8	0.54	0.38	0.38	-20.6	18.7
15,597.0	91.26	0.95	12,310.8	2,933.3	942.0	0.36	0.21	0.29	-20.9	18.3
15,610.0	91.27	0.97	12,310.5	2,946.3	942.2	0.17	0.08	0.15	-21.2	18.0
15,624.0	91.26	0.96	12,310.2	2,960.3	942.4	0.10	-0.07	-0.07	-21.5	17.7
15,637.0	91.21	0.93	12,309.9	2,973.3	942.7	0.45	-0.38	-0.23	-21.8	17.4
15,651.0	91.13	0.87	12,309.6	2,987.3	942.9	0.71	-0.57	-0.43	-22.1	17.1
15,665.0	91.00	0.76	12,309.4	3,001.3	943.1	1.22	-0.93	-0.79	-22.3	16.8
15,678.0	90.83	0.62	12,309.2	3,014.3	943.2	1.69	-1.31	-1.08	-22.5	16.6
15,692.0	90.64	0.46	12,309.0	3,028.3	943.4	1.77	-1.36	-1.14	-22.7	16.4
15,706.0	90.45	0.31	12,308.8	3,042.3	943.5	1.73	-1.36	-1.07	-22.8	16.2
15,720.0	90.27	0.18	12,308.8	3,056.3	943.5	1.59	-1.29	-0.93	-22.9	16.0
15,733.0	90.12	0.07	12,308.7	3,069.3	943.5	1.43	-1.15	-0.85	-23.0	15.9
15,747.0	90.00	0.03	12,308.7	3,083.3	943.6	0.90	-0.86	-0.29	-23.0	15.8
15,761.0	89.95	0.08	12,308.7	3,097.3	943.6	0.51	-0.36	0.36	-23.0	15.7
15,774.0	89.95	0.18	12,308.7	3,110.3	943.6	0.77	0.00	0.77	-23.0	15.6
15,788.0	88.84	0.40	12,308.9	3,124.3	943.7	8.08	-7.93	1.57	-22.8	15.4
15,801.0	87.40	0.76	12,309.3	3,137.3	943.8	11.42	-11.08	2.77	-22.4	15.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
15,815.0	87.47	0.91	12,309.9	3,151.2	944.0	1.18	0.50	1.07	-21.7	14.9
15,828.0	87.55	1.08	12,310.5	3,164.2	944.2	1.44	0.62	1.31	-21.2	14.6
15,842.0	87.65	1.23	12,311.1	3,178.2	944.5	1.29	0.71	1.07	-20.6	14.3
15,855.0	87.77	1.33	12,311.6	3,191.2	944.8	1.20	0.92	0.77	-20.1	13.9
15,869.0	88.49	1.77	12,312.0	3,205.2	945.2	6.03	5.14	3.14	-19.6	13.4
15,882.0	89.90	2.47	12,312.2	3,218.2	945.7	12.11	10.85	5.38	-19.4	12.8
15,896.0	90.55	2.67	12,312.2	3,232.2	946.3	4.86	4.64	1.43	-19.5	12.1
15,909.0	90.68	2.71	12,312.0	3,245.1	946.9	1.05	1.00	0.31	-19.6	11.4
15,923.0	90.81	2.74	12,311.8	3,259.1	947.6	0.95	0.93	0.21	-19.8	10.6
15,936.0	90.92	2.77	12,311.7	3,272.1	948.2	0.88	0.85	0.23	-20.0	9.9
15,950.0	90.99	2.79	12,311.4	3,286.1	948.9	0.52	0.50	0.14	-20.2	9.2
15,963.0	91.04	2.82	12,311.2	3,299.1	949.5	0.45	0.38	0.23	-20.5	8.5
15,977.0	91.07	2.83	12,310.9	3,313.1	950.2	0.23	0.21	0.07	-20.7	7.7
15,991.0	91.08	2.84	12,310.7	3,327.0	950.9	0.10	0.07	0.07	-21.0	6.9
16,005.0	91.09	2.82	12,310.4	3,341.0	951.6	0.16	0.07	-0.14	-21.2	6.1
16,018.0	91.10	2.78	12,310.2	3,354.0	952.2	0.32	0.08	-0.31	-21.5	5.4
16,032.0	91.10	2.70	12,309.9	3,368.0	952.9	0.57	0.00	-0.57	-21.8	4.6
16,046.0	91.10	2.56	12,309.6	3,382.0	953.5	1.00	0.00	-1.00	-22.0	3.9
16,059.0	91.10	2.39	12,309.4	3,394.9	954.1	1.31	0.00	-1.31	-22.3	3.3
16,073.0	91.09	2.20	12,309.1	3,408.9	954.6	1.36	-0.07	-1.36	-22.5	2.6
16,086.0	91.09	2.01	12,308.9	3,421.9	955.1	1.46	0.00	-1.46	-22.8	2.1
16,100.0	91.09	1.83	12,308.6	3,435.9	955.6	1.29	0.00	-1.29	-23.1	1.5
16,113.0	89.64	0.97	12,308.5	3,448.9	955.9	12.97	-11.15	-6.62	-23.1	1.1
16,127.0	88.53	0.02	12,308.7	3,462.9	956.0	10.44	-7.93	-6.79	-22.9	0.9
16,141.0	88.54	359.89	12,309.1	3,476.9	956.0	0.93	0.07	-0.93	-22.5	0.8
16,154.0	88.55	359.77	12,309.4	3,489.9	956.0	0.93	0.08	-0.92	-22.2	0.8
16,168.0	88.56	359.64	12,309.8	3,503.9	955.9	0.93	0.07	-0.93	-21.9	0.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,181.0	88.58	359.53	12,310.1	3,516.9	955.8	0.86	0.15	-0.85	-21.5	0.8
16,195.0	88.61	359.42	12,310.4	3,530.9	955.7	0.81	0.21	-0.79	-21.2	0.8
16,208.0	88.64	359.33	12,310.7	3,543.9	955.5	0.73	0.23	-0.69	-20.9	0.8
16,222.0	88.69	359.26	12,311.1	3,557.9	955.4	0.61	0.36	-0.50	-20.6	0.9
16,236.0	88.77	359.21	12,311.4	3,571.9	955.2	0.67	0.57	-0.36	-20.2	1.0
16,249.0	88.86	359.19	12,311.7	3,584.9	955.0	0.71	0.69	-0.15	-20.0	1.1
16,263.0	88.96	359.17	12,311.9	3,598.9	954.8	0.73	0.71	-0.14	-19.7	1.2
16,277.0	89.05	359.15	12,312.2	3,612.9	954.6	0.66	0.64	-0.14	-19.5	1.3
16,291.0	89.14	359.13	12,312.4	3,626.9	954.4	0.66	0.64	-0.14	-19.2	1.5
16,304.0	90.20	359.71	12,312.5	3,639.9	954.3	9.29	8.15	4.46	-19.2	1.5
16,318.0	90.61	359.88	12,312.4	3,653.9	954.2	3.17	2.93	1.21	-19.3	1.5
16,332.0	90.62	359.79	12,312.2	3,667.9	954.2	0.65	0.07	-0.64	-19.4	1.4
16,345.0	90.62	359.68	12,312.1	3,680.9	954.1	0.85	0.00	-0.85	-19.5	1.4
16,359.0	90.61	359.56	12,311.9	3,694.9	954.0	0.86	-0.07	-0.86	-19.7	1.4
16,372.0	90.59	359.44	12,311.8	3,707.8	953.9	0.94	-0.15	-0.92	-19.8	1.4
16,386.0	90.57	359.32	12,311.6	3,721.8	953.8	0.87	-0.14	-0.86	-20.0	1.5
16,399.0	90.56	359.21	12,311.5	3,734.8	953.6	0.85	-0.08	-0.85	-20.1	1.6
16,413.0	90.56	359.10	12,311.4	3,748.8	953.4	0.79	0.00	-0.79	-20.2	1.7
16,427.0	90.58	359.02	12,311.2	3,762.8	953.1	0.59	0.14	-0.57	-20.4	1.8
16,440.0	90.61	358.95	12,311.1	3,775.8	952.9	0.59	0.23	-0.54	-20.5	2.0
16,454.0	90.65	358.89	12,310.9	3,789.8	952.7	0.52	0.29	-0.43	-20.7	2.2
16,468.0	90.70	358.84	12,310.8	3,803.8	952.4	0.51	0.36	-0.36	-20.8	2.3
16,482.0	90.76	358.78	12,310.6	3,817.8	952.1	0.61	0.43	-0.43	-21.0	2.5
16,495.0	90.83	358.72	12,310.4	3,830.8	951.8	0.71	0.54	-0.46	-21.2	2.7
16,509.0	90.92	358.66	12,310.2	3,844.8	951.5	0.77	0.64	-0.43	-21.4	3.0
16,523.0	91.02	358.57	12,310.0	3,858.8	951.1	0.96	0.71	-0.64	-21.6	3.2
16,536.0	91.14	358.48	12,309.7	3,871.8	950.8	1.15	0.92	-0.69	-21.9	3.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,550.0	91.26	358.39	12,309.4	3,885.8	950.4	1.07	0.86	-0.64	-22.2	3.8
16,563.0	91.38	358.31	12,309.1	3,898.8	950.1	1.11	0.92	-0.62	-22.5	4.1
16,577.0	91.50	358.23	12,308.8	3,912.8	949.6	1.03	0.86	-0.57	-22.8	4.4
16,590.0	91.60	358.18	12,308.4	3,925.8	949.2	0.86	0.77	-0.38	-23.2	4.7
16,604.0	91.68	358.16	12,308.0	3,939.8	948.8	0.59	0.57	-0.14	-23.6	5.1
16,615.0	91.71	358.18	12,307.7	3,950.7	948.4	0.33	0.27	0.18	-23.9	5.3
16,625.0	91.74	358.22	12,307.4	3,960.7	948.1	0.50	0.30	0.40	-24.2	5.6
16,636.0	91.00	358.32	12,307.1	3,971.7	947.8	6.79	-6.73	0.91	-24.4	5.9
16,649.0	90.30	358.43	12,307.0	3,984.7	947.4	5.45	-5.38	0.85	-24.6	6.1
16,661.0	90.55	358.50	12,306.9	3,996.7	947.1	2.16	2.08	0.58	-24.7	6.4
16,674.0	90.83	358.57	12,306.7	4,009.7	946.8	2.22	2.15	0.54	-24.8	6.6
16,686.0	91.11	358.62	12,306.5	4,021.7	946.5	2.37	2.33	0.42	-25.0	6.9
16,699.0	90.63	359.20	12,306.3	4,034.7	946.2	5.79	-3.69	4.46	-25.2	7.0
16,713.0	90.55	359.37	12,306.2	4,048.7	946.0	1.34	-0.57	1.21	-25.4	7.1
16,726.0	90.70	359.28	12,306.1	4,061.7	945.9	1.35	1.15	-0.69	-25.5	7.2
16,740.0	90.82	359.16	12,305.9	4,075.7	945.7	1.21	0.86	-0.86	-25.7	7.3
16,754.0	90.93	359.05	12,305.7	4,089.7	945.5	1.11	0.79	-0.79	-25.9	7.4
16,768.0	91.04	358.96	12,305.4	4,103.7	945.2	1.02	0.79	-0.64	-26.1	7.6
16,781.0	89.77	358.65	12,305.3	4,116.7	945.0	10.06	-9.77	-2.38	-26.2	7.7
16,795.0	88.74	358.70	12,305.5	4,130.7	944.6	7.37	-7.36	0.36	-26.1	8.0
16,809.0	88.85	358.72	12,305.8	4,144.7	944.3	0.80	0.79	0.14	-25.8	8.2
16,822.0	88.97	358.77	12,306.1	4,157.7	944.0	1.00	0.92	0.38	-25.5	8.4
16,836.0	89.09	358.83	12,306.3	4,171.7	943.7	0.96	0.86	0.43	-25.3	8.6
16,849.0	89.22	358.92	12,306.5	4,184.7	943.5	1.22	1.00	0.69	-25.1	8.8
16,863.0	89.35	359.01	12,306.7	4,198.7	943.2	1.13	0.93	0.64	-24.9	8.9
16,876.0	89.50	359.12	12,306.8	4,211.7	943.0	1.43	1.15	0.85	-24.8	9.1
16,890.0	89.66	359.25	12,306.9	4,225.6	942.8	1.47	1.14	0.93	-24.7	9.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,904.0	89.85	359.40	12,306.9	4,239.6	942.7	1.73	1.36	1.07	-24.6	9.2
16,917.0	90.06	359.56	12,307.0	4,252.6	942.5	2.03	1.62	1.23	-24.6	9.3
16,931.0	90.26	359.72	12,306.9	4,266.6	942.5	1.83	1.43	1.14	-24.6	9.3
16,944.0	90.45	359.88	12,306.8	4,279.6	942.4	1.91	1.46	1.23	-24.7	9.2
16,958.0	90.62	0.01	12,306.7	4,293.6	942.4	1.53	1.21	0.93	-24.8	9.2
16,971.0	90.74	0.11	12,306.6	4,306.6	942.4	1.20	0.92	0.77	-25.0	9.1
16,985.0	90.80	0.15	12,306.4	4,320.6	942.4	0.52	0.43	0.29	-25.2	8.9
16,999.0	90.74	0.11	12,306.2	4,334.6	942.5	0.52	-0.43	-0.29	-25.4	8.8
17,012.0	90.62	0.01	12,306.0	4,347.6	942.5	1.20	-0.92	-0.77	-25.5	8.7
17,026.0	90.47	359.89	12,305.9	4,361.6	942.5	1.37	-1.07	-0.86	-25.7	8.6
17,040.0	90.30	359.75	12,305.8	4,375.6	942.4	1.57	-1.21	-1.00	-25.7	8.6
17,054.0	90.15	359.63	12,305.7	4,389.6	942.4	1.37	-1.07	-0.86	-25.8	8.6
17,067.0	89.87	359.36	12,305.7	4,402.6	942.2	2.99	-2.15	-2.08	-25.8	8.6
17,081.0	88.47	359.61	12,305.9	4,416.6	942.1	10.16	-10.00	1.79	-25.6	8.7
17,095.0	88.41	359.56	12,306.3	4,430.6	942.0	0.56	-0.43	-0.36	-25.2	8.7
17,108.0	88.37	359.53	12,306.7	4,443.6	941.9	0.38	-0.31	-0.23	-24.8	8.7
17,122.0	88.34	359.51	12,307.1	4,457.6	941.8	0.26	-0.21	-0.14	-24.4	8.7
17,135.0	88.31	359.50	12,307.5	4,470.6	941.7	0.24	-0.23	-0.08	-24.1	8.7
17,149.0	88.28	359.48	12,307.9	4,484.6	941.6	0.26	-0.21	-0.14	-23.6	8.8
17,162.0	88.25	359.47	12,308.3	4,497.6	941.4	0.24	-0.23	-0.08	-23.3	8.8
17,176.0	88.21	359.45	12,308.7	4,511.6	941.3	0.32	-0.29	-0.14	-22.8	8.9
17,190.0	88.17	359.43	12,309.2	4,525.6	941.2	0.32	-0.29	-0.14	-22.4	8.9
17,203.0	88.12	359.41	12,309.6	4,538.6	941.0	0.41	-0.38	-0.15	-22.0	8.9
17,217.0	88.07	359.38	12,310.0	4,552.6	940.9	0.42	-0.36	-0.21	-21.5	9.0
17,230.0	88.02	359.36	12,310.5	4,565.6	940.7	0.41	-0.38	-0.15	-21.0	9.1
17,244.0	87.99	359.36	12,311.0	4,579.6	940.6	0.21	-0.21	0.00	-20.5	9.1
17,257.0	87.98	359.36	12,311.4	4,592.5	940.4	0.08	-0.08	0.00	-20.1	9.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,271.0	87.99	359.39	12,311.9	4,606.5	940.3	0.23	0.07	0.21	-19.6	9.3
17,285.0	88.05	359.45	12,312.4	4,620.5	940.2	0.61	0.43	0.43	-19.1	9.3
17,298.0	88.13	359.54	12,312.8	4,633.5	940.0	0.93	0.62	0.69	-18.7	9.3
17,312.0	88.23	359.63	12,313.3	4,647.5	939.9	0.96	0.71	0.64	-18.2	9.3
17,325.0	88.33	359.73	12,313.7	4,660.5	939.9	1.09	0.77	0.77	-17.8	9.3
17,339.0	88.43	359.82	12,314.1	4,674.5	939.8	0.96	0.71	0.64	-17.4	9.3
17,352.0	88.57	359.33	12,314.4	4,687.5	939.7	3.92	1.08	-3.77	-17.1	9.3
17,366.0	89.50	358.71	12,314.6	4,701.5	939.5	7.98	6.64	-4.43	-16.9	9.5
17,380.0	90.05	359.00	12,314.7	4,715.5	939.2	4.44	3.93	2.07	-16.8	9.6
17,393.0	90.12	359.07	12,314.7	4,728.5	939.0	0.76	0.54	0.54	-16.8	9.8
17,407.0	90.19	359.14	12,314.6	4,742.5	938.8	0.71	0.50	0.50	-16.9	9.9
17,420.0	90.26	359.22	12,314.6	4,755.5	938.6	0.82	0.54	0.62	-16.9	10.0
17,434.0	90.36	359.29	12,314.5	4,769.5	938.4	0.87	0.71	0.50	-17.0	10.1
17,447.0	90.48	359.37	12,314.4	4,782.5	938.2	1.11	0.92	0.62	-17.1	10.2
17,461.0	90.64	359.46	12,314.3	4,796.5	938.1	1.31	1.14	0.64	-17.2	10.2
17,475.0	90.86	359.55	12,314.1	4,810.5	938.0	1.70	1.57	0.64	-17.4	10.3
17,488.0	91.13	359.64	12,313.9	4,823.5	937.9	2.19	2.08	0.69	-17.6	10.3
17,502.0	91.41	359.73	12,313.6	4,837.5	937.8	2.10	2.00	0.64	-17.9	10.3
17,516.0	91.70	359.82	12,313.2	4,851.5	937.8	2.17	2.07	0.64	-18.3	10.2
17,530.0	91.98	359.91	12,312.7	4,865.5	937.7	2.10	2.00	0.64	-18.8	10.2
17,543.0	92.24	0.00	12,312.3	4,878.4	937.7	2.12	2.00	0.69	-19.2	10.1
17,557.0	92.47	0.08	12,311.7	4,892.4	937.7	1.74	1.64	0.57	-19.8	10.0
17,571.0	92.62	0.16	12,311.1	4,906.4	937.7	1.21	1.07	0.57	-20.4	9.9
17,584.0	92.74	0.23	12,310.5	4,919.4	937.8	1.07	0.92	0.54	-21.0	9.7
17,598.0	92.83	0.30	12,309.8	4,933.4	937.9	0.81	0.64	0.50	-21.7	9.6
17,611.0	92.90	0.36	12,309.1	4,946.4	937.9	0.71	0.54	0.46	-22.4	9.4
17,625.0	92.96	0.41	12,308.4	4,960.4	938.0	0.56	0.43	0.36	-23.1	9.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,638.0	91.98	0.15	12,307.8	4,973.3	938.1	7.80	-7.54	-2.00	-23.6	9.1
17,652.0	90.48	359.97	12,307.5	4,987.3	938.1	10.79	-10.71	-1.29	-23.9	9.0
17,666.0	90.51	359.98	12,307.4	5,001.3	938.1	0.23	0.21	0.07	-24.1	8.9
17,679.0	90.53	359.97	12,307.3	5,014.3	938.1	0.17	0.15	-0.08	-24.2	8.8
17,693.0	90.55	359.97	12,307.2	5,028.3	938.1	0.14	0.14	0.00	-24.3	8.7
17,706.0	90.58	359.96	12,307.0	5,041.3	938.1	0.24	0.23	-0.08	-24.4	8.7
17,720.0	90.63	359.97	12,306.9	5,055.3	938.1	0.36	0.36	0.07	-24.6	8.6
17,733.0	90.71	0.01	12,306.7	5,068.3	938.1	0.69	0.62	0.31	-24.7	8.5
17,747.0	90.84	0.07	12,306.6	5,082.3	938.1	1.02	0.93	0.43	-24.9	8.4
17,761.0	91.06	0.20	12,306.3	5,096.3	938.1	1.83	1.57	0.93	-25.1	8.3
17,774.0	91.33	0.36	12,306.1	5,109.3	938.2	2.41	2.08	1.23	-25.4	8.1
17,788.0	91.62	0.52	12,305.7	5,123.3	938.3	2.37	2.07	1.14	-25.8	7.9
17,802.0	91.91	0.68	12,305.3	5,137.3	938.4	2.37	2.07	1.14	-26.2	7.7
17,816.0	92.19	0.80	12,304.8	5,151.3	938.6	2.18	2.00	0.86	-26.7	7.4
17,829.0	91.57	1.12	12,304.3	5,164.3	938.8	5.37	-4.77	2.46	-27.1	7.1
17,843.0	90.47	1.96	12,304.1	5,178.3	939.2	9.89	-7.86	6.00	-27.4	6.7
17,857.0	89.81	2.70	12,304.1	5,192.3	939.8	7.08	-4.71	5.29	-27.4	6.0
17,870.0	89.96	2.57	12,304.1	5,205.3	940.4	1.53	1.15	-1.00	-27.4	5.3
17,884.0	90.10	2.41	12,304.1	5,219.3	941.0	1.52	1.00	-1.14	-27.4	4.6
17,897.0	90.24	2.25	12,304.0	5,232.2	941.5	1.64	1.08	-1.23	-27.4	4.0
17,911.0	90.39	2.12	12,304.0	5,246.2	942.0	1.42	1.07	-0.93	-27.5	3.4
17,924.0	89.76	1.74	12,303.9	5,259.2	942.5	5.66	-4.85	-2.92	-27.5	2.9
17,938.0	88.70	0.92	12,304.1	5,273.2	942.8	9.57	-7.57	-5.86	-27.3	2.4
17,952.0	88.51	0.65	12,304.5	5,287.2	943.0	2.36	-1.36	-1.93	-27.0	2.2
17,965.0	88.74	0.72	12,304.8	5,300.2	943.1	1.85	1.77	0.54	-26.7	1.9
17,979.0	88.99	0.81	12,305.1	5,314.2	943.3	1.90	1.79	0.64	-26.4	1.6
17,992.0	89.23	0.91	12,305.3	5,327.2	943.5	2.00	1.85	0.77	-26.2	1.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
18,006.0	89.45	1.02	12,305.4	5,341.2	943.8	1.76	1.57	0.79	-26.0	1.0
18,019.0	89.64	1.11	12,305.5	5,354.2	944.0	1.62	1.46	0.69	-25.9	0.7
18,033.0	89.77	1.19	12,305.6	5,368.2	944.3	1.09	0.93	0.57	-25.9	0.3
18,047.0	89.81	1.24	12,305.6	5,382.2	944.6	0.46	0.29	0.36	-25.8	0.0
18,060.0	89.79	1.26	12,305.7	5,395.2	944.9	0.22	-0.15	0.15	-25.8	-0.4
18,074.0	89.75	1.27	12,305.7	5,409.2	945.2	0.29	-0.29	0.07	-25.7	-0.8
18,087.0	89.68	1.28	12,305.8	5,422.2	945.5	0.54	-0.54	0.08	-25.6	-1.2
18,101.0	89.61	1.27	12,305.9	5,436.2	945.8	0.51	-0.50	-0.07	-25.5	-1.6
18,114.0	89.54	1.26	12,306.0	5,449.2	946.1	0.54	-0.54	-0.08	-25.4	-2.0
18,128.0	89.50	1.26	12,306.1	5,463.2	946.4	0.29	-0.29	0.00	-25.3	-2.3
18,142.0	89.50	1.25	12,306.2	5,477.2	946.7	0.07	0.00	-0.07	-25.2	-2.7
18,155.0	89.54	1.24	12,306.3	5,490.2	947.0	0.32	0.31	-0.08	-25.1	-3.1
18,169.0	89.58	1.23	12,306.5	5,504.2	947.3	0.29	0.29	-0.07	-25.0	-3.5
18,183.0	89.65	1.22	12,306.5	5,518.2	947.6	0.51	0.50	-0.07	-24.9	-3.9
18,197.0	89.72	1.20	12,306.6	5,532.1	947.9	0.52	0.50	-0.14	-24.8	-4.3
18,210.0	89.80	1.19	12,306.7	5,545.1	948.1	0.62	0.62	-0.08	-24.8	-4.6
18,224.0	89.88	1.17	12,306.7	5,559.1	948.4	0.59	0.57	-0.14	-24.7	-5.0
18,238.0	89.97	1.14	12,306.7	5,573.1	948.7	0.68	0.64	-0.21	-24.7	-5.4
18,251.0	90.07	1.11	12,306.7	5,586.1	949.0	0.80	0.77	-0.23	-24.7	-5.7
18,265.0	90.18	1.09	12,306.7	5,600.1	949.2	0.80	0.79	-0.14	-24.7	-6.1
18,278.0	90.29	1.06	12,306.6	5,613.1	949.5	0.88	0.85	-0.23	-24.8	-6.4
18,292.0	90.41	1.05	12,306.6	5,627.1	949.7	0.86	0.86	-0.07	-24.9	-6.8
18,305.0	90.55	1.05	12,306.5	5,640.1	950.0	1.08	1.08	0.00	-25.0	-7.1
18,319.0	90.70	1.07	12,306.3	5,654.1	950.2	1.08	1.07	0.14	-25.1	-7.4
18,333.0	90.90	1.13	12,306.1	5,668.1	950.5	1.49	1.43	0.43	-25.3	-7.8
18,346.0	91.11	1.21	12,305.9	5,681.1	950.8	1.73	1.62	0.62	-25.5	-8.1
18,360.0	91.33	1.30	12,305.6	5,695.1	951.1	1.70	1.57	0.64	-25.8	-8.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
18,373.0	91.54	1.40	12,305.3	5,708.1	951.4	1.79	1.62	0.77	-26.2	-8.9
18,387.0	91.75	1.49	12,304.8	5,722.1	951.7	1.63	1.50	0.64	-26.6	-9.4
18,400.0	91.94	1.58	12,304.4	5,735.1	952.1	1.62	1.46	0.69	-27.0	-9.8
18,414.0	92.09	1.66	12,303.9	5,749.1	952.5	1.21	1.07	0.57	-27.5	-10.3
18,428.0	92.19	1.71	12,303.4	5,763.0	952.9	0.80	0.71	0.36	-28.0	-10.8
18,441.0	92.26	1.75	12,302.9	5,776.0	953.3	0.62	0.54	0.31	-28.5	-11.3
18,455.0	92.29	1.78	12,302.4	5,790.0	953.7	0.30	0.21	0.21	-29.0	-11.8
18,469.0	92.31	1.80	12,301.8	5,804.0	954.1	0.20	0.14	0.14	-29.6	-12.3
18,483.0	92.28	1.70	12,301.2	5,818.0	954.6	0.75	-0.21	-0.71	-30.2	-12.8
18,496.0	91.95	0.82	12,300.8	5,831.0	954.8	7.23	-2.54	-6.77	-30.6	-13.2
18,510.0	90.97	359.83	12,300.4	5,845.0	954.9	9.95	-7.00	-7.07	-31.0	-13.4
18,524.0	90.37	359.54	12,300.2	5,859.0	954.9	4.76	-4.29	-2.07	-31.2	-13.4
18,537.0	90.31	359.57	12,300.2	5,872.0	954.8	0.52	-0.46	0.23	-31.2	-13.4
18,551.0	90.24	359.60	12,300.1	5,886.0	954.6	0.54	-0.50	0.21	-31.3	-13.4
18,564.0	90.17	359.64	12,300.0	5,899.0	954.6	0.62	-0.54	0.31	-31.4	-13.4
18,578.0	90.10	359.67	12,300.0	5,913.0	954.5	0.54	-0.50	0.21	-31.4	-13.4
18,591.0	88.71	359.50	12,300.1	5,926.0	954.4	10.77	-10.69	-1.31	-31.2	-13.4
18,605.0	87.42	359.37	12,300.6	5,939.9	954.2	9.26	-9.21	-0.93	-30.8	-13.3
18,619.0	87.40	359.41	12,301.2	5,953.9	954.1	0.32	-0.14	0.29	-30.1	-13.3
18,632.0	87.38	359.44	12,301.8	5,966.9	954.0	0.28	-0.15	0.23	-29.5	-13.2
18,646.0	87.36	359.48	12,302.5	5,980.9	953.8	0.32	-0.14	0.29	-28.9	-13.2
18,660.0	87.35	359.52	12,303.1	5,994.9	953.7	0.29	-0.07	0.29	-28.3	-13.1
18,674.0	87.34	359.56	12,303.8	6,008.9	953.6	0.29	-0.07	0.29	-27.6	-13.1
18,687.0	87.33	359.60	12,304.4	6,021.9	953.5	0.32	-0.08	0.31	-27.0	-13.1
18,701.0	87.33	359.63	12,305.0	6,035.8	953.4	0.21	0.00	0.21	-26.3	-13.1
18,715.0	87.34	359.67	12,305.7	6,049.8	953.3	0.29	0.07	0.29	-25.7	-13.1
18,728.0	87.35	359.70	12,306.3	6,062.8	953.3	0.24	0.08	0.23	-25.1	-13.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
18,742.0	87.37	359.72	12,306.9	6,076.8	953.2	0.20	0.14	0.14	-24.4	-13.1
18,755.0	87.38	359.75	12,307.5	6,089.8	953.1	0.24	0.08	0.23	-23.8	-13.2
18,769.0	87.39	359.77	12,308.2	6,103.8	953.1	0.16	0.07	0.14	-23.2	-13.2
18,782.0	88.05	0.17	12,308.7	6,116.8	953.1	5.94	5.08	3.08	-22.7	-13.3
18,796.0	88.05	0.17	12,309.2	6,130.8	953.1	0.00	0.00	0.00	-22.2	-13.4
18,810.0	88.05	0.17	12,309.6	6,144.7	953.1	0.00	0.00	0.00	-21.7	-13.5
18,823.0	88.04	0.16	12,310.1	6,157.7	953.2	0.11	-0.08	-0.08	-21.3	-13.6
18,837.0	88.03	0.15	12,310.6	6,171.7	953.2	0.10	-0.07	-0.07	-20.8	-13.8
18,851.0	88.01	0.13	12,311.0	6,185.7	953.3	0.20	-0.14	-0.14	-20.3	-13.9
18,865.0	88.01	0.12	12,311.5	6,199.7	953.3	0.07	0.00	-0.07	-19.8	-14.0
18,878.0	88.00	0.11	12,312.0	6,212.7	953.3	0.11	-0.08	-0.08	-19.4	-14.1
18,892.0	88.02	0.10	12,312.5	6,226.7	953.3	0.16	0.14	-0.07	-18.9	-14.2
18,906.0	88.05	0.10	12,312.9	6,240.7	953.4	0.21	0.21	0.00	-18.4	-14.4
18,919.0	88.09	0.11	12,313.4	6,253.7	953.4	0.32	0.31	0.08	-18.0	-14.5
18,933.0	88.14	0.11	12,313.8	6,267.7	953.4	0.36	0.36	0.00	-17.5	-14.6
18,946.0	88.19	0.11	12,314.3	6,280.7	953.4	0.38	0.38	0.00	-17.1	-14.7
18,960.0	88.23	0.11	12,314.7	6,294.7	953.5	0.29	0.29	0.00	-16.7	-14.8
18,973.0	88.27	0.09	12,315.1	6,307.7	953.5	0.34	0.31	-0.15	-16.3	-14.9
18,987.0	88.30	0.05	12,315.5	6,321.6	953.5	0.36	0.21	-0.29	-15.8	-15.0
19,001.0	88.31	359.99	12,315.9	6,335.6	953.5	0.43	0.07	-0.43	-15.4	-15.1
19,014.0	88.31	359.90	12,316.3	6,348.6	953.5	0.69	0.00	-0.69	-15.0	-15.2
19,028.0	88.30	359.80	12,316.7	6,362.6	953.5	0.72	-0.07	-0.71	-14.6	-15.2
19,041.0	88.28	359.70	12,317.1	6,375.6	953.4	0.78	-0.15	-0.77	-14.2	-15.3
19,055.0	88.25	359.59	12,317.5	6,389.6	953.3	0.81	-0.21	-0.79	-13.8	-15.3
19,068.0	89.17	359.31	12,317.8	6,402.6	953.2	7.40	7.08	-2.15	-13.5	-15.2
19,082.0	90.17	359.45	12,317.9	6,416.6	953.0	7.21	7.14	1.00	-13.4	-15.2
19,096.0	90.13	359.34	12,317.9	6,430.6	952.9	0.84	-0.29	-0.79	-13.5	-15.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
19,109.0	90.08	359.23	12,317.9	6,443.6	952.7	0.93	-0.38	-0.85	-13.5	-15.0
19,123.0	90.02	359.11	12,317.8	6,457.6	952.5	0.96	-0.43	-0.86	-13.5	-14.9
19,137.0	89.97	359.00	12,317.8	6,471.6	952.3	0.86	-0.36	-0.79	-13.5	-14.8
19,151.0	89.92	358.88	12,317.9	6,485.6	952.0	0.93	-0.36	-0.86	-13.5	-14.6
19,164.0	89.88	358.75	12,317.9	6,498.6	951.8	1.05	-0.31	-1.00	-13.5	-14.4
19,178.0	89.85	358.63	12,317.9	6,512.6	951.4	0.88	-0.21	-0.86	-13.4	-14.2
19,192.0	89.84	358.51	12,317.9	6,526.6	951.1	0.86	-0.07	-0.86	-13.4	-13.9
19,205.0	89.85	358.40	12,318.0	6,539.6	950.7	0.85	0.08	-0.85	-13.3	-13.7
19,219.0	89.86	358.28	12,318.0	6,553.6	950.3	0.86	0.07	-0.86	-13.3	-13.3
19,232.0	89.89	358.17	12,318.0	6,566.6	949.9	0.88	0.23	-0.85	-13.3	-13.0
19,246.0	89.93	358.06	12,318.1	6,580.6	949.5	0.84	0.29	-0.79	-13.3	-12.7
19,259.0	89.97	357.95	12,318.1	6,593.6	949.0	0.90	0.31	-0.85	-13.2	-12.3
19,273.0	90.03	357.86	12,318.1	6,607.6	948.5	0.77	0.43	-0.64	-13.2	-11.9
19,287.0	90.12	357.79	12,318.1	6,621.5	948.0	0.81	0.64	-0.50	-13.3	-11.4
19,300.0	90.21	357.72	12,318.0	6,634.5	947.5	0.88	0.69	-0.54	-13.3	-11.0
19,314.0	90.31	357.66	12,318.0	6,648.5	946.9	0.83	0.71	-0.43	-13.4	-10.5
19,327.0	90.41	357.59	12,317.9	6,661.5	946.4	0.94	0.77	-0.54	-13.4	-10.1
19,341.0	90.50	357.52	12,317.8	6,675.5	945.8	0.81	0.64	-0.50	-13.6	-9.6
19,354.0	90.58	357.44	12,317.6	6,688.5	945.2	0.87	0.62	-0.62	-13.7	-9.1
19,368.0	90.65	357.35	12,317.5	6,702.5	944.6	0.81	0.50	-0.64	-13.8	-8.5
19,382.0	90.69	357.21	12,317.3	6,716.4	943.9	1.04	0.29	-1.00	-14.0	-8.0
19,395.0	90.70	357.06	12,317.2	6,729.4	943.2	1.16	0.08	-1.15	-14.1	-7.4
19,409.0	90.70	356.91	12,317.0	6,743.4	942.5	1.07	0.00	-1.07	-14.3	-6.7
19,423.0	90.67	356.75	12,316.8	6,757.4	941.7	1.16	-0.21	-1.14	-14.5	-6.1
19,437.0	90.62	356.60	12,316.7	6,771.4	940.9	1.13	-0.36	-1.07	-14.6	-5.3
19,450.0	90.53	356.47	12,316.5	6,784.3	940.1	1.22	-0.69	-1.00	-14.8	-4.6
19,464.0	90.39	356.37	12,316.4	6,798.3	939.3	1.23	-1.00	-0.71	-14.9	-3.8



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
19,478.0	90.17	356.32	12,316.4	6,812.3	938.4	1.61	-1.57	-0.36	-14.9	-3.0
19,491.0	89.91	356.30	12,316.4	6,825.3	937.5	2.01	-2.00	-0.15	-14.9	-2.3
19,505.0	89.65	356.29	12,316.4	6,839.2	936.6	1.86	-1.86	-0.07	-14.9	-1.5
19,518.0	89.40	356.29	12,316.5	6,852.2	935.8	1.92	-1.92	0.00	-14.8	-0.7
19,532.0	89.21	356.29	12,316.7	6,866.2	934.9	1.36	-1.36	0.00	-14.6	0.1
19,545.0	89.17	357.71	12,316.9	6,879.1	934.2	10.93	-0.31	10.92	-14.4	0.7
19,559.0	88.79	359.37	12,317.1	6,893.1	933.8	12.16	-2.71	11.86	-14.2	1.0
19,573.0	88.79	359.61	12,317.4	6,907.1	933.7	1.71	0.00	1.71	-13.9	1.0
19,586.0	88.89	359.60	12,317.7	6,920.1	933.6	0.77	0.77	-0.08	-13.6	1.0
19,600.0	89.03	359.59	12,317.9	6,934.1	933.5	1.00	1.00	-0.07	-13.4	1.0
19,614.0	89.17	359.58	12,318.2	6,948.1	933.4	1.00	1.00	-0.07	-13.1	1.0
19,628.0	89.31	359.57	12,318.3	6,962.1	933.3	1.00	1.00	-0.07	-13.0	1.0
19,641.0	89.43	359.55	12,318.5	6,975.1	933.2	0.94	0.92	-0.15	-12.8	1.0
19,655.0	89.50	359.52	12,318.6	6,989.1	933.1	0.54	0.50	-0.21	-12.7	1.1
19,669.0	89.48	359.47	12,318.7	7,003.1	933.0	0.38	-0.14	-0.36	-12.5	1.1
19,682.0	89.42	359.42	12,318.9	7,016.1	932.9	0.60	-0.46	-0.38	-12.4	1.1
19,696.0	89.33	359.35	12,319.0	7,030.1	932.7	0.81	-0.64	-0.50	-12.3	1.2
19,709.0	89.22	359.29	12,319.2	7,043.1	932.6	0.96	-0.85	-0.46	-12.1	1.3
19,723.0	89.11	359.22	12,319.4	7,057.1	932.4	0.93	-0.79	-0.50	-11.9	1.4
19,736.0	89.00	359.16	12,319.6	7,070.1	932.2	0.96	-0.85	-0.46	-11.7	1.5
19,750.0	88.92	359.10	12,319.9	7,084.1	932.0	0.71	-0.57	-0.43	-11.4	1.6
19,764.0	88.86	359.05	12,320.1	7,098.1	931.8	0.56	-0.43	-0.36	-11.2	1.7
19,777.0	88.83	359.00	12,320.4	7,111.1	931.5	0.45	-0.23	-0.38	-10.9	1.9
19,791.0	88.82	358.96	12,320.7	7,125.1	931.3	0.29	-0.07	-0.29	-10.6	2.0
19,805.0	88.84	358.92	12,321.0	7,139.1	931.0	0.32	0.14	-0.29	-10.3	2.2
19,819.0	88.90	358.89	12,321.2	7,153.1	930.8	0.48	0.43	-0.21	-10.0	2.4
19,832.0	88.99	358.86	12,321.5	7,166.1	930.5	0.73	0.69	-0.23	-9.8	2.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
19,846.0	89.16	358.83	12,321.7	7,180.1	930.2	1.23	1.21	-0.21	-9.6	2.7
19,860.0	89.42	358.82	12,321.9	7,194.1	929.9	1.86	1.86	-0.07	-9.4	2.9
19,873.0	89.73	358.81	12,322.0	7,207.1	929.7	2.39	2.38	-0.08	-9.3	3.1
19,887.0	90.07	358.80	12,322.0	7,221.1	929.4	2.43	2.43	-0.07	-9.3	3.3
19,901.0	90.39	358.78	12,321.9	7,235.1	929.1	2.29	2.29	-0.14	-9.3	3.5
19,915.0	90.68	358.76	12,321.8	7,249.1	928.8	2.08	2.07	-0.14	-9.5	3.7
19,928.0	91.09	359.85	12,321.6	7,262.1	928.6	8.96	3.15	8.38	-9.7	3.8
19,942.0	91.50	359.59	12,321.3	7,276.1	928.6	3.47	2.93	-1.86	-10.0	3.8
19,956.0	91.56	359.48	12,320.9	7,290.0	928.4	0.89	0.43	-0.79	-10.3	3.8
19,969.0	91.57	359.36	12,320.6	7,303.0	928.3	0.93	0.08	-0.92	-10.7	3.8
19,983.0	91.55	359.22	12,320.2	7,317.0	928.1	1.01	-0.14	-1.00	-11.1	3.9
19,996.0	91.50	359.08	12,319.8	7,330.0	927.9	1.14	-0.38	-1.08	-11.4	4.0
20,010.0	91.44	358.93	12,319.5	7,344.0	927.7	1.15	-0.43	-1.07	-11.8	4.2
20,023.0	91.38	358.79	12,319.2	7,357.0	927.4	1.17	-0.46	-1.08	-12.1	4.4
20,037.0	91.31	358.66	12,318.8	7,371.0	927.1	1.05	-0.50	-0.93	-12.4	4.6
20,051.0	91.24	358.54	12,318.5	7,385.0	926.8	0.99	-0.50	-0.86	-12.7	4.8
20,064.0	91.17	358.44	12,318.2	7,398.0	926.4	0.94	-0.54	-0.77	-13.0	5.1
20,078.0	91.13	358.35	12,318.0	7,412.0	926.1	0.70	-0.29	-0.64	-13.3	5.4
20,092.0	91.10	358.27	12,317.7	7,426.0	925.6	0.61	-0.21	-0.57	-13.6	5.7
20,106.0	91.10	358.21	12,317.4	7,440.0	925.2	0.43	0.00	-0.43	-13.8	6.1
20,119.0	91.16	358.17	12,317.2	7,453.0	924.8	0.55	0.46	-0.31	-14.1	6.4
20,133.0	91.29	358.17	12,316.9	7,466.9	924.4	0.93	0.93	0.00	-14.4	6.7
20,146.0	91.54	358.21	12,316.5	7,479.9	923.9	1.95	1.92	0.31	-14.7	7.1
20,160.0	91.85	358.28	12,316.1	7,493.9	923.5	2.27	2.21	0.50	-15.1	7.4
20,173.0	92.19	358.38	12,315.7	7,506.9	923.1	2.73	2.62	0.77	-15.6	7.7
20,187.0	92.54	358.49	12,315.1	7,520.9	922.8	2.62	2.50	0.79	-16.1	8.0
20,200.0	92.84	358.62	12,314.5	7,533.9	922.4	2.51	2.31	1.00	-16.7	8.3



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
20,214.0	92.38	359.23	12,313.8	7,547.9	922.2	5.45	-3.29	4.36	-17.4	8.4
20,227.0	91.72	0.03	12,313.4	7,560.9	922.1	7.97	-5.08	6.15	-17.9	8.4
20,241.0	91.84	0.24	12,312.9	7,574.8	922.1	1.73	0.86	1.50	-18.3	8.3
20,255.0	91.91	0.49	12,312.5	7,588.8	922.2	1.85	0.50	1.79	-18.7	8.1
20,268.0	91.96	0.74	12,312.1	7,601.8	922.3	1.96	0.38	1.92	-19.2	7.9
20,282.0	92.00	0.99	12,311.6	7,615.8	922.6	1.81	0.29	1.79	-19.7	7.6
20,296.0	92.03	1.22	12,311.1	7,629.8	922.8	1.66	0.21	1.64	-20.2	7.2
20,310.0	91.33	1.26	12,310.7	7,643.8	923.1	5.01	-5.00	0.29	-20.6	6.8
20,323.0	91.25	1.31	12,310.4	7,656.8	923.4	0.73	-0.62	0.38	-20.9	6.5
20,337.0	90.51	1.07	12,310.2	7,670.8	923.7	5.56	-5.29	-1.71	-21.1	6.1
20,350.0	90.47	1.23	12,310.0	7,683.8	924.0	1.27	-0.31	1.23	-21.2	5.7
20,364.0	90.52	1.39	12,309.9	7,697.8	924.3	1.20	0.36	1.14	-21.3	5.3
20,377.0	90.56	1.53	12,309.8	7,710.8	924.6	1.12	0.31	1.08	-21.4	4.9
20,390.0	90.60	1.64	12,309.7	7,723.8	925.0	0.90	0.31	0.85	-21.5	4.5
20,404.0	89.89	1.87	12,309.6	7,737.8	925.4	5.33	-5.07	1.64	-21.6	3.9
20,417.0	89.46	1.51	12,309.7	7,750.8	925.8	4.31	-3.31	-2.77	-21.5	3.5
20,431.0	89.46	1.42	12,309.8	7,764.8	926.2	0.64	0.00	-0.64	-21.4	3.0
20,444.0	89.44	1.28	12,309.9	7,777.7	926.5	1.09	-0.15	-1.08	-21.3	2.6
20,458.0	89.42	1.13	12,310.1	7,791.7	926.8	1.08	-0.14	-1.07	-21.1	2.3
20,471.0	89.40	0.97	12,310.2	7,804.7	927.0	1.24	-0.15	-1.23	-21.0	1.9
20,485.0	89.38	0.85	12,310.4	7,818.7	927.2	0.87	-0.14	-0.86	-20.8	1.6
20,498.0	88.99	0.59	12,310.5	7,831.7	927.4	3.61	-3.00	-2.00	-20.7	1.4
20,512.0	88.69	0.45	12,310.8	7,845.7	927.5	2.36	-2.14	-1.00	-20.4	1.2
20,526.0	88.66	0.48	12,311.2	7,859.7	927.6	0.30	-0.21	0.21	-20.0	1.0
20,539.0	88.64	0.56	12,311.5	7,872.7	927.7	0.63	-0.15	0.62	-19.7	0.8
20,553.0	88.61	0.65	12,311.8	7,886.7	927.9	0.68	-0.21	0.64	-19.4	0.5
20,566.0	88.58	0.75	12,312.1	7,899.7	928.0	0.80	-0.23	0.77	-19.1	0.3



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
20,580.0	88.55	0.84	12,312.5	7,913.7	928.2	0.68	-0.21	0.64	-18.7	0.0
20,593.0	88.52	0.90	12,312.8	7,926.7	928.4	0.52	-0.23	0.46	-18.4	-0.3
20,607.0	88.49	0.91	12,313.2	7,940.7	928.7	0.23	-0.21	0.07	-18.0	-0.6
20,620.0	88.47	0.85	12,313.5	7,953.7	928.9	0.49	-0.15	-0.46	-17.7	-0.9
20,634.0	88.44	0.74	12,313.9	7,967.7	929.0	0.81	-0.21	-0.79	-17.3	-1.2
20,647.0	88.42	0.60	12,314.2	7,980.7	929.2	1.09	-0.15	-1.08	-16.9	-1.4
20,661.0	88.40	0.45	12,314.6	7,994.7	929.3	1.08	-0.14	-1.07	-16.6	-1.6
20,674.0	88.41	0.31	12,315.0	8,007.7	929.4	1.08	0.08	-1.08	-16.2	-1.8
20,688.0	88.43	0.17	12,315.4	8,021.7	929.5	1.01	0.14	-1.00	-15.8	-1.9
20,701.0	88.49	0.07	12,315.7	8,034.7	929.5	0.90	0.46	-0.77	-15.5	-2.1
20,715.0	88.61	0.03	12,316.1	8,048.7	929.5	0.90	0.86	-0.29	-15.1	-2.2
20,728.0	88.76	0.02	12,316.4	8,061.6	929.5	1.16	1.15	-0.08	-14.8	-2.3
20,742.0	88.92	0.03	12,316.7	8,075.6	929.5	1.15	1.14	0.07	-14.5	-2.3
20,755.0	89.09	0.04	12,316.9	8,088.6	929.5	1.31	1.31	0.08	-14.3	-2.4
20,769.0	89.26	0.06	12,317.1	8,102.6	929.5	1.22	1.21	0.14	-14.1	-2.5
20,782.0	89.40	0.06	12,317.2	8,115.6	929.6	1.08	1.08	0.00	-13.9	-2.6
20,796.0	89.51	0.03	12,317.4	8,129.6	929.6	0.81	0.79	-0.21	-13.8	-2.7
20,810.0	89.56	359.96	12,317.5	8,143.6	929.6	0.61	0.36	-0.50	-13.7	-2.8
20,823.0	89.58	359.86	12,317.6	8,156.6	929.5	0.78	0.15	-0.77	-13.6	-2.9
20,837.0	89.56	359.75	12,317.7	8,170.6	929.5	0.80	-0.14	-0.79	-13.5	-2.9
20,850.0	89.54	359.63	12,317.8	8,183.6	929.4	0.94	-0.15	-0.92	-13.4	-2.9
20,864.0	89.50	359.52	12,317.9	8,197.6	929.3	0.84	-0.29	-0.79	-13.3	-2.9
20,877.0	89.46	359.43	12,318.0	8,210.6	929.2	0.76	-0.31	-0.69	-13.1	-2.9
20,891.0	89.43	359.36	12,318.2	8,224.6	929.1	0.54	-0.21	-0.50	-13.0	-2.8
20,904.0	89.39	359.35	12,318.3	8,237.6	928.9	0.32	-0.31	-0.08	-12.9	-2.8
20,918.0	89.36	359.36	12,318.5	8,251.6	928.8	0.23	-0.21	0.07	-12.7	-2.7
20,931.0	89.34	359.39	12,318.6	8,264.6	928.6	0.28	-0.15	0.23	-12.6	-2.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
20,945.0	89.33	359.43	12,318.8	8,278.6	928.5	0.29	-0.07	0.29	-12.4	-2.6
20,958.0	89.33	359.47	12,318.9	8,291.6	928.3	0.31	0.00	0.31	-12.2	-2.6
20,972.0	89.35	359.50	12,319.1	8,305.6	928.2	0.26	0.14	0.21	-12.1	-2.5
20,985.0	89.39	359.52	12,319.2	8,318.6	928.1	0.34	0.31	0.15	-11.9	-2.5
20,999.0	89.48	359.51	12,319.4	8,332.6	928.0	0.65	0.64	-0.07	-11.8	-2.5
21,012.0	89.58	359.47	12,319.5	8,345.6	927.9	0.83	0.77	-0.31	-11.7	-2.4
21,026.0	89.70	359.43	12,319.6	8,359.6	927.7	0.90	0.86	-0.29	-11.6	-2.4
21,039.0	89.82	359.38	12,319.6	8,372.6	927.6	1.00	0.92	-0.38	-11.5	-2.3
21,053.0	89.93	359.33	12,319.6	8,386.6	927.4	0.86	0.79	-0.36	-11.5	-2.3
21,066.0	90.01	359.29	12,319.6	8,399.6	927.3	0.69	0.62	-0.31	-11.5	-2.2
21,080.0	90.06	359.25	12,319.6	8,413.6	927.1	0.46	0.36	-0.29	-11.5	-2.1
21,094.0	90.04	359.22	12,319.6	8,427.6	926.9	0.26	-0.14	-0.21	-11.5	-2.0
21,107.0	89.98	359.20	12,319.6	8,440.6	926.7	0.49	-0.46	-0.15	-11.5	-1.9
21,121.0	89.90	359.19	12,319.6	8,454.6	926.5	0.58	-0.57	-0.07	-11.5	-1.8
21,134.0	89.81	359.19	12,319.7	8,467.6	926.4	0.69	-0.69	0.00	-11.5	-1.7
21,148.0	89.74	359.21	12,319.7	8,481.6	926.2	0.52	-0.50	0.14	-11.4	-1.6
21,161.0	89.68	359.23	12,319.8	8,494.6	926.0	0.49	-0.46	0.15	-11.4	-1.5
21,175.0	89.67	359.28	12,319.9	8,508.6	925.8	0.36	-0.07	0.36	-11.3	-1.4
21,190.0	89.73	359.36	12,319.9	8,523.6	925.6	0.67	0.40	0.53	-11.2	-1.3
21,204.0	89.83	359.46	12,320.0	8,537.6	925.5	1.01	0.71	0.71	-11.1	-1.3
21,219.0	89.97	359.58	12,320.0	8,552.6	925.4	1.23	0.93	0.80	-11.1	-1.3
21,233.0	90.14	359.70	12,320.0	8,566.6	925.3	1.49	1.21	0.86	-11.1	-1.3
21,248.0	90.31	359.84	12,320.0	8,581.6	925.2	1.47	1.13	0.93	-11.2	-1.3
21,263.0	90.50	359.97	12,319.8	8,596.6	925.2	1.53	1.27	0.87	-11.3	-1.4
21,277.0	90.69	0.11	12,319.7	8,610.6	925.2	1.69	1.36	1.00	-11.4	-1.5
21,292.0	90.90	0.25	12,319.5	8,625.6	925.2	1.68	1.40	0.93	-11.6	-1.6
21,307.0	91.10	0.39	12,319.2	8,640.6	925.3	1.63	1.33	0.93	-11.9	-1.8



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
21,321.0	91.31	0.52	12,318.9	8,654.6	925.4	1.76	1.50	0.93	-12.2	-2.0
21,336.0	91.51	0.65	12,318.6	8,669.6	925.6	1.59	1.33	0.87	-12.6	-2.2
21,350.0	91.72	0.77	12,318.2	8,683.6	925.8	1.73	1.50	0.86	-12.9	-2.5
21,365.0	91.93	0.87	12,317.7	8,698.6	926.0	1.55	1.40	0.67	-13.4	-2.8
21,379.0	92.12	0.94	12,317.2	8,712.6	926.2	1.45	1.36	0.50	-13.9	-3.1
21,392.0	92.31	0.99	12,316.7	8,725.6	926.4	1.51	1.46	0.38	-14.4	-3.4
21,406.0	92.49	1.04	12,316.1	8,739.5	926.7	1.33	1.29	0.36	-15.0	-3.8
21,419.0	92.66	1.08	12,315.5	8,752.5	926.9	1.34	1.31	0.31	-15.6	-4.1
21,433.0	91.40	0.97	12,315.0	8,766.5	927.2	9.03	-9.00	-0.79	-16.1	-4.4
21,446.0	90.23	0.75	12,314.8	8,779.5	927.4	9.16	-9.00	-1.69	-16.3	-4.7
21,460.0	89.36	0.49	12,314.9	8,793.5	927.5	6.49	-6.21	-1.86	-16.2	-5.0
21,474.0	88.55	0.37	12,315.2	8,807.5	927.6	5.85	-5.79	-0.86	-16.0	-5.2
21,487.0	88.70	0.45	12,315.5	8,820.5	927.7	1.31	1.15	0.62	-15.6	-5.3
21,501.0	88.85	0.53	12,315.8	8,834.5	927.8	1.21	1.07	0.57	-15.3	-5.5
21,514.0	88.99	0.60	12,316.0	8,847.5	928.0	1.20	1.08	0.54	-15.1	-5.8
21,528.0	89.13	0.67	12,316.2	8,861.5	928.1	1.12	1.00	0.50	-14.9	-6.0
21,541.0	89.25	0.74	12,316.4	8,874.5	928.3	1.07	0.92	0.54	-14.7	-6.2
21,555.0	89.36	0.78	12,316.6	8,888.5	928.5	0.84	0.79	0.29	-14.5	-6.5
21,569.0	89.44	0.80	12,316.7	8,902.5	928.6	0.59	0.57	0.14	-14.4	-6.8
21,582.0	89.51	0.80	12,316.9	8,915.5	928.8	0.54	0.54	0.00	-14.2	-7.1
21,596.0	89.56	0.79	12,317.0	8,929.5	929.0	0.36	0.36	-0.07	-14.1	-7.3
21,609.0	89.60	0.77	12,317.1	8,942.5	929.2	0.34	0.31	-0.15	-14.0	-7.6
21,623.0	89.64	0.75	12,317.2	8,956.5	929.4	0.32	0.29	-0.14	-13.9	-7.9
21,636.0	89.67	0.73	12,317.2	8,969.5	929.6	0.28	0.23	-0.15	-13.9	-8.1
21,650.0	89.71	0.72	12,317.3	8,983.5	929.7	0.29	0.29	-0.07	-13.8	-8.4
21,744.0	90.41	0.77	12,317.2	9,077.5	930.9	0.75	0.74	0.05	-13.9	-10.2
21,839.0	92.08	1.32	12,315.2	9,172.4	932.7	1.85	1.76	0.58	-15.9	-12.6



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #705H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
21,934.0	92.21	0.09	12,311.6	9,267.3	933.8	1.30	0.14	-1.29	-19.5	-14.4	
22,029.0	88.84	357.47	12,310.7	9,362.3	931.8	4.49	-3.55	-2.76	-20.3	-12.9	
22,123.0	89.58	359.20	12,312.0	9,456.2	929.1	2.00	0.79	1.84	-19.0	-10.8	
22,218.0	88.00	358.14	12,314.0	9,551.2	926.9	2.00	-1.66	-1.12	-17.0	-9.2	
22,313.0	88.00	358.90	12,317.3	9,646.1	924.4	0.80	0.00	0.80	-13.7	-7.4	
22,408.0	89.46	359.54	12,319.5	9,741.1	923.1	1.68	1.54	0.67	-11.6	-6.7	
22,503.0	88.40	356.24	12,321.2	9,836.0	919.7	3.65	-1.12	-3.47	-9.8	-3.8	
Last MWD Survey (MD=22503.0')											
22,631.0	88.40	356.24	12,324.8	9,963.7	911.3	0.00	0.00	0.00	-6.2	3.7	
Projection to Bit (MD=22631.0')											

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
12,030.0	11,911.6	-429.1	962.4	KOP, MD:12030.0', TVD:11911.6', N/S:-429.1', E/W:962.4', INC:2.29	
12,192.2	12,062.8	-377.2	965.1	FTP Crossing, MD:12192.2', TVD:12062.8', N/S:-377.2', E/W:965.1', INC:31.74	
22,503.0	12,321.2	9,836.0	919.7	Last MWD Survey (MD=22503.0')	
22,631.0	12,324.8	9,963.7	911.3	Projection to Bit (MD=22631.0')	

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THI SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 07/25/2022



Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com #705H

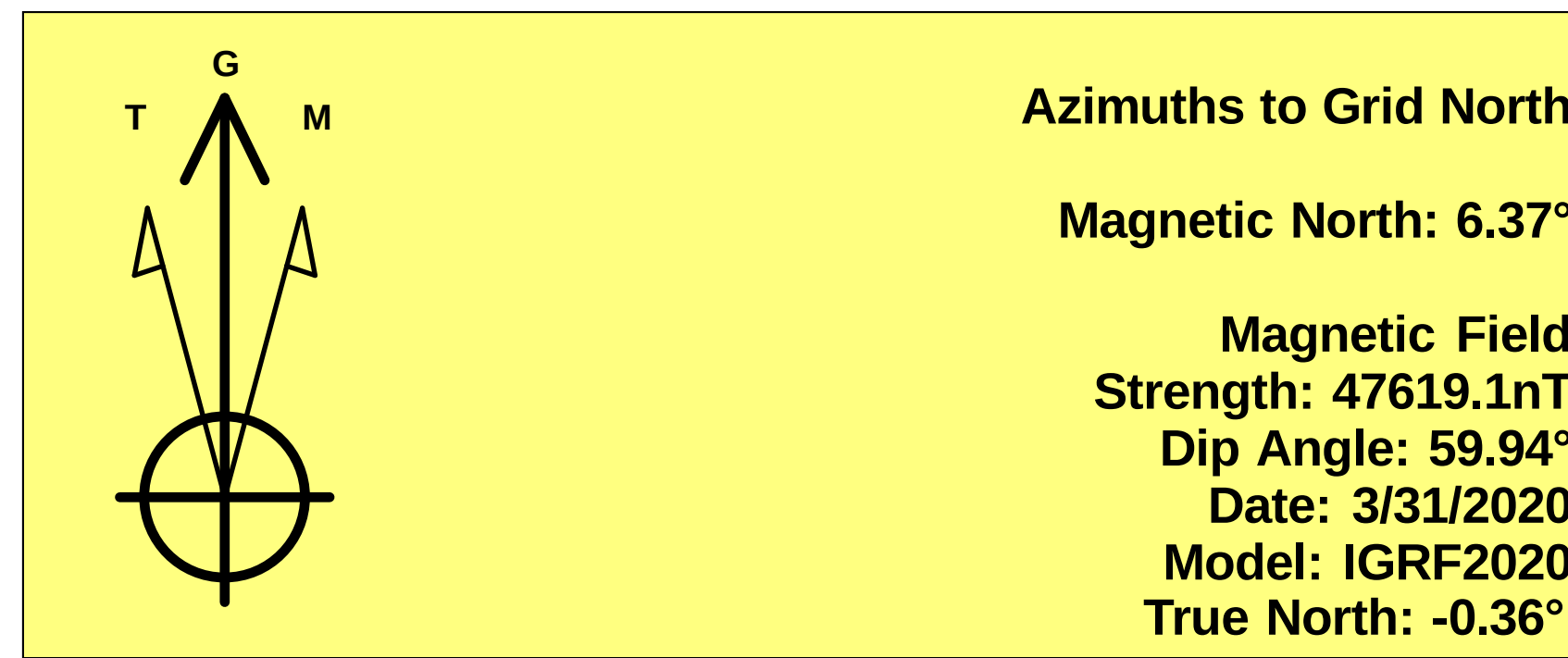
Plan #1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

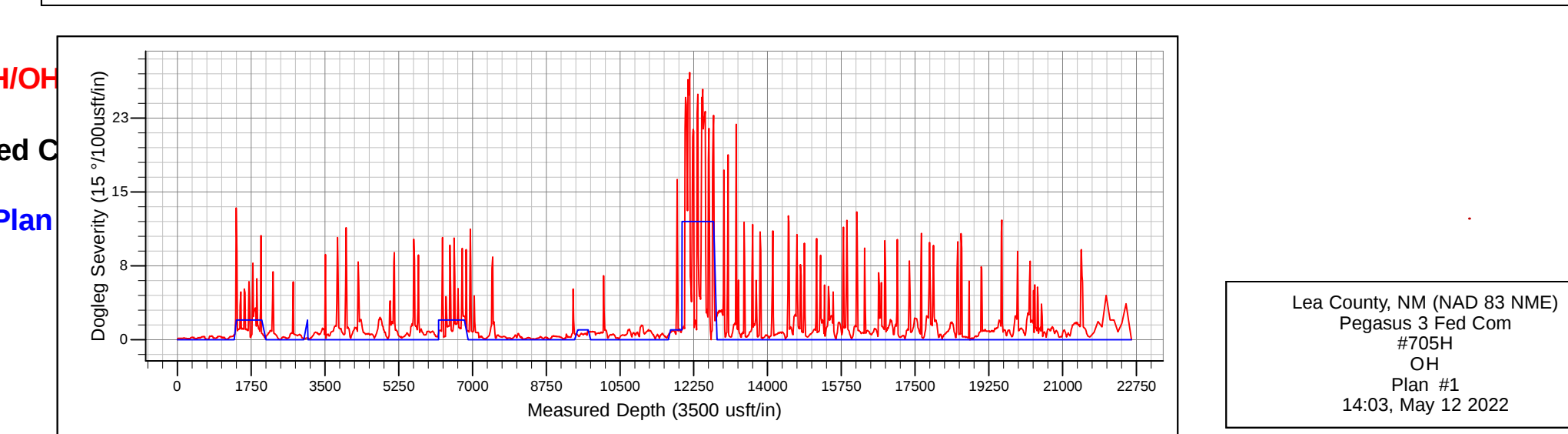
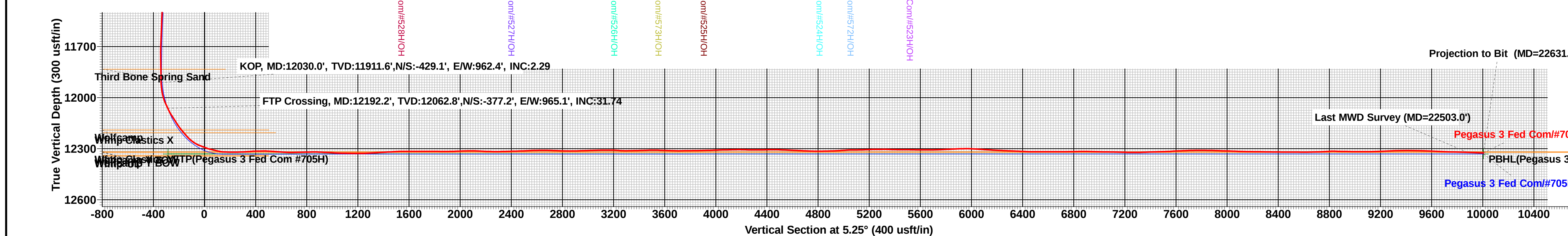
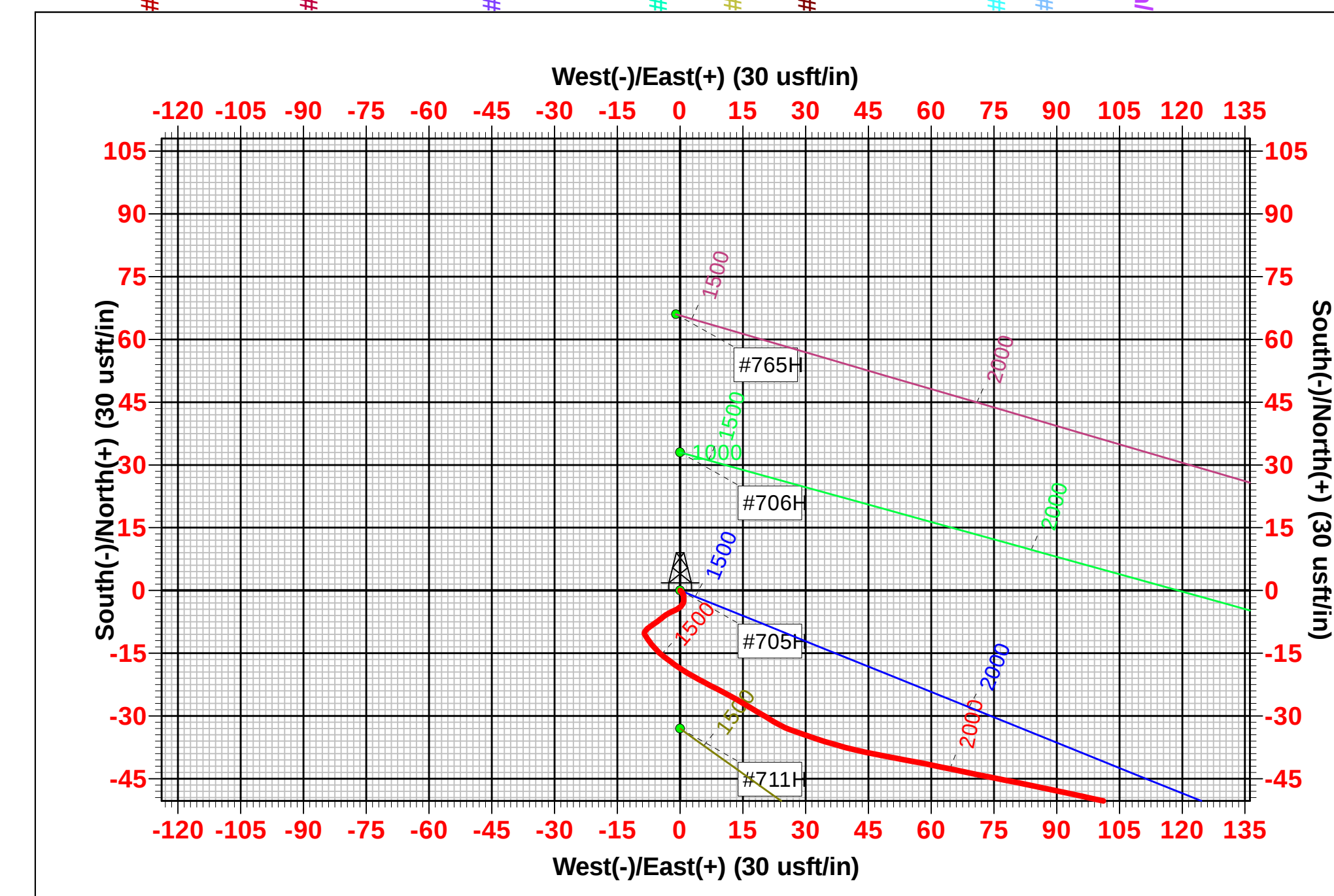
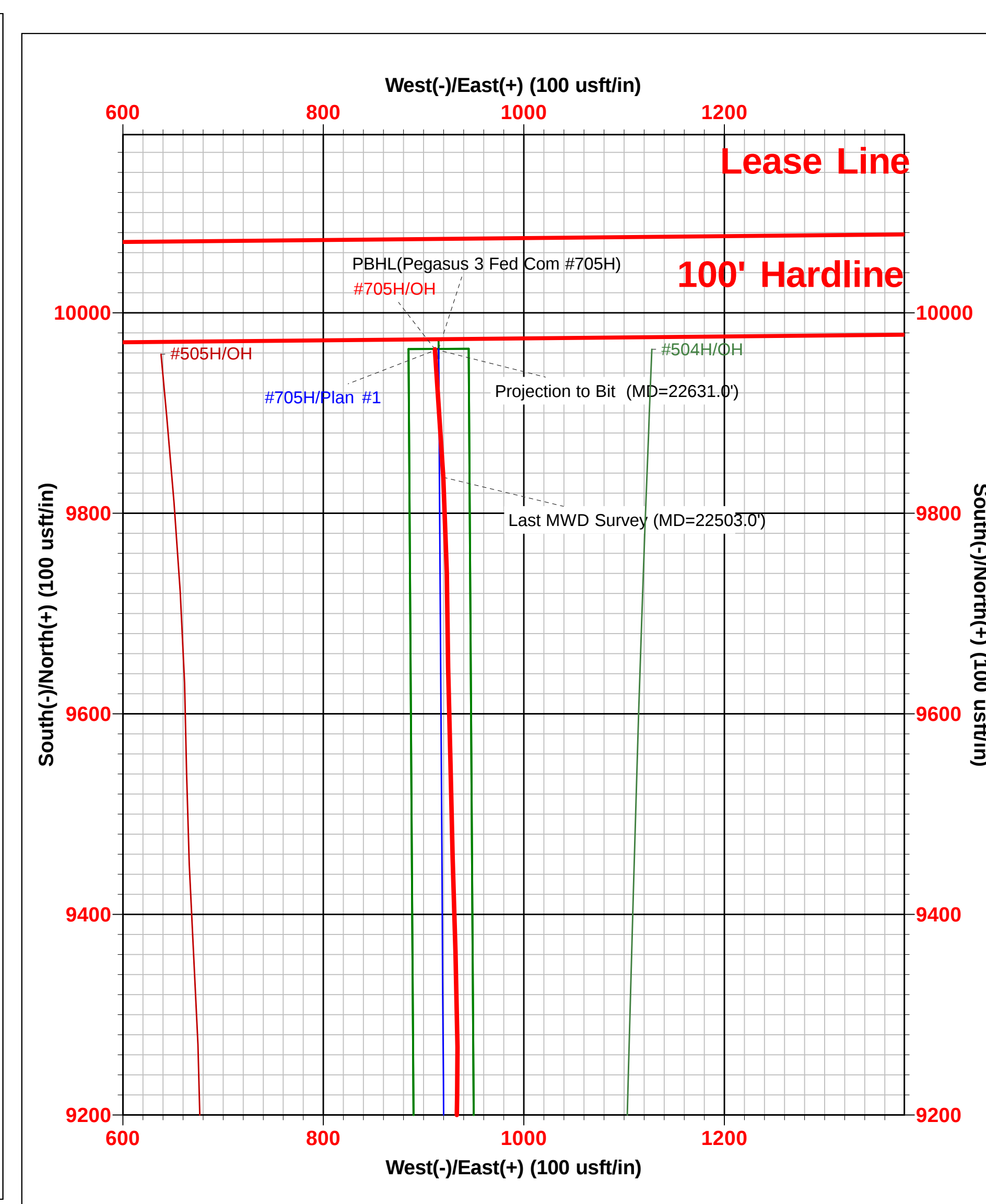
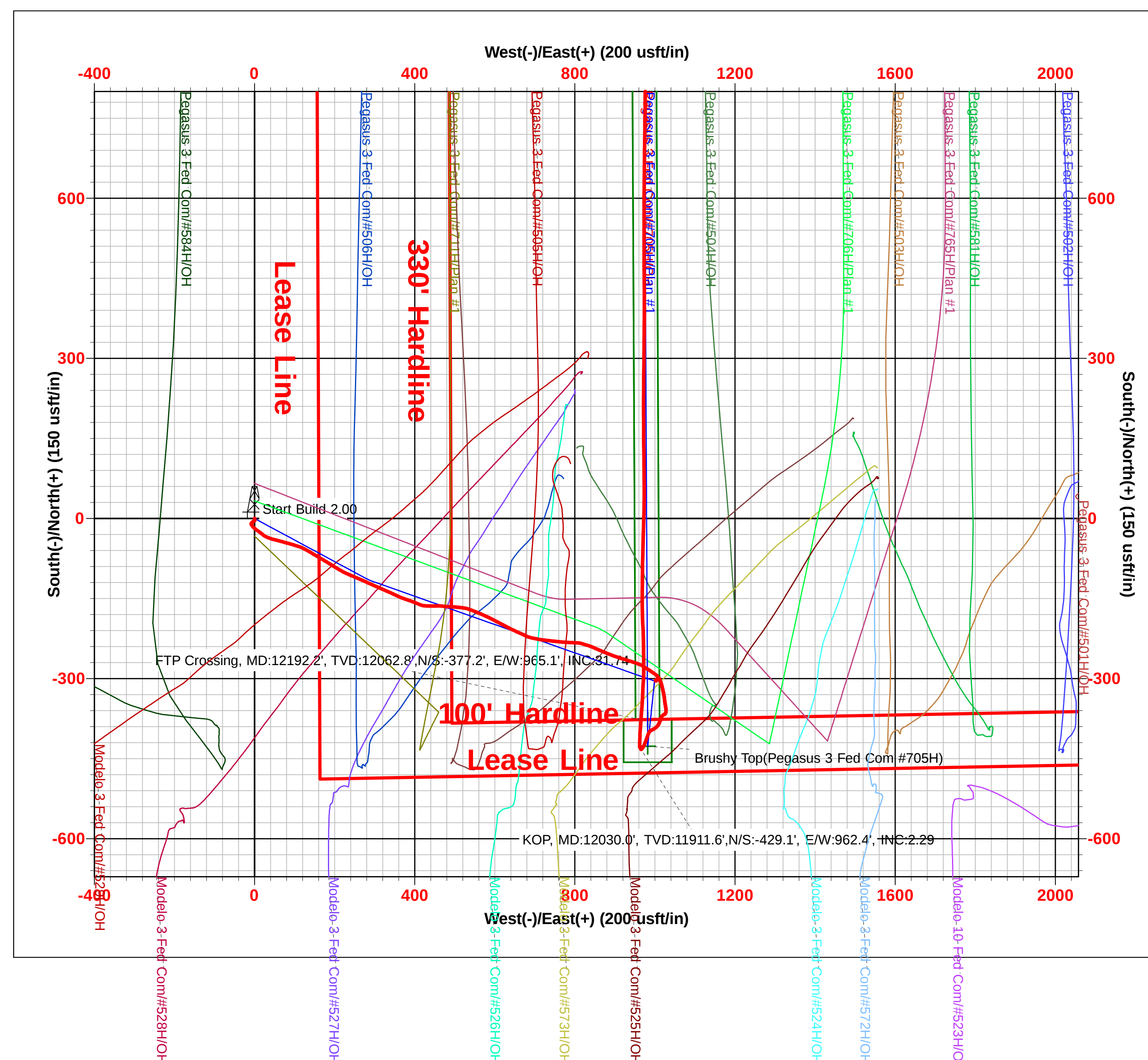
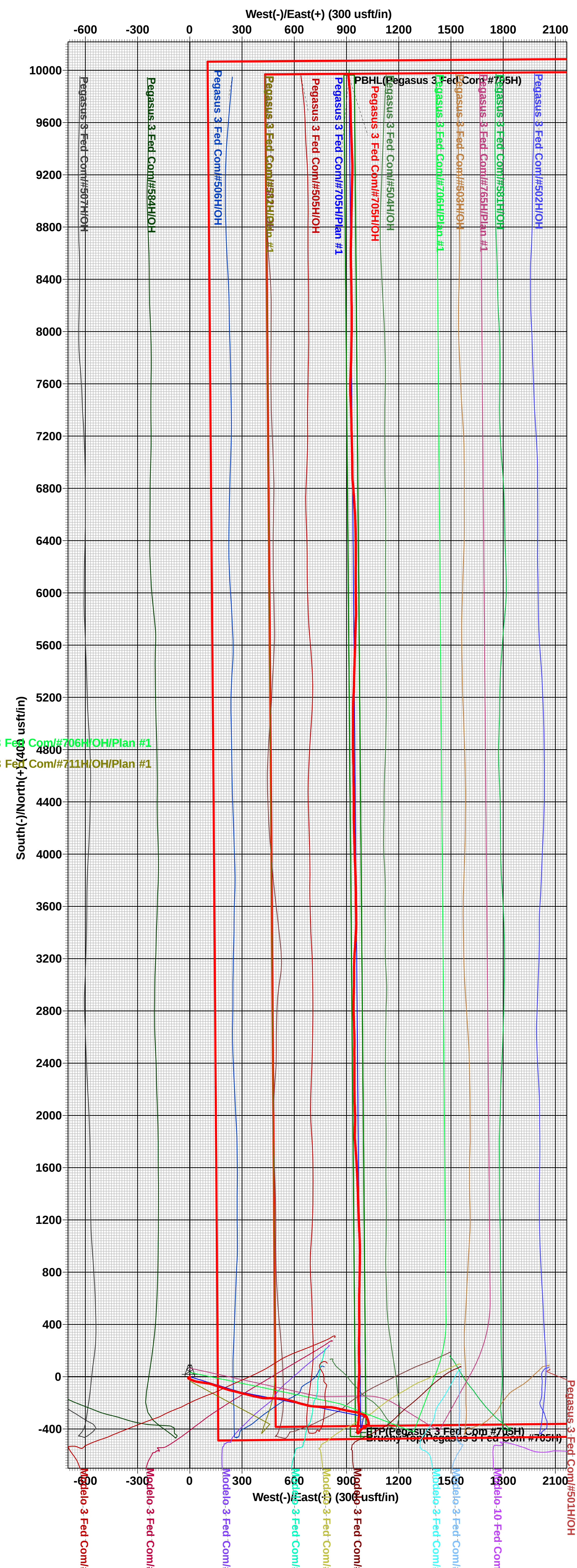
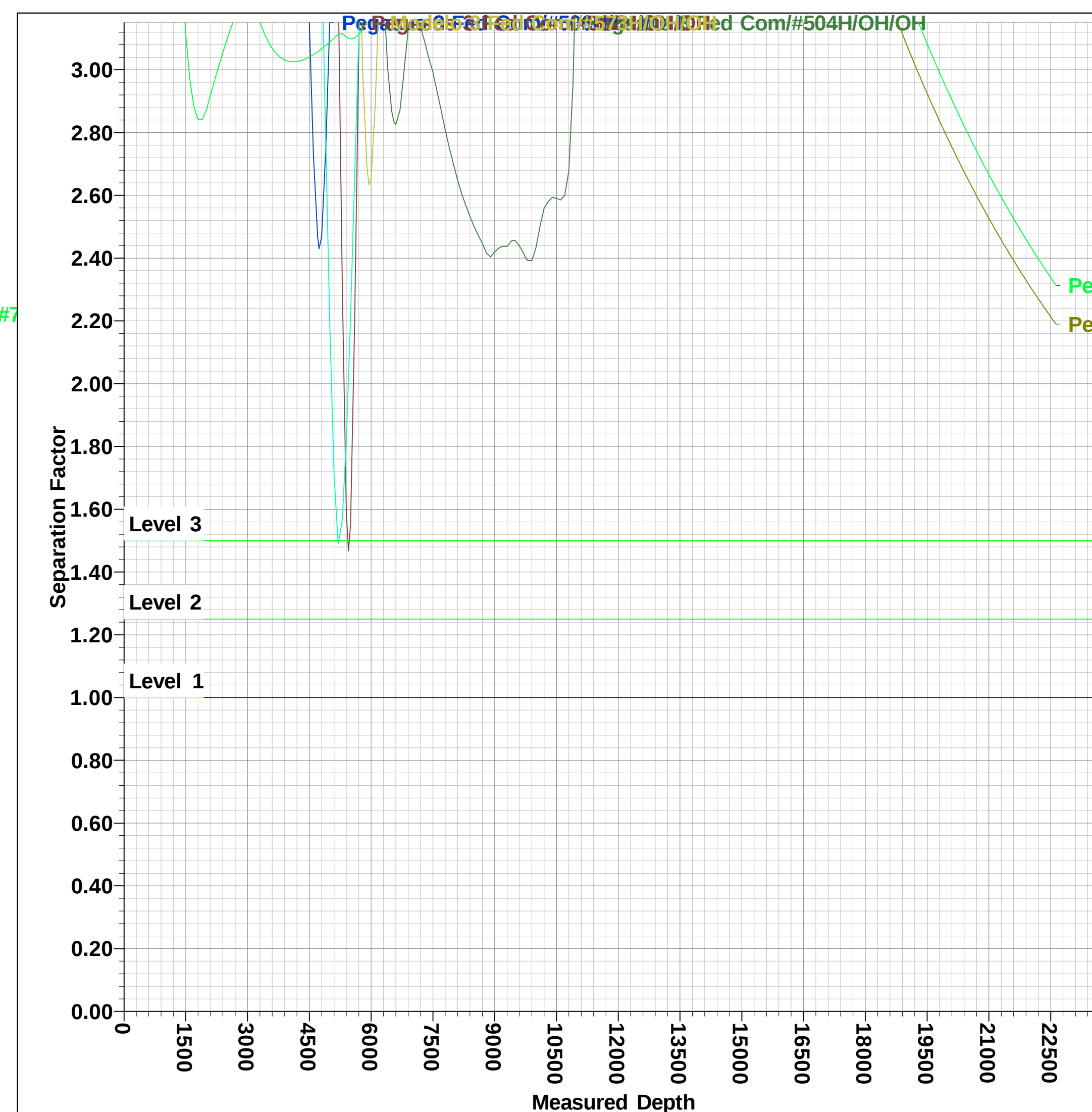
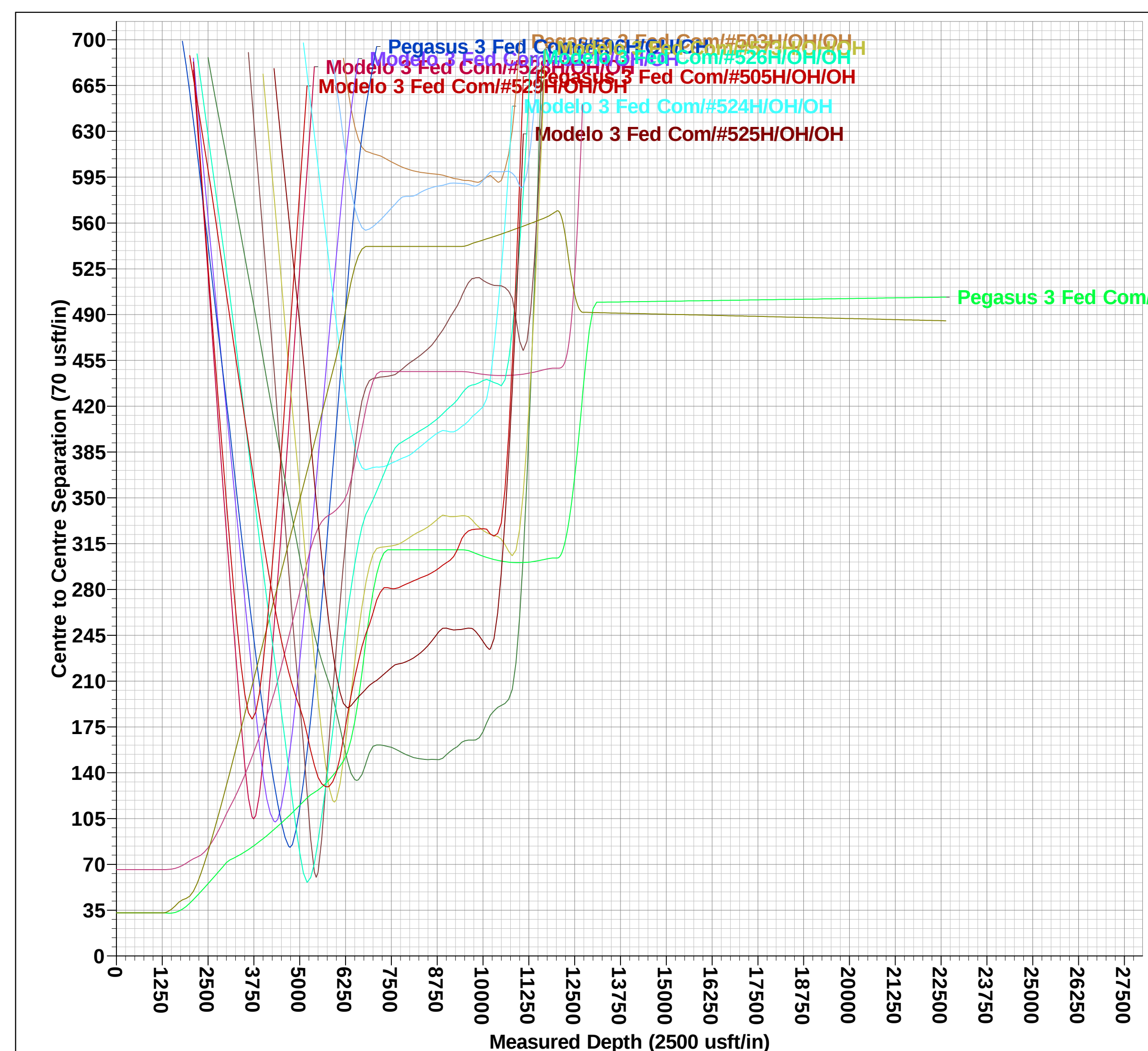
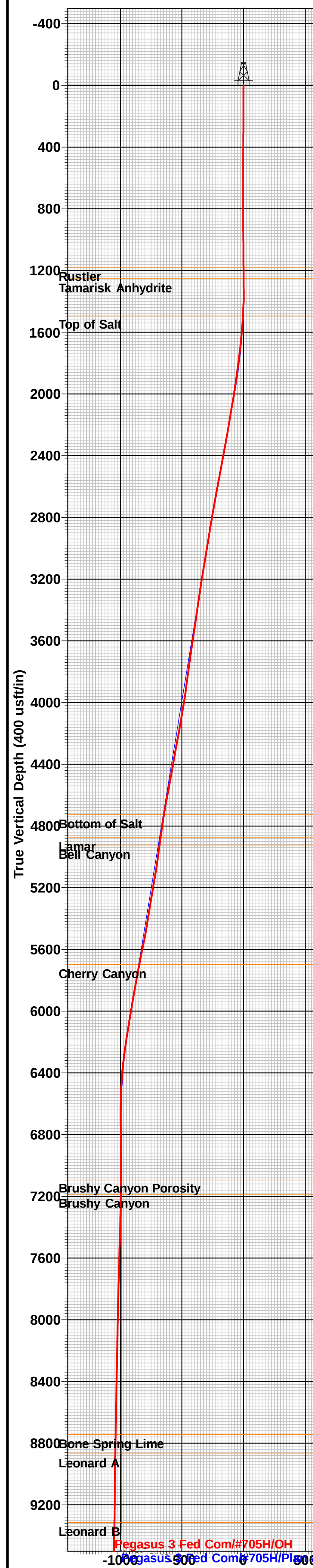
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #705H

KB = 26' @ 3669.0usft
Northing 451943.00 Easting 748578.00 Latitude 32° 14' 26.482 N Longitude 103° 39' 46.942 W



To convert a Magnetic Direction to a Grid Direction, Add 6.37°
To convert a Magnetic Direction to a True Direction, Add 6.73° East
To convert a True Direction to a Grid Direction, Subtract 0.36°



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised August 1, 2011						
1. WELL API NO.				30-025-47259						
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN										
3. State Oil & Gas Lease No.										
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name PEGASUS 3 FEDERAL COM						
				6. Well Number: 705H						
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator EOG RESOURCES INC				9. OGRID 7377						
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702				11. Pool name or Wildcat WC025 G08 S243217P; UPPER WOLFCAMP (98248)						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	03	24S	32E		491	SOUTH	2474	WEST	LEA
BH:	B	34	23S	32E		110	NORTH	1834	EAST	LEA
13. Date Spudded 02/16/2022	14. Date T.D. Reached 04/24/2022	15. Date Rig Released 04/25/2022		16. Date Completed (Ready to Produce) 07/23/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3643' GL				
18. Total Measured Depth of Well MD 22,631' TVD 12,324'		19. Plug Back Measured Depth MD 21,610' TVD 12,324		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None				
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP 12,588 - 22,610										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9 5/8"		40.5# J-55		1281'		12 1/4"		450 SXS CL C/CIRC		
7 5/8"		29.7# ECP 110		11,766'		8 3/4"		1554 SXS CL C/81		ECHO
5.5 "		20# ECP 110		22,618'		6 3/4"		965 SXS CL H TOC 12,046' CBL		PRESSURE TEST ATTACHED
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 12,588 - 22,610' 3 1/8", 2142 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12,588 - 22,610' FRAC W/25,080,378 lbs proppant, 436,198 bbls load fld				
28. PRODUCTION										
Date First Production 07/23/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing					
Date of Test 07/31/2022	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 3732	Gas - MCF 10,073	Water - Bbl. 6016	Gas - Oil Ratio 2699			
Flow Tubing Press.	Casing Pressure 2535	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 44				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						30. Test Witnessed By				
31. List Attachments C-102, C-104, Directional Survey, H spacing										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude Longitude NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Signature Kay Maddox Name Kay Maddox Title Senior Regulatory Specialist Date 08/03/2022 E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy Rustler 1185'	T. Canyon Brushy 7135'	T. Ojo Alamo	T. Penn A"
T. Salt 1510'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4685'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. 1st BS Sand 9930'	T. Entrada	
T. Wolfcamp	T. 2nd BS Sand 10,515'	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

Include data on rate of water inflow and elevation to which water rose in hole.

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

From	To	Thickness In Feet	Lithology

From To Thickness In Feet Lithology

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

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.)		WELL API NO. 30-025-47259
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator EOG RESOURCES INC		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name PEGASUS 3 FED COM
4. Well Location Unit Letter N : 491 feet from the SOUTH line and 2474 feet from the WEST line Section 3 Township 24S Range 32E NMPM County LEA		8. Well Number 705H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3643'		9. OGRID Number 7377
10. Pool name or Wildcat WC025 G08 S243217P; UPPER WOLFCAMP		

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

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

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.

TOC IS BELOW CASING SHOE, ON 5/11/2023 A SUBSEQUENT PRESSURE TEST (ATTACHED) WAS RUN AND HELD. EOG IS REQUESTING NO REMEDIAL CEMENT AT THIS TIME.

Spud Date:

02/16/2022

Rig Release Date:

04/25/2022

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

SIGNATURE KAY MADDOX TITLE SENIOR REGULATORY SPECIALIST DATE 5/23/2023

Type or print name Kay Maddox E-mail address: kay_maddox@eogresources.com PHONE: 432-638-8475

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



Detailed Job Breakdown



JOB REPORT

COMPANY DETAILS

Company: EOG
Contact: MARK POPE
PHONE:

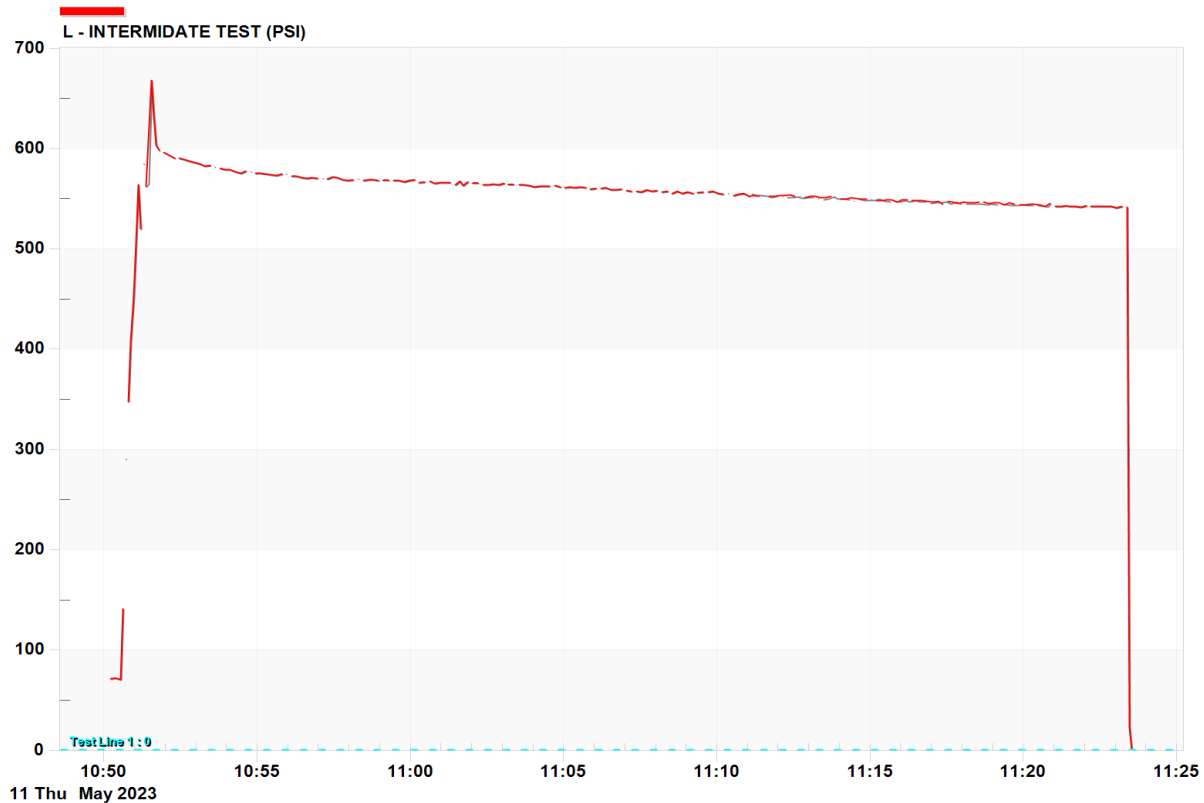
Email: Mark_pope@eogresources.com

JOB DETAILS

DATE 5/11/2023 10:50:11AM
START TIME 5/11/2023 10:50:11AM
END TIME 5/11/2023 11:23:36AM
Ticket#:
Other:
Other:

Operator:
WELL: PEGASUS 3 FED COM
Licence #: 705H
Contractor:
AFE:

Comments:



10:50:07

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
10:50	7.725	73						
10:50	12.725	71						
10:50	17.725	72						
10:50	22.725	72						
10:50	27.725	72						
10:50	32.725	71						
10:50	37.724	141						
10:50	42.725	290						
10:50	47.725	348						
10:50	52.725	407						
10:50	57.725	453						
10:51	2.725	507						
10:51	7.725	564						
10:51	12.724	520						
10:51	17.725	585						
10:51	22.725	562						
10:51	27.725	565						
10:51	32.725	668						
10:51	37.725	633						
10:51	42.725	603						
10:51	47.724	598						
10:51	52.725	597						
10:51	57.725	597						
10:52	2.725	596						
10:52	7.725	594						
10:52	12.725	594						
10:52	17.725	591						
10:52	22.724	591						
10:52	27.725	591						
10:52	32.725	590						
10:52	37.725	589						
10:52	42.725	587						
10:52	47.725	588						
10:52	52.725	587						
10:52	57.724	586						
10:53	2.725	585						
10:53	7.725	585						
10:53	12.725	583						
10:53	17.725	583						
10:53	22.725	584						
10:53	27.725	583						
10:53	32.724	582						
10:53	37.725	582						
10:53	42.725	580						
10:53	47.725	581						
10:53	52.725	580						
10:53	57.725	579						
10:54	2.725	579						

10:54:07

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
10:54	7.724	579						
10:54	12.725	579						
10:54	17.725	577						
10:54	22.725	579						
10:54	27.725	576						
10:54	32.725	576						
10:54	37.725	578						
10:54	42.724	575						
10:54	47.725	577						
10:54	52.725	576						
10:54	57.725	576						
10:55	2.725	575						
10:55	7.725	576						
10:55	12.725	575						
10:55	17.724	575						
10:55	22.725	575						
10:55	27.725	574						
10:55	32.725	574						
10:55	37.725	574						
10:55	42.725	573						
10:55	47.725	575						
10:55	52.724	574						
10:55	57.725	575						
10:56	2.725	573						
10:56	7.725	573						
10:56	12.725	573						
10:56	17.725	572						
10:56	22.725	572						
10:56	27.724	571						
10:56	32.725	572						
10:56	37.725	571						
10:56	42.725	571						
10:56	47.725	571						
10:56	52.725	571						
10:56	57.725	570						
10:57	2.724	572						
10:57	7.725	570						
10:57	12.725	571						
10:57	17.725	570						
10:57	22.725	570						
10:57	27.725	572						
10:57	32.725	569						
10:57	37.724	571						
10:57	42.725	571						
10:57	47.725	569						
10:57	52.725	569						
10:57	57.725	568						
10:58	2.725	570						

10:58:07

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
10:58	7.725	569						
10:58	12.724	570						
10:58	17.725	570						
10:58	22.725	568						
10:58	27.725	568						
10:58	32.725	568						
10:58	37.725	569						
10:58	42.725	568						
10:58	47.724	569						
10:58	52.725	567						
10:58	57.725	568						
10:59	2.725	568						
10:59	7.725	568						
10:59	12.725	569						
10:59	17.725	568						
10:59	22.724	568						
10:59	27.725	568						
10:59	32.725	567						
10:59	37.725	568						
10:59	42.725	567						
10:59	47.725	567						
10:59	52.725	566						
10:59	57.724	568						
11:00	2.725	566						
11:00	7.725	569						
11:00	12.725	568						
11:00	17.725	566						
11:00	22.725	566						
11:00	27.725	566						
11:00	32.724	565						
11:00	37.725	568						
11:00	42.725	566						
11:00	47.725	565						
11:00	52.725	566						
11:00	57.725	566						
11:01	2.725	566						
11:01	7.724	566						
11:01	12.725	566						
11:01	17.725	566						
11:01	22.725	566						
11:01	27.725	564						
11:01	32.725	566						
11:01	37.725	567						
11:01	42.724	563						
11:01	47.725	565						
11:01	52.725	566						
11:01	57.725	565						
11:02	2.725	565						

11:02:07

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
11:02	7.725	566						
11:02	12.725	565						
11:02	17.724	566						
11:02	22.725	564						
11:02	27.725	565						
11:02	32.725	564						
11:02	37.725	564						
11:02	42.725	564						
11:02	47.725	565						
11:02	52.724	564						
11:02	57.725	564						
11:03	2.725	565						
11:03	7.725	564						
11:03	12.725	564						
11:03	17.725	564						
11:03	22.725	564						
11:03	27.724	564						
11:03	32.725	564						
11:03	37.725	564						
11:03	42.725	564						
11:03	47.725	564						
11:03	52.725	563						
11:03	57.725	562						
11:04	2.724	562						
11:04	7.725	562						
11:04	12.725	562						
11:04	17.725	560						
11:04	22.725	562						
11:04	27.725	563						
11:04	32.725	563						
11:04	37.724	563						
11:04	42.725	563						
11:04	47.725	561						
11:04	52.725	562						
11:04	57.725	562						
11:05	2.725	561						
11:05	7.725	561						
11:05	12.724	562						
11:05	17.725	562						
11:05	22.725	561						
11:05	27.725	560						
11:05	32.725	562						
11:05	37.725	562						
11:05	42.725	561						
11:05	47.724	560						
11:05	52.725	560						
11:05	57.725	560						
11:06	2.725	560						

11:06:07

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
11:06	7.725	560						
11:06	12.725	560						
11:06	17.725	560						
11:06	22.724	561						
11:06	27.725	558						
11:06	32.725	559						
11:06	37.725	559						
11:06	42.725	559						
11:06	47.725	559						
11:06	52.725	560						
11:06	57.724	560						
11:07	2.725	558						
11:07	7.725	558						
11:07	12.725	558						
11:07	17.725	559						
11:07	22.725	557						
11:07	27.725	556						
11:07	32.724	556						
11:07	37.725	559						
11:07	42.725	559						
11:07	47.725	558						
11:07	52.725	558						
11:07	57.725	558						
11:08	2.725	558						
11:08	7.724	558						
11:08	12.725	557						
11:08	17.725	557						
11:08	22.725	558						
11:08	27.725	554						
11:08	32.725	555						
11:08	37.725	557						
11:08	42.724	558						
11:08	47.725	556						
11:08	52.725	556						
11:08	57.725	556						
11:09	2.725	556						
11:09	7.725	555						
11:09	12.725	556						
11:09	17.724	556						
11:09	22.725	556						
11:09	27.725	557						
11:09	32.725	556						
11:09	37.725	556						
11:09	42.725	556						
11:09	47.725	556						
11:09	52.724	557						
11:09	57.725	557						
11:10	2.725	556						

11:10:07

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
11:10	7.725	554						
11:10	12.725	555						
11:10	17.725	554						
11:10	22.725	555						
11:10	27.724	554						
11:10	32.725	553						
11:10	37.725	554						
11:10	42.725	554						
11:10	47.725	555						
11:10	52.725	555						
11:10	57.725	554						
11:11	2.724	552						
11:11	7.725	555						
11:11	12.725	553						
11:11	17.725	554						
11:11	22.725	553						
11:11	27.725	554						
11:11	32.725	553						
11:11	37.724	553						
11:11	42.725	553						
11:11	47.725	552						
11:11	52.725	552						
11:11	57.725	553						
11:12	2.725	553						
11:12	7.725	552						
11:12	12.724	553						
11:12	17.725	552						
11:12	22.725	554						
11:12	27.725	552						
11:12	32.725	553						
11:12	37.725	553						
11:12	42.725	552						
11:12	47.724	551						
11:12	52.725	551						
11:12	57.725	552						
11:13	2.725	553						
11:13	7.725	552						
11:13	12.725	552						
11:13	17.725	550						
11:13	22.724	551						
11:13	27.725	550						
11:13	32.725	551						
11:13	37.725	550						
11:13	42.725	552						
11:13	47.725	552						
11:13	52.725	551						
11:13	57.724	550						
11:14	2.725	549						

11:14:07

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
11:14	7.725	550						
11:14	12.725	550						
11:14	17.725	549						
11:14	22.725	551						
11:14	27.725	548						
11:14	32.724	550						
11:14	37.725	550						
11:14	42.725	550						
11:14	47.725	549						
11:14	52.725	549						
11:14	57.725	549						
11:15	2.725	549						
11:15	7.724	549						
11:15	12.725	548						
11:15	17.725	550						
11:15	22.725	548						
11:15	27.725	548						
11:15	32.725	549						
11:15	37.725	547						
11:15	42.724	549						
11:15	47.725	548						
11:15	52.725	547						
11:15	57.725	547						
11:16	2.725	549						
11:16	7.725	549						
11:16	12.725	549						
11:16	17.724	548						
11:16	22.725	548						
11:16	27.725	549						
11:16	32.725	548						
11:16	37.725	548						
11:16	42.725	548						
11:16	47.725	547						
11:16	52.724	548						
11:16	57.725	546						
11:17	2.725	547						
11:17	7.725	547						
11:17	12.725	547						
11:17	17.725	547						
11:17	22.725	545						
11:17	27.724	547						
11:17	32.725	548						
11:17	37.725	546						
11:17	42.725	547						
11:17	47.725	548						
11:17	52.725	545						
11:17	57.725	545						
11:18	2.724	547						

INTERMEDIATE TEST (PSI)								
Time								
11:18	7.725	545						
11:18	12.725	546						
11:18	17.725	546						
11:18	22.725	546						
11:18	27.725	545						
11:18	32.725	546						
11:18	37.724	545						
11:18	42.725	547						
11:18	47.725	545						
11:18	52.725	545						
11:18	57.725	545						
11:19	2.725	546						
11:19	7.725	545						
11:19	12.724	546						
11:19	17.725	546						
11:19	22.725	544						
11:19	27.725	544						
11:19	32.725	546						
11:19	37.725	544						
11:19	42.725	545						
11:19	47.724	544						
11:19	52.725	544						
11:19	57.725	545						
11:20	2.725	544						
11:20	7.725	544						
11:20	12.725	544						
11:20	17.725	544						
11:20	22.724	545						
11:20	27.725	544						
11:20	32.725	544						
11:20	37.725	543						
11:20	42.725	542						
11:20	47.725	543						
11:20	52.725	545						
11:20	57.724	543						
11:21	2.725	543						
11:21	7.725	543						
11:21	12.725	542						
11:21	17.725	543						
11:21	22.725	543						
11:21	27.725	543						
11:21	32.724	542						
11:21	37.725	543						
11:21	42.725	543						
11:21	47.725	542						
11:21	52.725	542						
11:21	57.725	542						
11:22	2.725	543						

INTERMEDIATE TEST (PSI)									
Time									
11:22	7.724	542							
11:22	12.725	543							
11:22	17.725	542							
11:22	22.725	542							
11:22	27.725	541							
11:22	32.725	542							
11:22	37.725	543							
11:22	42.724	543							
11:22	47.725	542							
11:22	52.725	542							
11:22	57.725	543							
11:23	2.725	541							
11:23	7.725	542							
11:23	12.725	543							
11:23	17.724	542							
11:23	22.725	542							
11:23	27.725	23							
11:23	32.725	0							

Well Name:	Pegasus 3 Fed Com #705H
Property Number:	75935
API Number:	30025472590000
Opening Intermediate PSI:	72 psi
Bled Intermediate PSI down to:	N/A
Fluid back to surface:	Yes / OBM
Bbls pumped to load casing:	N/A
Bbls pumped to reach 500 psi:	1.25 bbls
Bbls bled back after test:	1 bbls
Start	596 psi
30 min	542 psi
Bleed down, SICP:	75 psi

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

ACKNOWLEDGMENTS

Action 219777

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 219777
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 219777

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 219777
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	File 3160-4 within 10 days of BLM Approval	4/5/2024