

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 - 025-47169	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 765H

II. ¹⁰ Surface Location

UI or lot no. N	Section 03	Township 24S	Range 32E	Lot Idn	Feet from the 556'	North/South Line SOUTH	Feet from the 2474'	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	------------------------	------------------------	---------------

¹¹ Bottom Hole Location

UL or lot no. A	Section 34	Township 23S	Range 32E	Lot Idn	Feet from the 113'	North/South line NORTH	Feet from the 1104'	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 23,361'	²⁴ PBTD 23,333'	²⁵ Perforations 13,460 - 23,333'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12 1/4"		9 5/8"		1284'	455 SXS CL C/CIRC
8 3/4"		7 5/8"		12,587'	1835 SXS CL C & H 113' ECHO
6 3/4"		5 1/2"		23,341'	955 SXS CL H TOC 12,702' 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 08/01/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2530
³⁷ Choke Size	³⁸ Oil 2125	³⁹ Water 10983	⁴⁰ Gas 8148		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 Printed name: Kay Maddox Title: SENIOR REGULATORY SPECIALIST E-mail Address: kay_maddox@eogresources.com Date: 08/02/2022	Phone: 432-638-8475	OIL CONSERVATION DIVISION	
	Approved by:		
	Title:		
	Approval Date:		

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- 47169	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 765H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3644'

¹⁰Surface Location

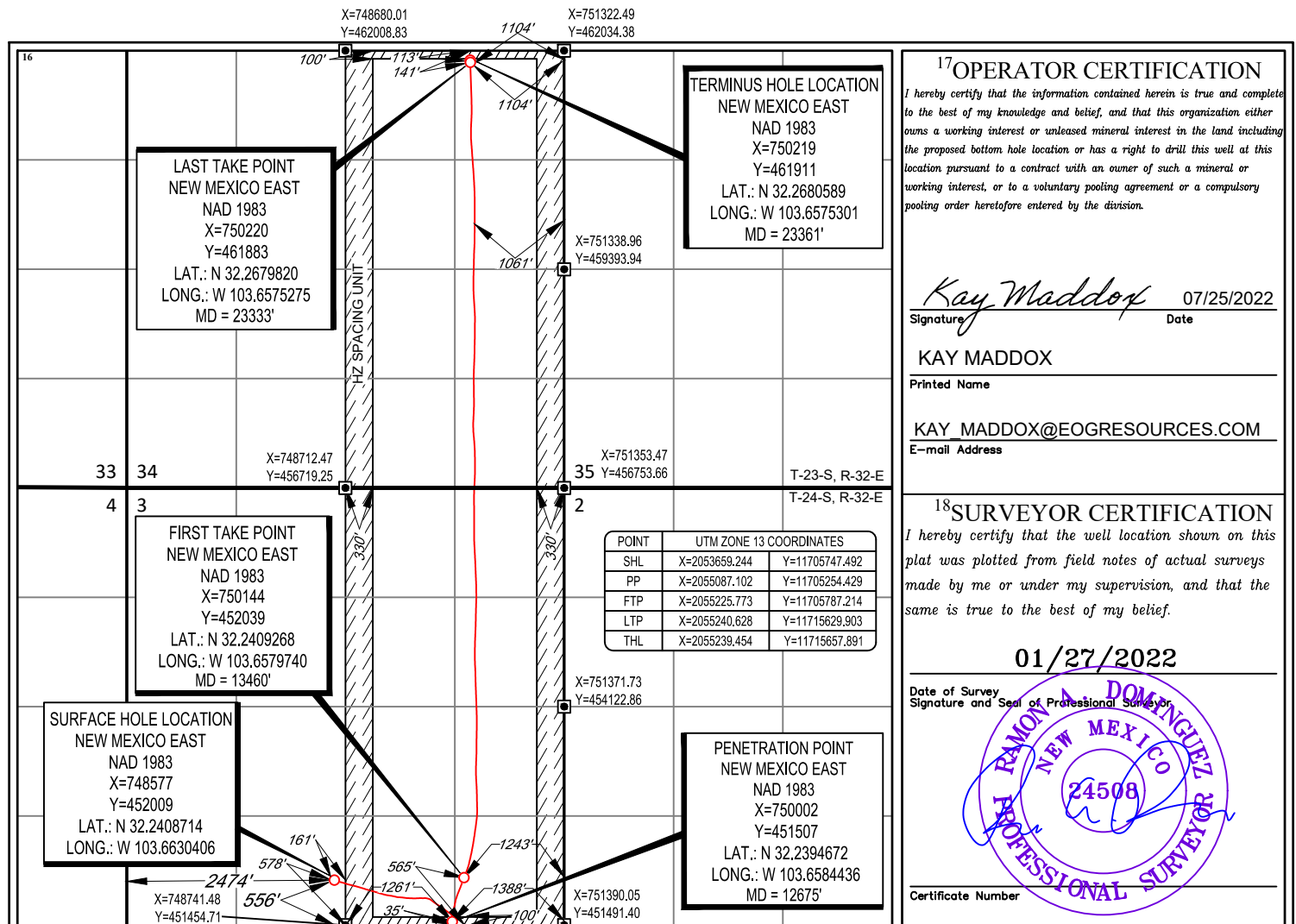
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	24-S	32-E	-	556'	SOUTH	2474'	WEST	LEA

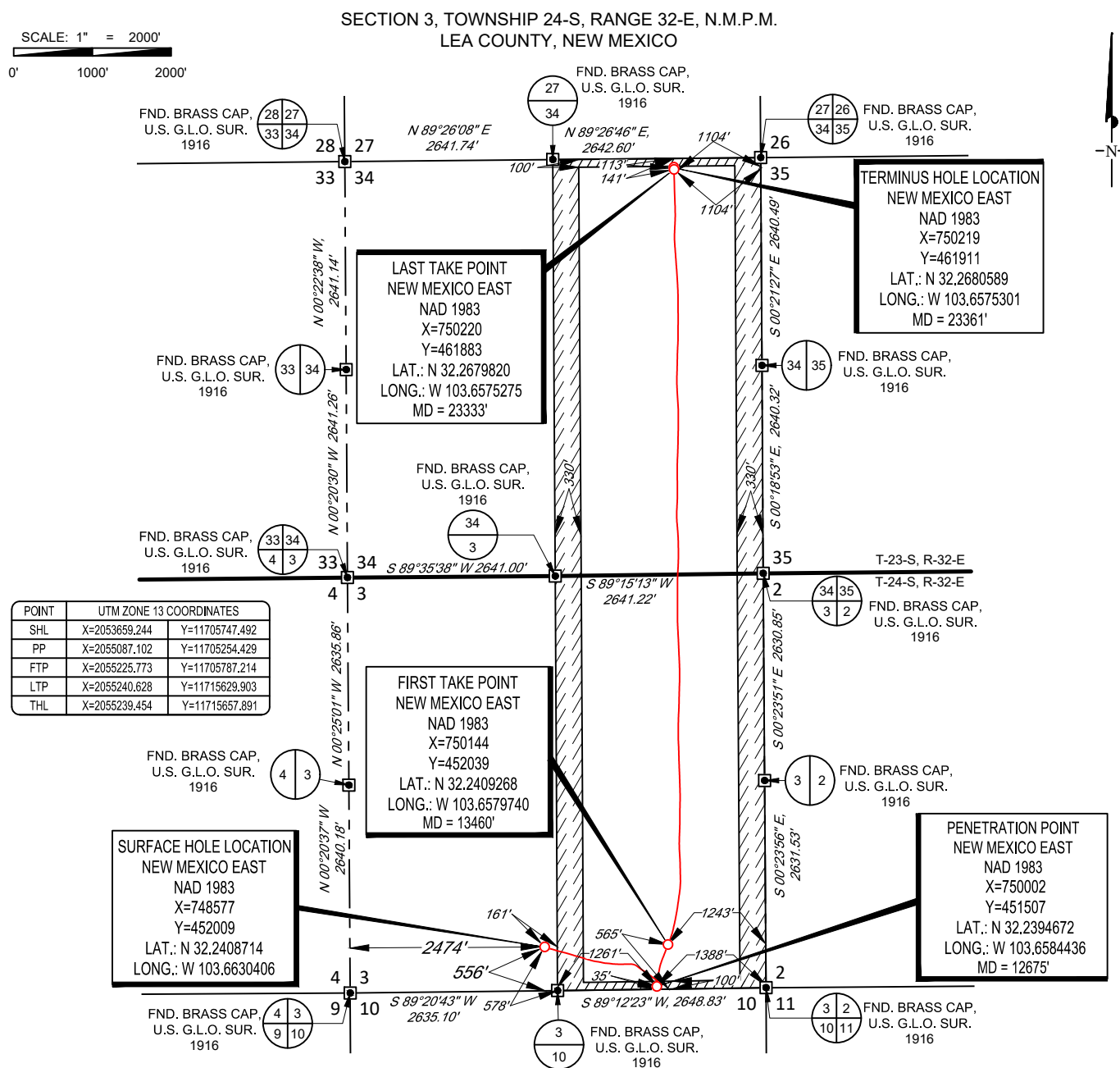
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	34	23-S	32-E	-	113'	NORTH	1104'	EAST	LEA

¹² Dedicated Acres 639.39	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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 765H
SECTION 3 TWP. 24-S RGE 32-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3644'
DESCRIPTION 556' FSL & 2474' FWL



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



PEGASUS 3 FED COM 765H 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_765H			
DRAWN BY: EAH			
SHEET : 2 OF 2			



Midland

Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com

#765H

OH

Design: OH

Final PVA

05 April, 2022





Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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		#765H				
Well Position	+N/-S	0.0 usft	Northing:	452,009.00 usft	Latitude:	32° 14' 27.135 N
	+E/-W	0.0 usft	Easting:	748,577.00 usft	Longitude:	103° 39' 46.949 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,644.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/16/2022	6.49	59.87	47,406.10954500

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	9.55

Survey Program	Date	4/5/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
14.2	23,361.0	MS MWD/Superior QC (OH)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	
14.0	0.05	156.94	14.0	0.0	0.0	0.36	0.36	0.00	0.0	0.0	
28.0	0.10	156.97	28.0	0.0	0.0	0.36	0.36	0.21	0.0	0.0	
43.0	0.15	157.01	43.0	-0.1	0.0	0.33	0.33	0.27	-0.1	0.0	
57.0	0.20	157.04	57.0	-0.1	0.0	0.36	0.36	0.21	-0.1	0.0	
71.0	0.24	157.08	71.0	-0.1	0.1	0.29	0.29	0.29	-0.2	0.0	
85.0	0.29	157.11	85.0	-0.2	0.1	0.36	0.36	0.21	-0.2	0.0	
100.0	0.34	157.15	100.0	-0.3	0.1	0.33	0.33	0.27	-0.3	0.0	
114.0	0.39	157.18	114.0	-0.4	0.2	0.36	0.36	0.21	-0.4	0.0	
128.0	0.44	157.22	128.0	-0.5	0.2	0.36	0.36	0.29	-0.5	0.0	
142.0	0.49	157.26	142.0	-0.6	0.2	0.36	0.36	0.29	-0.6	0.0	
156.0	0.54	157.29	156.0	-0.7	0.3	0.36	0.36	0.21	-0.7	0.0	
171.0	0.59	157.33	171.0	-0.8	0.3	0.33	0.33	0.27	-0.9	0.0	
185.0	0.64	157.36	185.0	-0.9	0.4	0.36	0.36	0.21	-1.0	0.0	
199.0	0.69	157.40	199.0	-1.1	0.5	0.36	0.36	0.29	-1.2	0.0	
212.0	0.68	158.50	212.0	-1.2	0.5	0.13	-0.08	8.46	-1.3	0.0	
226.0	0.68	159.63	226.0	-1.4	0.6	0.10	0.00	8.07	-1.5	0.1	
239.0	0.67	160.78	239.0	-1.5	0.6	0.13	-0.08	8.85	-1.7	0.1	
252.0	0.67	161.96	252.0	-1.7	0.7	0.11	0.00	9.08	-1.8	0.1	
265.0	0.66	163.15	265.0	-1.8	0.7	0.13	-0.08	9.15	-2.0	0.2	
279.0	0.66	164.37	279.0	-2.0	0.8	0.10	0.00	8.71	-2.1	0.2	
292.0	0.65	165.60	292.0	-2.1	0.8	0.13	-0.08	9.46	-2.3	0.3	
305.0	0.65	166.85	305.0	-2.3	0.8	0.11	0.00	9.62	-2.4	0.3	
319.0	0.68	167.62	319.0	-2.4	0.9	0.22	0.21	5.50	-2.6	0.3	
334.0	0.71	168.33	334.0	-2.6	0.9	0.21	0.20	4.73	-2.7	0.4	
348.0	0.73	168.99	348.0	-2.8	1.0	0.15	0.14	4.71	-2.9	0.4	
362.0	0.76	169.60	362.0	-3.0	1.0	0.22	0.21	4.36	-3.1	0.4	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
377.0	0.79	170.17	377.0	-3.2	1.0	0.21	0.20	3.80	-3.3	0.5	
391.0	0.82	170.71	391.0	-3.4	1.1	0.22	0.21	3.86	-3.5	0.5	
405.0	0.83	171.85	405.0	-3.6	1.1	0.14	0.07	8.14	-3.7	0.6	
419.0	0.85	172.96	419.0	-3.8	1.1	0.18	0.14	7.93	-3.9	0.6	
433.0	0.86	174.03	433.0	-4.0	1.1	0.13	0.07	7.64	-4.1	0.7	
447.0	0.88	175.07	447.0	-4.2	1.2	0.18	0.14	7.43	-4.3	0.8	
461.0	0.90	176.07	461.0	-4.4	1.2	0.18	0.14	7.14	-4.5	0.9	
475.0	0.91	177.04	475.0	-4.6	1.2	0.13	0.07	6.93	-4.7	0.9	
489.0	0.91	176.24	489.0	-4.8	1.2	0.09	0.00	-5.71	-4.9	0.9	
503.0	0.91	175.44	503.0	-5.1	1.2	0.09	0.00	-5.71	-5.1	0.8	
518.0	0.90	174.64	518.0	-5.3	1.2	0.11	-0.07	-5.33	-5.4	0.7	
532.0	0.90	173.84	532.0	-5.5	1.3	0.09	0.00	-5.71	-5.6	0.7	
546.0	0.90	173.03	546.0	-5.7	1.3	0.09	0.00	-5.79	-5.8	0.6	
560.0	0.90	172.23	560.0	-5.9	1.3	0.09	0.00	-5.71	-6.1	0.5	
575.0	0.88	175.40	575.0	-6.2	1.3	0.35	-0.13	21.13	-6.3	0.8	
589.0	0.87	178.67	589.0	-6.4	1.3	0.36	-0.07	23.36	-6.4	1.2	
604.0	0.86	182.03	604.0	-6.6	1.3	0.34	-0.07	22.40	-6.6	1.6	
618.0	0.86	185.44	618.0	-6.8	1.3	0.37	0.00	24.36	-6.7	2.0	
633.0	0.85	188.90	633.0	-7.1	1.3	0.35	-0.07	23.07	-6.8	2.4	
647.0	0.85	192.38	647.0	-7.3	1.3	0.37	0.00	24.86	-6.8	2.8	
661.0	0.84	193.56	660.9	-7.5	1.2	0.14	-0.07	8.43	-7.0	2.9	
675.0	0.83	194.77	674.9	-7.7	1.2	0.14	-0.07	8.64	-7.1	3.1	
689.0	0.82	196.02	688.9	-7.8	1.1	0.15	-0.07	8.93	-7.2	3.2	
703.0	0.81	197.31	702.9	-8.0	1.1	0.15	-0.07	9.21	-7.4	3.4	
717.0	0.80	198.63	716.9	-8.2	1.0	0.15	-0.07	9.43	-7.5	3.6	
731.0	0.79	199.99	730.9	-8.4	0.9	0.15	-0.07	9.71	-7.6	3.8	
745.0	0.78	201.38	744.9	-8.6	0.9	0.15	-0.07	9.93	-7.7	3.9	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
759.0	0.74	204.70	758.9	-8.8	0.8	0.42	-0.29	23.71	-7.6	4.4	
772.0	0.71	208.32	771.9	-8.9	0.7	0.42	-0.23	27.85	-7.5	4.9	
786.0	0.69	212.25	785.9	-9.1	0.6	0.37	-0.14	28.07	-7.3	5.4	
800.0	0.66	216.47	799.9	-9.2	0.5	0.41	-0.21	30.14	-7.1	5.9	
814.0	0.64	220.99	813.9	-9.3	0.4	0.39	-0.14	32.29	-6.7	6.4	
827.0	0.63	225.75	826.9	-9.4	0.3	0.41	-0.08	36.62	-6.3	7.0	
841.0	0.62	230.72	840.9	-9.5	0.2	0.39	-0.07	35.50	-5.8	7.5	
855.0	0.65	232.86	854.9	-9.6	0.1	0.27	0.21	15.29	-5.7	7.7	
868.0	0.69	234.77	867.9	-9.7	0.0	0.35	0.31	14.69	-5.6	7.9	
882.0	0.72	236.49	881.9	-9.8	-0.2	0.26	0.21	12.29	-5.5	8.1	
896.0	0.76	238.05	895.9	-9.9	-0.3	0.32	0.29	11.14	-5.5	8.2	
910.0	0.80	239.45	909.9	-10.0	-0.5	0.32	0.29	10.00	-5.5	8.4	
923.0	0.84	240.72	922.9	-10.1	-0.6	0.34	0.31	9.77	-5.5	8.5	
937.0	0.88	241.88	936.9	-10.2	-0.8	0.31	0.29	8.29	-5.5	8.6	
951.0	0.86	240.93	950.9	-10.3	-1.0	0.18	-0.14	-6.79	-5.9	8.5	
964.0	0.85	239.95	963.9	-10.4	-1.2	0.14	-0.08	-7.54	-6.2	8.4	
978.0	0.84	238.93	977.9	-10.5	-1.4	0.13	-0.07	-7.29	-6.6	8.3	
991.0	0.83	237.89	990.9	-10.6	-1.5	0.14	-0.08	-8.00	-6.9	8.2	
1,005.0	0.82	236.81	1,004.9	-10.7	-1.7	0.13	-0.07	-7.71	-7.3	8.0	
1,018.0	0.80	235.70	1,017.9	-10.8	-1.8	0.20	-0.15	-8.54	-7.6	7.9	
1,032.0	0.79	234.56	1,031.9	-10.9	-2.0	0.13	-0.07	-8.14	-8.0	7.7	
1,046.0	0.85	236.31	1,045.9	-11.0	-2.2	0.46	0.43	12.50	-7.9	8.0	
1,059.0	0.90	237.84	1,058.9	-11.1	-2.3	0.42	0.38	11.77	-7.9	8.2	
1,073.0	0.96	239.19	1,072.9	-11.3	-2.5	0.46	0.43	9.64	-7.9	8.4	
1,086.0	1.02	240.39	1,085.9	-11.4	-2.7	0.49	0.46	9.23	-8.0	8.5	
1,100.0	1.08	241.45	1,099.9	-11.5	-2.9	0.45	0.43	7.57	-8.1	8.7	
1,113.0	1.13	242.41	1,112.9	-11.6	-3.2	0.41	0.38	7.38	-8.2	8.8	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
1,127.0	1.19	243.27	1,126.9	-11.7	-3.4	0.45	0.43	6.14	-8.3	9.0
1,141.0	1.20	243.30	1,140.9	-11.9	-3.7	0.07	0.07	0.21	-8.6	9.0
1,154.0	1.21	243.37	1,153.9	-12.0	-3.9	0.08	0.08	0.54	-8.9	9.0
1,168.0	1.22	243.48	1,167.9	-12.1	-4.2	0.07	0.07	0.79	-9.2	9.0
1,181.0	1.23	243.63	1,180.9	-12.3	-4.4	0.08	0.08	1.15	-9.4	9.0
1,195.0	1.23	243.83	1,194.9	-12.4	-4.7	0.03	0.00	1.43	-9.7	9.0
1,208.0	1.22	244.13	1,207.9	-12.5	-5.0	0.09	-0.08	2.31	-9.9	9.1
1,222.0	1.20	244.57	1,221.9	-12.6	-5.2	0.16	-0.14	3.14	-10.1	9.2
1,236.0	1.16	245.26	1,235.9	-12.8	-5.5	0.30	-0.29	4.93	-10.3	9.3
1,251.0	1.11	246.15	1,250.9	-12.9	-5.7	0.35	-0.33	5.93	-10.5	9.5
1,265.0	1.05	247.22	1,264.9	-13.0	-6.0	0.45	-0.43	7.64	-10.6	9.7
1,280.0	0.98	248.46	1,279.9	-13.1	-6.2	0.49	-0.47	8.27	-10.6	9.9
1,294.0	0.91	249.86	1,293.9	-13.2	-6.5	0.53	-0.50	10.00	-10.6	10.1
1,309.0	0.84	251.42	1,308.9	-13.2	-6.7	0.49	-0.47	10.40	-10.5	10.4
1,323.0	0.77	253.12	1,322.9	-13.3	-6.9	0.53	-0.50	12.14	-10.4	10.7
1,338.0	0.70	254.93	1,337.9	-13.4	-7.0	0.49	-0.47	12.07	-10.3	11.1
1,352.0	0.63	256.74	1,351.9	-13.4	-7.2	0.52	-0.50	12.93	-10.1	11.4
1,367.0	0.57	258.35	1,366.9	-13.4	-7.4	0.42	-0.40	10.73	-10.0	11.6
1,381.0	0.50	259.36	1,380.9	-13.5	-7.5	0.50	-0.50	7.21	-10.0	11.8
1,396.0	0.27	171.17	1,395.9	-13.5	-7.5	3.74	-1.53	-587.93	-12.0	-9.9
1,410.0	1.73	118.40	1,409.9	-13.6	-7.3	11.30	10.43	-376.93	0.6	-15.6
1,424.0	2.44	115.31	1,423.8	-13.9	-6.9	5.13	5.07	-22.07	1.2	-15.6
1,437.0	2.38	113.54	1,436.8	-14.1	-6.4	0.74	-0.46	-13.62	1.5	-15.6
1,451.0	2.31	111.40	1,450.8	-14.3	-5.9	0.80	-0.50	-15.29	2.0	-15.6
1,464.0	2.27	109.03	1,463.8	-14.5	-5.4	0.79	-0.31	-18.23	2.6	-15.6
1,478.0	2.24	106.57	1,477.8	-14.7	-4.9	0.72	-0.21	-17.57	3.3	-15.4
1,491.0	2.86	102.03	1,490.8	-14.8	-4.3	5.01	4.77	-34.92	4.6	-15.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
1,505.0	4.60	98.07	1,504.8	-14.9	-3.4	12.56	12.43	-28.29	5.4	-14.7	
1,519.0	4.91	96.68	1,518.7	-15.1	-2.2	2.36	2.21	-9.93	5.4	-14.4	
1,532.0	5.02	95.44	1,531.7	-15.2	-1.1	1.18	0.85	-9.54	5.3	-14.2	
1,546.0	5.14	94.25	1,545.6	-15.3	0.1	1.14	0.86	-8.50	5.3	-13.9	
1,560.0	5.28	93.17	1,559.6	-15.4	1.4	1.22	1.00	-7.71	5.2	-13.6	
1,574.0	5.42	92.27	1,573.5	-15.5	2.7	1.17	1.00	-6.43	5.2	-13.2	
1,587.0	6.27	92.49	1,586.4	-15.5	4.0	6.54	6.54	1.69	4.8	-13.0	
1,601.0	8.05	93.53	1,600.3	-15.6	5.7	12.75	12.71	7.43	4.0	-12.8	
1,615.0	8.20	93.27	1,614.2	-15.7	7.7	1.10	1.07	-1.86	3.3	-12.5	
1,628.0	8.36	93.09	1,627.0	-15.8	9.6	1.25	1.23	-1.38	2.6	-12.2	
1,642.0	8.52	92.98	1,640.9	-15.9	11.6	1.15	1.14	-0.79	1.9	-11.9	
1,656.0	8.67	92.92	1,654.7	-16.0	13.7	1.07	1.07	-0.43	1.3	-11.6	
1,670.0	8.81	92.91	1,668.6	-16.2	15.9	1.00	1.00	-0.07	0.6	-11.2	
1,683.0	8.93	92.95	1,681.4	-16.3	17.9	0.92	0.92	0.31	0.0	-10.9	
1,697.0	9.01	93.06	1,695.2	-16.4	20.0	0.58	0.57	0.79	-0.6	-10.5	
1,711.0	9.04	93.28	1,709.1	-16.5	22.2	0.33	0.21	1.57	-1.1	-10.1	
1,724.0	9.03	93.55	1,721.9	-16.6	24.3	0.34	-0.08	2.08	-1.6	-9.7	
1,738.0	9.00	93.86	1,735.7	-16.8	26.5	0.41	-0.21	2.21	-2.0	-9.3	
1,751.0	8.95	94.20	1,748.6	-16.9	28.5	0.56	-0.38	2.62	-2.4	-8.9	
1,765.0	8.89	94.55	1,762.4	-17.1	30.6	0.58	-0.43	2.50	-2.7	-8.5	
1,778.0	8.82	94.92	1,775.2	-17.2	32.6	0.69	-0.54	2.85	-2.9	-8.1	
1,792.0	8.75	95.29	1,789.1	-17.4	34.8	0.64	-0.50	2.64	-3.0	-7.6	
1,806.0	8.67	95.63	1,802.9	-17.6	36.9	0.68	-0.57	2.43	-3.0	-7.2	
1,819.0	8.59	95.95	1,815.8	-17.8	38.8	0.72	-0.62	2.46	-2.9	-6.8	
1,833.0	8.51	96.28	1,829.6	-18.0	40.9	0.67	-0.57	2.36	-2.8	-6.4	
1,846.0	8.46	96.59	1,842.5	-18.3	42.8	0.52	-0.38	2.38	-2.5	-6.0	
1,860.0	8.42	96.89	1,856.3	-18.5	44.8	0.42	-0.29	2.14	-2.2	-5.6	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
1,873.0	9.10	98.08	1,869.2	-18.8	46.8	5.41	5.23	9.15	-2.0	-5.2
1,887.0	10.70	98.93	1,883.0	-19.1	49.2	11.48	11.43	6.07	-1.9	-4.8
1,901.0	11.04	98.83	1,896.7	-19.5	51.8	2.43	2.43	-0.71	-1.9	-4.5
1,914.0	11.21	98.99	1,909.5	-19.9	54.3	1.33	1.31	1.23	-2.0	-4.1
1,928.0	11.39	99.14	1,923.2	-20.3	57.0	1.30	1.29	1.07	-2.0	-3.8
1,942.0	11.58	99.30	1,936.9	-20.8	59.7	1.38	1.36	1.14	-2.0	-3.4
1,956.0	11.76	99.47	1,950.6	-21.3	62.5	1.31	1.29	1.21	-1.9	-3.1
1,969.0	11.92	99.67	1,963.4	-21.7	65.2	1.27	1.23	1.54	-1.8	-2.7
1,983.0	12.76	101.29	1,977.0	-22.2	68.1	6.49	6.00	11.57	-1.9	-2.4
1,997.0	13.79	101.16	1,990.7	-22.9	71.2	7.36	7.36	-0.93	-2.0	-2.1
2,010.0	13.82	101.47	2,003.3	-23.5	74.3	0.61	0.23	2.38	-2.2	-1.8
2,024.0	13.84	101.81	2,016.9	-24.2	77.6	0.60	0.14	2.43	-2.3	-1.5
2,037.0	13.84	102.16	2,029.5	-24.8	80.6	0.64	0.00	2.69	-2.4	-1.3
2,051.0	13.85	102.51	2,043.1	-25.5	83.9	0.60	0.07	2.50	-2.4	-1.1
2,064.0	14.21	103.14	2,055.7	-26.2	87.0	3.01	2.77	4.85	-2.4	-0.8
2,078.0	15.84	104.63	2,069.2	-27.1	90.5	11.96	11.64	10.64	-2.6	-0.6
2,092.0	16.34	105.19	2,082.7	-28.1	94.2	3.74	3.57	4.00	-2.9	-0.5
2,105.0	16.41	105.43	2,095.1	-29.1	97.8	0.75	0.54	1.85	-3.3	-0.4
2,119.0	16.48	105.68	2,108.6	-30.1	101.6	0.71	0.50	1.79	-3.6	-0.4
2,133.0	16.55	105.93	2,122.0	-31.2	105.4	0.71	0.50	1.79	-3.8	-0.3
2,147.0	16.61	106.18	2,135.4	-32.3	109.2	0.67	0.43	1.79	-4.0	-0.3
2,160.0	16.65	106.43	2,147.9	-33.3	112.8	0.63	0.31	1.92	-4.1	-0.3
2,174.0	16.67	106.69	2,161.3	-34.5	116.7	0.55	0.14	1.86	-4.2	-0.3
2,188.0	16.65	106.96	2,174.7	-35.7	120.5	0.57	-0.14	1.93	-4.2	-0.3
2,201.0	16.59	107.23	2,187.2	-36.7	124.1	0.75	-0.46	2.08	-4.2	-0.3
2,215.0	16.53	107.50	2,200.6	-37.9	127.9	0.70	-0.43	1.93	-4.0	-0.4
2,229.0	16.45	107.75	2,214.0	-39.1	131.7	0.76	-0.57	1.79	-3.8	-0.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
2,243.0	16.37	107.97	2,227.4	-40.4	135.4	0.72	-0.57	1.57	-3.5	-0.5
2,256.0	16.30	108.14	2,239.9	-41.5	138.9	0.65	-0.54	1.31	-3.1	-0.7
2,270.0	16.25	108.23	2,253.3	-42.7	142.6	0.40	-0.36	0.64	-2.8	-0.8
2,284.0	16.22	108.20	2,266.8	-43.9	146.3	0.22	-0.21	-0.21	-2.4	-0.9
2,297.0	16.20	108.09	2,279.3	-45.1	149.8	0.28	-0.15	-0.85	-2.0	-1.1
2,311.0	16.20	107.94	2,292.7	-46.3	153.5	0.30	0.00	-1.07	-1.7	-1.2
2,324.0	16.21	107.75	2,305.2	-47.4	157.0	0.42	0.08	-1.46	-1.3	-1.3
2,338.0	16.23	107.56	2,318.6	-48.6	160.7	0.41	0.14	-1.36	-0.9	-1.4
2,351.0	16.26	107.38	2,331.1	-49.7	164.2	0.45	0.23	-1.38	-0.6	-1.5
2,365.0	16.62	103.90	2,344.5	-50.7	168.0	7.49	2.57	-24.86	-0.1	-1.5
2,379.0	16.69	103.73	2,358.0	-51.7	171.9	0.61	0.50	-1.21	0.1	-1.3
2,392.0	16.77	103.57	2,370.4	-52.6	175.5	0.71	0.62	-1.23	0.4	-1.1
2,406.0	16.86	103.42	2,383.8	-53.5	179.4	0.71	0.64	-1.07	0.6	-0.9
2,420.0	16.96	103.29	2,397.2	-54.5	183.4	0.76	0.71	-0.93	0.8	-0.6
2,434.0	17.05	103.18	2,410.6	-55.4	187.4	0.68	0.64	-0.79	1.0	-0.4
2,447.0	17.13	103.12	2,423.0	-56.3	191.1	0.63	0.62	-0.46	1.2	-0.2
2,461.0	17.20	103.12	2,436.4	-57.2	195.1	0.50	0.50	0.00	1.3	0.1
2,475.0	17.24	103.21	2,449.8	-58.1	199.2	0.34	0.29	0.64	1.4	0.3
2,488.0	17.27	103.36	2,462.2	-59.0	202.9	0.41	0.23	1.15	1.5	0.5
2,502.0	17.29	103.54	2,475.5	-60.0	207.0	0.41	0.14	1.29	1.7	0.7
2,516.0	17.30	103.74	2,488.9	-61.0	211.0	0.43	0.07	1.43	1.8	0.9
2,530.0	17.31	103.95	2,502.3	-62.0	215.1	0.45	0.07	1.50	1.9	1.1
2,543.0	17.31	104.14	2,514.7	-62.9	218.8	0.43	0.00	1.46	2.0	1.2
2,557.0	17.31	104.30	2,528.1	-63.9	222.8	0.34	0.00	1.14	2.1	1.4
2,571.0	17.31	104.40	2,541.4	-65.0	226.9	0.21	0.00	0.71	2.2	1.5
2,584.0	17.30	104.47	2,553.8	-65.9	230.6	0.18	-0.08	0.54	2.4	1.7
2,598.0	17.29	104.52	2,567.2	-67.0	234.7	0.13	-0.07	0.36	2.5	1.8



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
2,611.0	17.29	104.57	2,579.6	-67.9	238.4	0.11	0.00	0.38	2.6	1.9
2,625.0	17.28	104.61	2,593.0	-69.0	242.4	0.11	-0.07	0.29	2.7	2.0
2,638.0	17.26	104.65	2,605.4	-70.0	246.2	0.18	-0.15	0.31	2.8	2.2
2,652.0	17.25	104.71	2,618.8	-71.0	250.2	0.15	-0.07	0.43	2.9	2.3
2,666.0	17.23	104.79	2,632.1	-72.1	254.2	0.22	-0.14	0.57	3.1	2.4
2,679.0	17.21	104.89	2,644.6	-73.1	257.9	0.27	-0.15	0.77	3.2	2.5
2,693.0	17.19	105.00	2,657.9	-74.1	261.9	0.27	-0.14	0.79	3.4	2.6
2,707.0	17.16	105.12	2,671.3	-75.2	265.9	0.33	-0.21	0.86	3.5	2.7
2,721.0	17.14	105.24	2,684.7	-76.3	269.9	0.29	-0.14	0.86	3.7	2.8
2,734.0	17.12	105.36	2,697.1	-77.3	273.6	0.31	-0.15	0.92	3.8	2.8
2,748.0	17.10	105.49	2,710.5	-78.4	277.5	0.31	-0.14	0.93	4.0	2.9
2,762.0	17.08	105.61	2,723.9	-79.5	281.5	0.29	-0.14	0.86	4.2	2.9
2,775.0	17.06	105.73	2,736.3	-80.5	285.2	0.31	-0.15	0.92	4.3	3.0
2,789.0	17.05	105.84	2,749.7	-81.6	289.1	0.24	-0.07	0.79	4.5	3.0
2,802.0	17.04	105.96	2,762.1	-82.7	292.8	0.28	-0.08	0.92	4.7	3.0
2,816.0	17.03	106.06	2,775.5	-83.8	296.7	0.22	-0.07	0.71	4.9	3.0
2,829.0	17.03	106.15	2,787.9	-84.9	300.4	0.20	0.00	0.69	5.1	3.0
2,843.0	17.04	106.21	2,801.3	-86.0	304.3	0.14	0.07	0.43	5.2	3.1
2,857.0	17.05	106.24	2,814.7	-87.2	308.3	0.10	0.07	0.21	5.4	3.1
2,870.0	17.08	106.26	2,827.1	-88.2	311.9	0.24	0.23	0.15	5.6	3.1
2,884.0	17.10	106.26	2,840.5	-89.4	315.9	0.14	0.14	0.00	5.8	3.1
2,897.0	17.13	106.27	2,852.9	-90.5	319.6	0.23	0.23	0.08	5.9	3.1
2,911.0	17.16	106.29	2,866.3	-91.6	323.5	0.22	0.21	0.14	6.1	3.1
2,924.0	17.19	106.34	2,878.7	-92.7	327.2	0.26	0.23	0.38	6.2	3.1
2,938.0	17.21	106.42	2,892.1	-93.9	331.2	0.22	0.14	0.57	6.4	3.1
2,952.0	17.22	106.57	2,905.5	-95.0	335.2	0.33	0.07	1.07	6.5	3.0
2,965.0	17.22	106.76	2,917.9	-96.1	338.8	0.43	0.00	1.46	6.6	3.0



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
2,979.0	17.22	106.97	2,931.3	-97.3	342.8	0.44	0.00	1.50	6.8	2.9
2,993.0	17.22	107.20	2,944.6	-98.6	346.8	0.49	0.00	1.64	6.9	2.8
3,007.0	17.23	107.43	2,958.0	-99.8	350.7	0.49	0.07	1.64	7.1	2.7
3,020.0	17.25	107.67	2,970.4	-101.0	354.4	0.57	0.15	1.85	7.2	2.6
3,034.0	17.28	107.89	2,983.8	-102.2	358.4	0.51	0.21	1.57	7.4	2.5
3,047.0	17.33	108.10	2,996.2	-103.4	362.0	0.62	0.38	1.62	7.5	2.4
3,061.0	17.40	108.29	3,009.6	-104.7	366.0	0.64	0.50	1.36	7.6	2.2
3,074.0	17.47	108.47	3,022.0	-105.9	369.7	0.68	0.54	1.38	7.7	2.0
3,088.0	17.54	108.62	3,035.3	-107.3	373.7	0.59	0.50	1.07	7.7	1.8
3,101.0	17.62	108.74	3,047.7	-108.5	377.4	0.68	0.62	0.92	7.8	1.7
3,115.0	17.69	108.82	3,061.1	-109.9	381.4	0.53	0.50	0.57	7.8	1.5
3,128.0	17.73	106.10	3,073.4	-111.1	385.2	6.37	0.31	-20.92	7.8	1.7
3,142.0	17.79	106.04	3,086.8	-112.3	389.3	0.45	0.43	-0.43	7.8	1.8
3,155.0	17.85	105.94	3,099.1	-113.4	393.1	0.52	0.46	-0.77	7.7	1.8
3,169.0	17.90	105.81	3,112.5	-114.6	397.3	0.46	0.36	-0.93	7.7	1.9
3,182.0	17.95	105.66	3,124.8	-115.6	401.1	0.52	0.38	-1.15	7.7	1.9
3,196.0	17.98	105.52	3,138.2	-116.8	405.3	0.38	0.21	-1.00	7.6	2.0
3,209.0	18.01	105.38	3,150.5	-117.9	409.1	0.40	0.23	-1.08	7.6	2.1
3,223.0	18.01	105.26	3,163.8	-119.0	413.3	0.27	0.00	-0.86	7.5	2.2
3,237.0	17.98	105.18	3,177.2	-120.1	417.5	0.28	-0.21	-0.57	7.5	2.3
3,250.0	17.94	105.14	3,189.5	-121.2	421.4	0.32	-0.31	-0.31	7.4	2.3
3,264.0	17.88	105.11	3,202.8	-122.3	425.5	0.43	-0.43	-0.21	7.4	2.4
3,278.0	17.82	105.09	3,216.2	-123.4	429.7	0.43	-0.43	-0.14	7.4	2.5
3,292.0	17.75	105.09	3,229.5	-124.5	433.8	0.50	-0.50	0.00	7.4	2.6
3,305.0	17.69	105.11	3,241.9	-125.6	437.6	0.46	-0.46	0.15	7.4	2.7
3,319.0	17.63	105.13	3,255.2	-126.7	441.7	0.43	-0.43	0.14	7.4	2.8
3,333.0	17.59	105.18	3,268.6	-127.8	445.8	0.31	-0.29	0.36	7.5	2.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	17.55	105.24	3,281.0	-128.8	449.6	0.34	-0.31	0.46	7.5	2.9
3,360.0	17.51	105.32	3,294.3	-129.9	453.7	0.33	-0.29	0.57	7.6	3.0
3,373.0	17.47	105.40	3,306.7	-131.0	457.4	0.36	-0.31	0.62	7.7	3.1
3,387.0	17.40	105.48	3,320.1	-132.1	461.5	0.53	-0.50	0.57	7.7	3.1
3,400.0	17.30	105.58	3,332.5	-133.1	465.2	0.80	-0.77	0.77	7.8	3.2
3,414.0	17.16	105.67	3,345.8	-134.2	469.2	1.02	-1.00	0.64	8.0	3.2
3,428.0	16.94	105.77	3,359.2	-135.4	473.1	1.59	-1.57	0.71	8.2	3.2
3,441.0	16.68	105.87	3,371.7	-136.4	476.8	2.01	-2.00	0.77	8.4	3.3
3,455.0	16.40	105.98	3,385.1	-137.5	480.6	2.01	-2.00	0.79	8.7	3.3
3,468.0	16.12	106.10	3,397.6	-138.5	484.1	2.17	-2.15	0.92	9.1	3.3
3,482.0	15.84	106.23	3,411.0	-139.6	487.8	2.02	-2.00	0.93	9.5	3.3
3,495.0	15.59	106.37	3,423.5	-140.5	491.2	1.95	-1.92	1.08	10.0	3.3
3,509.0	15.39	106.53	3,437.0	-141.6	494.8	1.46	-1.43	1.14	10.6	3.2
3,523.0	15.28	106.70	3,450.5	-142.7	498.3	0.85	-0.79	1.21	11.2	3.2
3,536.0	15.22	106.89	3,463.1	-143.6	501.6	0.60	-0.46	1.46	11.7	3.1
3,550.0	15.19	107.10	3,476.6	-144.7	505.1	0.45	-0.21	1.50	12.4	3.0
3,564.0	15.18	107.31	3,490.1	-145.8	508.6	0.40	-0.07	1.50	13.0	2.9
3,578.0	15.17	107.54	3,503.6	-146.9	512.1	0.44	-0.07	1.64	13.7	2.8
3,591.0	15.15	107.77	3,516.2	-147.9	515.3	0.49	-0.15	1.77	14.3	2.6
3,605.0	16.79	106.81	3,529.6	-149.1	519.0	11.86	11.71	-6.86	14.7	2.8
3,619.0	17.78	106.50	3,543.0	-150.3	523.0	7.10	7.07	-2.21	14.8	2.8
3,632.0	17.72	106.78	3,555.4	-151.4	526.8	0.80	-0.46	2.15	14.8	2.7
3,646.0	17.66	107.07	3,568.7	-152.6	530.9	0.76	-0.43	2.07	14.8	2.6
3,660.0	17.59	107.37	3,582.0	-153.9	534.9	0.82	-0.50	2.14	14.9	2.5
3,674.0	17.51	107.65	3,595.4	-155.2	538.9	0.83	-0.57	2.00	15.0	2.3
3,687.0	17.43	107.89	3,607.8	-156.4	542.7	0.83	-0.62	1.85	15.0	2.2
3,701.0	18.07	105.86	3,621.1	-157.6	546.7	6.36	4.57	-14.50	15.0	2.6



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	18.20	105.33	3,634.4	-158.8	550.9	1.50	0.93	-3.79	14.9	2.8
3,728.0	18.09	105.41	3,646.8	-159.8	554.8	0.87	-0.85	0.62	14.8	2.9
3,742.0	17.97	105.46	3,660.1	-161.0	559.0	0.86	-0.86	0.36	14.7	2.9
3,756.0	17.84	105.50	3,673.4	-162.1	563.2	0.93	-0.93	0.29	14.7	3.0
3,770.0	17.70	105.54	3,686.8	-163.3	567.3	1.00	-1.00	0.29	14.7	3.0
3,783.0	17.55	105.59	3,699.1	-164.3	571.1	1.16	-1.15	0.38	14.7	3.1
3,797.0	17.38	105.66	3,712.5	-165.5	575.1	1.22	-1.21	0.50	14.8	3.1
3,811.0	17.18	105.77	3,725.9	-166.6	579.1	1.45	-1.43	0.79	15.0	3.1
3,824.0	16.96	105.90	3,738.3	-167.6	582.8	1.72	-1.69	1.00	15.1	3.1
3,838.0	16.75	106.04	3,751.7	-168.8	586.7	1.53	-1.50	1.00	15.4	3.1
3,851.0	16.53	106.18	3,764.2	-169.8	590.3	1.72	-1.69	1.08	15.6	3.1
3,865.0	16.34	106.30	3,777.6	-170.9	594.1	1.38	-1.36	0.86	16.0	3.1
3,878.0	16.18	106.38	3,790.1	-171.9	597.6	1.24	-1.23	0.62	16.3	3.1
3,892.0	17.26	104.98	3,803.5	-173.0	601.4	8.23	7.71	-10.00	16.5	3.5
3,906.0	17.56	104.55	3,816.8	-174.1	605.5	2.33	2.14	-3.07	16.6	3.7
3,919.0	17.53	104.46	3,829.2	-175.1	609.3	0.31	-0.23	-0.69	16.6	3.9
3,933.0	17.52	104.34	3,842.6	-176.1	613.4	0.27	-0.07	-0.86	16.7	4.1
3,947.0	17.52	104.20	3,855.9	-177.1	617.5	0.30	0.00	-1.00	16.7	4.2
3,961.0	17.51	104.05	3,869.3	-178.2	621.5	0.33	-0.07	-1.07	16.8	4.5
3,974.0	17.55	103.72	3,881.7	-179.1	625.3	0.82	0.31	-2.54	16.8	4.7
3,988.0	18.39	101.07	3,895.0	-180.0	629.6	8.37	6.00	-18.93	16.5	5.7
4,002.0	19.43	99.19	3,908.2	-180.8	634.0	8.61	7.43	-13.43	16.0	6.7
4,015.0	19.30	98.99	3,920.5	-181.5	638.3	1.12	-1.00	-1.54	15.6	7.3
4,029.0	19.14	98.77	3,933.7	-182.2	642.8	1.25	-1.14	-1.57	15.2	7.9
4,043.0	18.97	98.54	3,946.9	-182.9	647.4	1.33	-1.21	-1.64	14.8	8.5
4,057.0	18.80	98.33	3,960.2	-183.6	651.8	1.31	-1.21	-1.50	14.5	9.1
4,070.0	18.62	98.15	3,972.5	-184.2	656.0	1.45	-1.38	-1.38	14.2	9.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	18.44	98.04	3,985.8	-184.8	660.4	1.31	-1.29	-0.79	14.0	10.4	
4,098.0	18.27	98.05	3,999.1	-185.4	664.7	1.21	-1.21	0.07	13.8	11.0	
4,111.0	18.10	98.14	4,011.4	-186.0	668.8	1.33	-1.31	0.69	13.7	11.5	
4,125.0	17.93	98.29	4,024.7	-186.6	673.0	1.26	-1.21	1.07	13.6	12.1	
4,138.0	17.78	98.48	4,037.1	-187.2	677.0	1.24	-1.15	1.46	13.6	12.6	
4,152.0	17.63	98.71	4,050.4	-187.8	681.2	1.18	-1.07	1.64	13.6	13.1	
4,165.0	17.49	98.99	4,062.8	-188.4	685.1	1.26	-1.08	2.15	13.7	13.6	
4,179.0	17.36	99.30	4,076.2	-189.1	689.2	1.14	-0.93	2.21	13.8	14.1	
4,193.0	17.26	99.66	4,089.6	-189.8	693.3	1.05	-0.71	2.57	14.0	14.5	
4,206.0	17.18	100.05	4,102.0	-190.4	697.1	1.08	-0.62	3.00	14.2	14.8	
4,220.0	17.11	100.47	4,115.4	-191.2	701.2	1.02	-0.50	3.00	14.4	15.1	
4,234.0	17.04	100.92	4,128.7	-191.9	705.2	1.07	-0.50	3.21	14.7	15.3	
4,248.0	16.99	101.37	4,142.1	-192.7	709.2	1.01	-0.36	3.21	15.0	15.4	
4,261.0	16.96	101.84	4,154.6	-193.5	712.9	1.08	-0.23	3.62	15.2	15.4	
4,275.0	16.93	102.31	4,168.0	-194.3	716.9	1.00	-0.21	3.36	15.5	15.3	
4,289.0	16.92	102.77	4,181.3	-195.2	720.9	0.96	-0.07	3.29	15.8	15.0	
4,302.0	16.91	103.23	4,193.8	-196.1	724.6	1.03	-0.08	3.54	16.1	14.7	
4,316.0	16.91	103.66	4,207.2	-197.0	728.6	0.89	0.00	3.07	16.3	14.3	
4,329.0	16.90	104.05	4,219.6	-197.9	732.2	0.88	-0.08	3.00	16.6	13.8	
4,343.0	16.88	104.37	4,233.0	-198.9	736.2	0.68	-0.14	2.29	16.8	13.2	
4,356.0	16.82	104.58	4,245.5	-199.9	739.8	0.66	-0.46	1.62	17.0	12.6	
4,370.0	18.14	102.49	4,258.8	-200.9	743.9	10.44	9.43	-14.93	16.5	12.6	
4,384.0	18.95	101.70	4,272.1	-201.8	748.3	6.06	5.79	-5.64	16.1	12.3	
4,397.0	18.75	101.39	4,284.4	-202.6	752.4	1.72	-1.54	-2.38	15.7	11.8	
4,411.0	18.51	101.00	4,297.6	-203.5	756.8	1.93	-1.71	-2.79	15.4	11.3	
4,425.0	18.28	100.59	4,310.9	-204.3	761.1	1.88	-1.64	-2.93	15.1	10.8	
4,439.0	18.06	100.23	4,324.2	-205.1	765.4	1.76	-1.57	-2.57	14.8	10.2	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	17.88	99.65	4,336.6	-205.8	769.3	1.95	-1.38	-4.46	14.6	9.6	
4,466.0	18.09	94.25	4,349.9	-206.3	773.6	12.00	1.50	-38.57	13.6	10.4	
4,480.0	18.24	90.38	4,363.2	-206.5	778.0	8.68	1.07	-27.64	12.9	11.0	
4,493.0	18.21	90.91	4,375.6	-206.6	782.1	1.30	-0.23	4.08	12.8	10.7	
4,507.0	18.21	91.58	4,388.9	-206.6	786.4	1.50	0.00	4.79	12.9	10.4	
4,520.0	18.24	92.31	4,401.2	-206.8	790.5	1.77	0.23	5.62	12.9	10.1	
4,534.0	18.27	93.07	4,414.5	-207.0	794.9	1.71	0.21	5.43	12.9	9.6	
4,547.0	18.31	93.79	4,426.9	-207.2	798.9	1.77	0.31	5.54	12.9	9.2	
4,561.0	18.33	94.44	4,440.1	-207.5	803.3	1.47	0.14	4.64	12.8	8.6	
4,575.0	18.33	94.93	4,453.4	-207.9	807.7	1.10	0.00	3.50	12.7	8.1	
4,588.0	18.32	95.32	4,465.8	-208.3	811.8	0.95	-0.08	3.00	12.6	7.6	
4,602.0	18.30	95.65	4,479.1	-208.7	816.2	0.75	-0.14	2.36	12.5	7.1	
4,615.0	18.28	95.95	4,491.4	-209.1	820.2	0.74	-0.15	2.31	12.4	6.5	
4,629.0	18.25	96.23	4,504.7	-209.6	824.6	0.66	-0.21	2.00	12.3	5.9	
4,642.0	18.22	96.51	4,517.1	-210.0	828.6	0.71	-0.23	2.15	12.2	5.4	
4,656.0	18.19	96.82	4,530.4	-210.5	833.0	0.72	-0.21	2.21	12.1	4.7	
4,670.0	18.16	97.17	4,543.7	-211.1	837.3	0.81	-0.21	2.50	12.0	4.1	
4,683.0	18.13	97.54	4,556.0	-211.6	841.3	0.92	-0.23	2.85	11.9	3.4	
4,697.0	18.09	97.92	4,569.3	-212.2	845.6	0.89	-0.29	2.71	11.7	2.7	
4,710.0	18.06	98.30	4,581.7	-212.7	849.6	0.94	-0.23	2.92	11.6	2.0	
4,724.0	18.01	98.66	4,595.0	-213.4	853.9	0.87	-0.36	2.57	11.5	1.2	
4,737.0	17.97	98.98	4,607.3	-214.0	857.9	0.82	-0.31	2.46	11.4	0.5	
4,751.0	17.91	99.26	4,620.7	-214.7	862.2	0.75	-0.43	2.00	11.3	-0.3	
4,765.0	17.88	97.81	4,634.0	-215.3	866.4	3.19	-0.21	-10.36	11.3	-0.7	
4,778.0	17.79	93.84	4,646.4	-215.7	870.4	9.38	-0.69	-30.54	11.3	-0.5	
4,792.0	17.68	93.13	4,659.7	-216.0	874.6	1.73	-0.79	-5.07	11.3	-0.7	
4,805.0	17.56	93.15	4,672.1	-216.2	878.5	0.92	-0.92	0.15	11.3	-1.0	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
4,819.0	17.42	93.13	4,685.4	-216.4	882.8	1.00	-1.00	-0.14	11.4	-1.3	
4,832.0	17.26	93.09	4,697.9	-216.6	886.6	1.23	-1.23	-0.31	11.5	-1.5	
4,846.0	17.08	93.02	4,711.2	-216.9	890.7	1.29	-1.29	-0.50	11.6	-1.8	
4,860.0	16.86	92.93	4,724.6	-217.1	894.8	1.58	-1.57	-0.64	11.8	-2.1	
4,873.0	16.62	92.82	4,737.1	-217.3	898.6	1.86	-1.85	-0.85	12.0	-2.4	
4,887.0	16.37	92.71	4,750.5	-217.4	902.5	1.80	-1.79	-0.79	12.3	-2.6	
4,901.0	16.11	92.59	4,763.9	-217.6	906.4	1.87	-1.86	-0.86	12.7	-2.9	
4,915.0	15.86	92.47	4,777.4	-217.8	910.3	1.80	-1.79	-0.86	13.1	-3.1	
4,928.0	15.62	92.36	4,789.9	-217.9	913.8	1.86	-1.85	-0.85	13.6	-3.3	
4,942.0	15.40	92.29	4,803.4	-218.1	917.6	1.58	-1.57	-0.50	14.1	-3.6	
4,956.0	15.22	92.29	4,816.9	-218.2	921.3	1.29	-1.29	0.00	14.7	-3.8	
4,969.0	15.05	92.32	4,829.4	-218.4	924.6	1.31	-1.31	0.23	15.3	-4.0	
4,983.0	14.91	92.37	4,843.0	-218.5	928.3	1.00	-1.00	0.36	16.0	-4.3	
4,996.0	14.79	92.43	4,855.5	-218.7	931.6	0.93	-0.92	0.46	16.7	-4.5	
5,010.0	14.69	92.48	4,869.1	-218.8	935.2	0.72	-0.71	0.36	17.4	-4.8	
5,023.0	14.62	92.53	4,881.7	-219.0	938.4	0.55	-0.54	0.38	18.1	-5.1	
5,037.0	15.09	92.83	4,895.2	-219.1	942.0	3.40	3.36	2.14	18.8	-5.4	
5,051.0	16.25	91.99	4,908.7	-219.3	945.8	8.44	8.29	-6.00	19.4	-5.4	
5,064.0	16.55	91.62	4,921.1	-219.4	949.5	2.44	2.31	-2.85	19.7	-5.5	
5,078.0	16.68	91.57	4,934.6	-219.5	953.5	0.93	0.93	-0.36	20.0	-5.7	
5,091.0	16.82	91.51	4,947.0	-219.6	957.2	1.09	1.08	-0.46	20.2	-5.8	
5,105.0	16.97	91.43	4,960.4	-219.7	961.3	1.08	1.07	-0.57	20.4	-6.0	
5,118.0	17.09	91.33	4,972.8	-219.8	965.1	0.95	0.92	-0.77	20.6	-6.1	
5,132.0	18.55	89.43	4,986.2	-219.8	969.4	11.22	10.43	-13.57	20.8	-5.6	
5,146.0	20.13	88.56	4,999.4	-219.8	974.0	11.47	11.29	-6.21	20.5	-5.3	
5,159.0	20.91	88.11	5,011.5	-219.6	978.6	6.12	6.00	-3.46	19.9	-5.1	
5,173.0	20.87	87.92	5,024.6	-219.5	983.6	0.56	-0.29	-1.36	19.2	-4.9	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
5,186.0	20.81	87.70	5,036.8	-219.3	988.2	0.76	-0.46	-1.69	18.5	-4.8
5,200.0	20.74	87.49	5,049.9	-219.1	993.1	0.73	-0.50	-1.50	17.8	-4.6
5,213.0	20.69	87.30	5,062.0	-218.9	997.7	0.64	-0.38	-1.46	17.1	-4.4
5,227.0	20.64	87.14	5,075.1	-218.6	1,002.7	0.54	-0.36	-1.14	16.4	-4.2
5,241.0	20.62	87.06	5,088.2	-218.4	1,007.6	0.25	-0.14	-0.57	15.6	-3.8
5,254.0	20.62	87.01	5,100.4	-218.1	1,012.2	0.14	0.00	-0.38	14.9	-3.5
5,268.0	20.63	87.00	5,113.5	-217.9	1,017.1	0.08	0.07	-0.07	14.1	-3.1
5,282.0	20.65	86.99	5,126.6	-217.6	1,022.0	0.15	0.14	-0.07	13.3	-2.6
5,296.0	20.68	86.99	5,139.7	-217.4	1,027.0	0.21	0.21	0.00	12.4	-2.0
5,309.0	20.54	87.98	5,151.9	-217.2	1,031.5	2.89	-1.08	7.62	11.6	-1.6
5,323.0	20.14	90.68	5,165.0	-217.1	1,036.4	7.29	-2.86	19.29	10.7	-1.6
5,337.0	20.12	91.16	5,178.1	-217.2	1,041.2	1.19	-0.14	3.43	10.0	-1.2
5,350.0	20.18	91.14	5,190.3	-217.3	1,045.7	0.46	0.46	-0.15	9.3	-0.8
5,364.0	20.24	91.10	5,203.5	-217.4	1,050.5	0.44	0.43	-0.29	8.5	-0.2
5,377.0	20.30	91.02	5,215.7	-217.4	1,055.0	0.51	0.46	-0.62	7.7	0.4
5,391.0	20.35	90.87	5,228.8	-217.5	1,059.9	0.52	0.36	-1.07	6.8	1.2
5,404.0	20.15	90.61	5,241.0	-217.6	1,064.4	1.69	-1.54	-2.00	6.0	1.9
5,418.0	19.72	90.29	5,254.2	-217.6	1,069.2	3.17	-3.07	-2.29	5.2	2.8
5,432.0	19.72	89.60	5,267.3	-217.6	1,073.9	1.66	0.00	-4.93	4.3	3.9
5,445.0	19.70	88.78	5,279.6	-217.6	1,078.3	2.13	-0.15	-6.31	3.5	4.9
5,459.0	19.68	87.93	5,292.8	-217.4	1,083.0	2.05	-0.14	-6.07	2.6	6.2
5,473.0	19.65	87.14	5,305.9	-217.2	1,087.7	1.91	-0.21	-5.64	1.7	7.6
5,487.0	19.57	86.99	5,319.1	-217.0	1,092.4	0.68	-0.57	-1.07	0.7	9.0
5,500.0	19.26	89.93	5,331.4	-216.9	1,096.7	7.89	-2.38	22.62	0.4	10.3
5,514.0	19.00	92.95	5,344.6	-217.0	1,101.3	7.31	-1.86	21.57	0.2	11.5
5,528.0	18.93	96.11	5,357.9	-217.3	1,105.8	7.35	-0.50	22.57	0.2	12.6
5,541.0	19.27	99.02	5,370.1	-217.9	1,110.0	7.78	2.62	22.38	0.3	13.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
5,555.0	19.93	100.78	5,383.3	-218.7	1,114.7	6.32	4.71	12.57	0.0	14.4	
5,568.0	20.42	102.26	5,395.5	-219.6	1,119.0	5.44	3.77	11.38	-0.5	15.1	
5,582.0	20.31	103.27	5,408.7	-220.7	1,123.8	2.63	-0.79	7.21	-1.1	16.0	
5,595.0	20.21	104.34	5,420.8	-221.7	1,128.2	2.95	-0.77	8.23	-1.6	16.7	
5,609.0	20.12	105.20	5,434.0	-223.0	1,132.8	2.21	-0.64	6.14	-2.2	17.5	
5,623.0	20.05	105.49	5,447.1	-224.2	1,137.5	0.87	-0.50	2.07	-2.9	18.4	
5,636.0	19.90	107.08	5,459.4	-225.5	1,141.7	4.33	-1.15	12.23	-3.1	19.2	
5,650.0	19.64	111.47	5,472.5	-227.1	1,146.2	10.77	-1.86	31.36	-2.4	20.1	
5,664.0	19.46	115.92	5,485.7	-228.9	1,150.5	10.71	-1.29	31.79	-1.5	20.6	
5,678.0	19.59	118.63	5,498.9	-231.1	1,154.6	6.54	0.93	19.36	-1.1	20.9	
5,691.0	19.58	118.23	5,511.2	-233.2	1,158.5	1.03	-0.08	-3.08	-1.7	21.1	
5,705.0	20.16	120.22	5,524.3	-235.5	1,162.6	6.36	4.14	14.21	-1.6	21.4	
5,719.0	20.04	123.12	5,537.5	-238.0	1,166.7	7.17	-0.86	20.71	-1.2	21.5	
5,732.0	19.59	126.90	5,549.7	-240.5	1,170.3	10.44	-3.46	29.08	-0.4	21.5	
5,746.0	19.59	128.05	5,562.9	-243.4	1,174.1	2.75	0.00	8.21	-0.4	21.3	
5,759.0	19.62	127.90	5,575.1	-246.1	1,177.5	0.45	0.23	-1.15	-0.9	21.2	
5,773.0	19.65	127.75	5,588.3	-249.0	1,181.2	0.42	0.21	-1.07	-1.4	21.1	
5,786.0	19.65	127.61	5,600.6	-251.6	1,184.7	0.36	0.00	-1.08	-1.8	21.0	
5,800.0	19.59	127.46	5,613.8	-254.5	1,188.4	0.56	-0.43	-1.07	-2.3	21.1	
5,814.0	19.43	127.29	5,627.0	-257.3	1,192.1	1.21	-1.14	-1.21	-2.7	21.2	
5,827.0	19.21	127.11	5,639.2	-259.9	1,195.5	1.75	-1.69	-1.38	-3.0	21.3	
5,841.0	18.95	126.91	5,652.5	-262.7	1,199.2	1.91	-1.86	-1.43	-3.3	21.5	
5,855.0	18.67	126.71	5,665.7	-265.4	1,202.8	2.05	-2.00	-1.43	-3.6	21.7	
5,869.0	18.39	126.50	5,679.0	-268.0	1,206.4	2.06	-2.00	-1.50	-3.7	21.9	
5,882.0	18.12	126.27	5,691.3	-270.5	1,209.7	2.15	-2.08	-1.77	-3.9	22.1	
5,896.0	17.88	126.04	5,704.6	-273.0	1,213.2	1.79	-1.71	-1.64	-3.9	22.4	
5,910.0	17.69	125.83	5,718.0	-275.5	1,216.6	1.43	-1.36	-1.50	-3.9	22.6	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	17.54	125.62	5,730.4	-277.8	1,219.8	1.25	-1.15	-1.62	-3.9	22.9
5,937.0	17.41	125.39	5,743.7	-280.3	1,223.2	1.05	-0.93	-1.64	-3.8	23.2
5,950.0	17.30	125.15	5,756.1	-282.5	1,226.4	1.01	-0.85	-1.85	-3.7	23.5
5,964.0	17.20	124.89	5,769.5	-284.9	1,229.8	0.90	-0.71	-1.86	-3.6	23.8
5,977.0	17.12	124.60	5,781.9	-287.1	1,232.9	0.90	-0.62	-2.23	-3.5	24.1
5,991.0	17.06	124.26	5,795.3	-289.4	1,236.3	0.83	-0.43	-2.43	-3.4	24.5
6,005.0	17.02	123.84	5,808.7	-291.7	1,239.7	0.92	-0.29	-3.00	-3.3	24.9
6,018.0	17.00	123.38	5,821.1	-293.8	1,242.9	1.05	-0.15	-3.54	-3.3	25.3
6,032.0	16.98	122.89	5,834.5	-296.0	1,246.3	1.03	-0.14	-3.50	-3.2	25.7
6,045.0	16.97	122.39	5,846.9	-298.1	1,249.5	1.13	-0.08	-3.85	-3.2	26.2
6,059.0	16.95	121.88	5,860.3	-300.2	1,253.0	1.07	-0.14	-3.64	-3.2	26.7
6,072.0	16.92	121.39	5,872.8	-302.2	1,256.2	1.12	-0.23	-3.77	-3.2	27.3
6,086.0	16.86	120.92	5,886.2	-304.3	1,259.7	1.07	-0.43	-3.36	-3.1	27.9
6,100.0	16.76	120.50	5,899.6	-306.4	1,263.2	1.12	-0.71	-3.00	-3.0	28.5
6,113.0	16.63	120.12	5,912.0	-308.3	1,266.4	1.31	-1.00	-2.92	-3.0	29.2
6,127.0	16.49	119.79	5,925.4	-310.3	1,269.9	1.20	-1.00	-2.36	-2.8	29.9
6,140.0	16.34	119.52	5,937.9	-312.1	1,273.0	1.29	-1.15	-2.08	-2.6	30.6
6,154.0	16.18	119.34	5,951.4	-314.0	1,276.5	1.20	-1.14	-1.29	-2.3	31.3
6,167.0	16.04	119.30	5,963.8	-315.8	1,279.6	1.08	-1.08	-0.31	-1.9	32.0
6,181.0	15.90	119.46	5,977.3	-317.7	1,283.0	1.05	-1.00	1.14	-1.4	32.8
6,195.0	15.77	119.96	5,990.8	-319.6	1,286.3	1.35	-0.93	3.57	-0.6	33.6
6,208.0	15.67	120.65	6,003.3	-321.4	1,289.3	1.63	-0.77	5.31	0.3	34.2
6,222.0	15.58	121.42	6,016.8	-323.3	1,292.6	1.61	-0.64	5.50	1.3	34.8
6,236.0	15.51	122.19	6,030.3	-325.3	1,295.7	1.56	-0.50	5.50	2.4	35.4
6,250.0	15.38	122.85	6,043.7	-327.3	1,298.9	1.56	-0.93	4.71	3.4	35.9
6,263.0	14.93	125.09	6,056.3	-329.2	1,301.7	5.68	-3.46	17.23	5.4	36.1
6,277.0	15.62	128.96	6,069.8	-331.4	1,304.6	8.79	4.93	27.64	8.5	35.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
6,291.0	15.99	131.38	6,083.3	-333.9	1,307.6	5.40	2.64	17.29	10.5	35.5
6,304.0	16.04	131.46	6,095.8	-336.2	1,310.2	0.42	0.38	0.62	11.0	35.3
6,318.0	16.10	131.48	6,109.2	-338.8	1,313.2	0.43	0.43	0.14	11.5	35.2
6,332.0	16.18	131.43	6,122.7	-341.4	1,316.1	0.58	0.57	-0.36	12.0	35.0
6,346.0	16.27	131.31	6,136.1	-344.0	1,319.0	0.69	0.64	-0.86	12.4	34.9
6,359.0	16.36	131.09	6,148.6	-346.4	1,321.8	0.84	0.69	-1.69	12.7	34.8
6,373.0	16.44	130.75	6,162.0	-349.0	1,324.7	0.89	0.57	-2.43	12.9	34.8
6,387.0	16.51	130.21	6,175.4	-351.5	1,327.8	1.20	0.50	-3.86	13.0	34.9
6,400.0	16.57	129.56	6,187.9	-353.9	1,330.6	1.50	0.46	-5.00	13.0	35.0
6,414.0	16.62	128.85	6,201.3	-356.4	1,333.7	1.49	0.36	-5.07	13.0	35.1
6,428.0	16.66	128.12	6,214.7	-358.9	1,336.8	1.52	0.29	-5.21	12.9	35.4
6,442.0	16.69	127.41	6,228.1	-361.4	1,340.0	1.47	0.21	-5.07	12.7	35.7
6,455.0	16.95	126.32	6,240.6	-363.6	1,343.0	3.14	2.00	-8.38	12.3	36.1
6,469.0	16.42	127.45	6,254.0	-366.1	1,346.2	4.44	-3.79	8.07	13.1	36.0
6,483.0	15.68	126.74	6,267.5	-368.4	1,349.3	5.47	-5.29	-5.07	12.9	36.4
6,496.0	15.24	127.16	6,280.0	-370.5	1,352.1	3.49	-3.38	3.23	13.4	36.4
6,510.0	15.08	126.65	6,293.5	-372.7	1,355.0	1.49	-1.14	-3.64	13.4	36.7
6,523.0	14.91	126.12	6,306.1	-374.7	1,357.7	1.68	-1.31	-4.08	13.3	37.1
6,537.0	14.74	125.54	6,319.6	-376.8	1,360.6	1.61	-1.21	-4.14	13.2	37.4
6,550.0	14.58	124.89	6,332.2	-378.7	1,363.3	1.77	-1.23	-5.00	13.0	37.9
6,564.0	13.53	125.94	6,345.7	-380.6	1,366.1	7.72	-7.50	7.50	13.9	37.9
6,578.0	12.10	126.32	6,359.4	-382.5	1,368.6	10.23	-10.21	2.71	14.7	38.0
6,591.0	10.95	130.10	6,372.1	-384.1	1,370.6	10.58	-8.85	29.08	17.9	37.1
6,605.0	10.80	128.66	6,385.9	-385.7	1,372.7	2.22	-1.07	-10.29	17.8	37.5
6,619.0	10.73	126.23	6,399.6	-387.3	1,374.8	3.28	-0.50	-17.36	17.1	38.4
6,633.0	10.67	123.76	6,413.4	-388.8	1,376.9	3.30	-0.43	-17.64	16.3	39.3
6,646.0	10.61	121.48	6,426.2	-390.1	1,378.9	3.27	-0.46	-17.54	15.4	40.3



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
6,660.0	10.52	119.67	6,439.9	-391.4	1,381.1	2.46	-0.64	-12.93	14.8	41.3	
6,674.0	10.34	118.96	6,453.7	-392.7	1,383.3	1.58	-1.29	-5.07	14.9	42.0	
6,687.0	10.14	118.85	6,466.5	-393.8	1,385.4	1.55	-1.54	-0.85	15.3	42.6	
6,701.0	9.93	119.15	6,480.3	-395.0	1,387.5	1.55	-1.50	2.14	16.1	43.1	
6,714.0	9.72	119.71	6,493.1	-396.0	1,389.4	1.77	-1.62	4.31	17.1	43.4	
6,728.0	9.53	120.42	6,506.9	-397.2	1,391.4	1.60	-1.36	5.07	18.1	43.7	
6,741.0	9.36	121.15	6,519.7	-398.3	1,393.3	1.60	-1.31	5.62	19.2	43.9	
6,755.0	8.77	127.13	6,533.5	-399.5	1,395.1	7.93	-4.21	42.71	24.2	41.9	
6,769.0	8.48	130.10	6,547.4	-400.9	1,396.7	3.80	-2.07	21.21	26.9	40.6	
6,782.0	8.42	130.40	6,560.2	-402.1	1,398.2	0.57	-0.46	2.31	27.7	40.5	
6,796.0	8.37	130.67	6,574.1	-403.4	1,399.8	0.45	-0.36	1.93	28.5	40.3	
6,810.0	8.33	130.92	6,587.9	-404.7	1,401.3	0.39	-0.29	1.79	29.1	40.1	
6,824.0	8.30	131.18	6,601.8	-406.1	1,402.8	0.34	-0.21	1.86	29.7	39.9	
6,837.0	8.26	131.45	6,614.7	-407.3	1,404.2	0.43	-0.31	2.08	30.3	39.7	
6,851.0	8.21	131.74	6,628.5	-408.6	1,405.7	0.46	-0.36	2.07	30.8	39.5	
6,865.0	8.13	132.03	6,642.4	-410.0	1,407.2	0.64	-0.57	2.07	31.3	39.2	
6,878.0	8.03	132.33	6,655.2	-411.2	1,408.6	0.83	-0.77	2.31	31.7	39.0	
6,892.0	7.92	132.62	6,669.1	-412.5	1,410.0	0.84	-0.79	2.07	32.1	38.7	
6,906.0	7.80	132.89	6,683.0	-413.8	1,411.4	0.90	-0.86	1.93	32.4	38.4	
6,920.0	7.68	133.11	6,696.9	-415.1	1,412.8	0.88	-0.86	1.57	32.7	38.2	
6,933.0	7.55	133.24	6,709.7	-416.3	1,414.0	1.01	-1.00	1.00	32.8	38.0	
6,947.0	7.42	133.21	6,723.6	-417.5	1,415.4	0.93	-0.93	-0.21	32.8	37.9	
6,961.0	7.28	132.85	6,737.5	-418.7	1,416.7	1.05	-1.00	-2.57	32.6	38.0	
6,974.0	7.13	132.32	6,750.4	-419.8	1,417.9	1.26	-1.15	-4.08	32.2	38.2	
6,988.0	7.00	131.69	6,764.3	-421.0	1,419.2	1.08	-0.93	-4.50	31.7	38.5	
7,002.0	6.88	131.05	6,778.2	-422.1	1,420.4	1.02	-0.86	-4.57	31.2	38.8	
7,016.0	6.78	130.45	6,792.1	-423.2	1,421.7	0.88	-0.71	-4.29	30.6	39.1	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	6.42	130.77	6,805.0	-424.2	1,422.8	2.78	-2.77	2.46	30.7	38.9
7,043.0	5.51	130.67	6,818.9	-425.1	1,423.9	6.50	-6.50	-0.71	30.6	38.9
7,057.0	4.57	120.47	6,832.9	-425.8	1,424.9	9.25	-6.71	-72.86	23.3	43.8
7,070.0	4.10	111.62	6,845.8	-426.3	1,425.8	6.28	-3.62	-68.08	16.4	47.1
7,084.0	4.25	112.02	6,859.8	-426.7	1,426.7	1.09	1.07	2.86	16.9	47.3
7,097.0	4.42	112.49	6,872.8	-427.0	1,427.6	1.34	1.31	3.62	17.3	47.5
7,111.0	4.60	112.95	6,886.7	-427.5	1,428.7	1.31	1.29	3.29	17.6	47.7
7,124.0	4.76	113.35	6,899.7	-427.9	1,429.6	1.26	1.23	3.08	17.7	47.8
7,138.0	4.89	113.63	6,913.6	-428.3	1,430.7	0.94	0.93	2.00	17.7	48.0
7,152.0	4.94	113.76	6,927.6	-428.8	1,431.8	0.37	0.36	0.93	17.4	48.2
7,165.0	4.95	113.77	6,940.5	-429.3	1,432.8	0.08	0.08	0.08	17.0	48.4
7,179.0	4.93	113.72	6,954.5	-429.8	1,433.9	0.15	-0.14	-0.36	16.4	48.6
7,192.0	4.89	113.68	6,967.4	-430.2	1,435.0	0.31	-0.31	-0.31	15.8	48.8
7,206.0	4.83	113.70	6,981.4	-430.7	1,436.0	0.43	-0.43	0.14	15.2	48.9
7,219.0	4.77	113.87	6,994.3	-431.1	1,437.0	0.47	-0.46	1.31	14.7	49.0
7,233.0	4.45	107.17	7,008.3	-431.5	1,438.1	4.47	-2.29	-47.86	8.2	50.5
7,247.0	4.20	100.15	7,022.2	-431.8	1,439.1	4.18	-1.79	-50.14	1.3	51.2
7,260.0	4.02	101.90	7,035.2	-432.0	1,440.0	1.69	-1.38	13.46	2.2	51.3
7,274.0	3.79	104.35	7,049.2	-432.2	1,441.0	2.03	-1.64	17.50	3.6	51.3
7,288.0	3.67	106.32	7,063.2	-432.4	1,441.8	1.25	-0.86	14.07	4.6	51.3
7,302.0	3.56	108.37	7,077.1	-432.7	1,442.7	1.21	-0.79	14.64	5.7	51.1
7,315.0	3.21	112.00	7,090.1	-432.9	1,443.4	3.16	-2.69	27.92	8.2	50.7
7,329.0	2.26	123.27	7,104.1	-433.2	1,444.0	7.77	-6.79	80.50	17.3	48.2
7,343.0	1.45	139.05	7,118.1	-433.5	1,444.3	6.79	-5.79	112.71	29.3	41.8
7,356.0	1.37	140.63	7,131.1	-433.8	1,444.5	0.68	-0.62	12.15	30.1	40.9
7,370.0	1.30	141.93	7,145.1	-434.0	1,444.8	0.54	-0.50	9.29	30.7	40.2
7,384.0	1.24	143.04	7,159.1	-434.3	1,444.9	0.46	-0.43	7.93	31.2	39.6



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	1.17	144.02	7,173.1	-434.5	1,445.1	0.52	-0.50	7.00	31.5	39.1	
7,411.0	1.12	144.88	7,186.1	-434.7	1,445.3	0.41	-0.38	6.62	31.9	38.6	
7,425.0	1.07	145.61	7,200.1	-434.9	1,445.4	0.37	-0.36	5.21	32.1	38.2	
7,439.0	1.04	146.22	7,214.1	-435.1	1,445.6	0.23	-0.21	4.36	32.2	37.9	
7,452.0	1.09	145.18	7,227.1	-435.3	1,445.7	0.41	0.38	-8.00	31.3	38.5	
7,466.0	1.16	144.14	7,241.1	-435.6	1,445.9	0.52	0.50	-7.43	30.3	39.0	
7,479.0	1.22	143.21	7,254.0	-435.8	1,446.0	0.48	0.46	-7.15	29.4	39.5	
7,493.0	1.28	142.37	7,268.0	-436.0	1,446.2	0.45	0.43	-6.00	28.5	39.9	
7,506.0	1.34	141.61	7,281.0	-436.3	1,446.4	0.48	0.46	-5.85	27.7	40.3	
7,520.0	1.41	140.92	7,295.0	-436.5	1,446.6	0.51	0.50	-4.93	26.9	40.6	
7,534.0	1.38	140.99	7,309.0	-436.8	1,446.8	0.21	-0.21	0.50	26.6	40.6	
7,547.0	1.35	140.97	7,322.0	-437.0	1,447.0	0.23	-0.23	-0.15	26.3	40.6	
7,561.0	1.33	140.85	7,336.0	-437.3	1,447.2	0.14	-0.14	-0.86	25.8	40.7	
7,575.0	1.30	140.64	7,350.0	-437.5	1,447.4	0.22	-0.21	-1.50	25.4	40.8	
7,589.0	1.28	140.33	7,364.0	-437.8	1,447.6	0.15	-0.14	-2.21	24.8	40.9	
7,602.0	1.26	139.90	7,377.0	-438.0	1,447.8	0.17	-0.15	-3.31	24.2	41.1	
7,616.0	1.24	139.30	7,391.0	-438.2	1,448.0	0.17	-0.14	-4.29	23.5	41.3	
7,630.0	1.23	138.53	7,405.0	-438.5	1,448.2	0.14	-0.07	-5.50	22.6	41.6	
7,643.0	1.22	137.63	7,418.0	-438.7	1,448.4	0.17	-0.08	-6.92	21.7	42.0	
7,657.0	1.21	136.68	7,432.0	-438.9	1,448.6	0.16	-0.07	-6.79	20.7	42.3	
7,670.0	1.20	135.76	7,445.0	-439.1	1,448.8	0.17	-0.08	-7.08	19.8	42.7	
7,684.0	1.19	134.96	7,459.0	-439.3	1,449.0	0.14	-0.07	-5.71	18.9	42.9	
7,697.0	1.19	134.40	7,472.0	-439.5	1,449.2	0.09	0.00	-4.31	18.2	43.1	
7,711.0	1.19	134.20	7,486.0	-439.7	1,449.4	0.03	0.00	-1.43	17.7	43.2	
7,725.0	1.18	134.63	7,500.0	-439.9	1,449.6	0.10	-0.07	3.07	17.8	43.0	
7,738.0	1.18	135.45	7,513.0	-440.1	1,449.8	0.13	0.00	6.31	18.1	42.8	
7,752.0	1.18	136.49	7,527.0	-440.3	1,450.0	0.15	0.00	7.43	18.6	42.5	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	1.19	137.66	7,541.0	-440.5	1,450.2	0.19	0.07	8.36	19.2	42.1	
7,780.0	1.19	138.86	7,555.0	-440.7	1,450.4	0.18	0.00	8.57	19.8	41.7	
7,793.0	1.18	140.03	7,568.0	-440.9	1,450.5	0.20	-0.08	9.00	20.3	41.3	
7,807.0	1.18	141.08	7,582.0	-441.1	1,450.7	0.15	0.00	7.50	20.8	40.9	
7,821.0	1.17	141.81	7,596.0	-441.4	1,450.9	0.13	-0.07	5.21	21.0	40.6	
7,834.0	1.15	142.35	7,609.0	-441.6	1,451.1	0.18	-0.15	4.15	21.2	40.4	
7,848.0	1.14	142.76	7,623.0	-441.8	1,451.2	0.09	-0.07	2.93	21.2	40.3	
7,861.0	1.12	143.03	7,636.0	-442.0	1,451.4	0.16	-0.15	2.08	21.1	40.2	
7,875.0	1.11	143.15	7,650.0	-442.2	1,451.6	0.07	-0.07	0.86	20.9	40.1	
7,888.0	1.10	143.10	7,663.0	-442.4	1,451.7	0.08	-0.08	-0.38	20.6	40.1	
7,902.0	1.09	142.80	7,677.0	-442.6	1,451.9	0.08	-0.07	-2.14	20.1	40.2	
7,916.0	1.10	142.11	7,690.9	-442.8	1,452.0	0.12	0.07	-4.93	19.4	40.5	
7,929.0	1.11	141.23	7,703.9	-443.0	1,452.2	0.15	0.08	-6.77	18.5	40.8	
7,943.0	1.13	140.30	7,717.9	-443.2	1,452.4	0.19	0.14	-6.64	17.6	41.1	
7,957.0	1.14	139.40	7,731.9	-443.5	1,452.5	0.15	0.07	-6.43	16.7	41.3	
7,971.0	1.16	138.63	7,745.9	-443.7	1,452.7	0.18	0.14	-5.50	15.8	41.5	
7,984.0	1.17	138.08	7,758.9	-443.9	1,452.9	0.12	0.08	-4.23	15.2	41.7	
7,998.0	1.17	137.85	7,772.9	-444.1	1,453.1	0.03	0.00	-1.64	14.7	41.8	
8,012.0	1.16	138.21	7,786.9	-444.3	1,453.3	0.09	-0.07	2.57	14.7	41.7	
8,025.0	1.15	138.95	7,799.9	-444.5	1,453.5	0.14	-0.08	5.69	15.0	41.5	
8,039.0	1.13	139.93	7,813.9	-444.7	1,453.6	0.20	-0.14	7.00	15.4	41.2	
8,053.0	1.11	141.04	7,827.9	-444.9	1,453.8	0.21	-0.14	7.93	15.9	40.9	
8,067.0	1.10	142.16	7,841.9	-445.1	1,454.0	0.17	-0.07	8.00	16.4	40.6	
8,080.0	1.09	143.13	7,854.9	-445.3	1,454.1	0.16	-0.08	7.46	16.9	40.3	
8,094.0	1.08	143.78	7,868.9	-445.5	1,454.3	0.11	-0.07	4.64	17.1	40.1	
8,108.0	1.10	143.88	7,882.9	-445.7	1,454.4	0.14	0.14	0.71	16.9	40.1	
8,121.0	1.12	143.70	7,895.9	-445.9	1,454.6	0.16	0.15	-1.38	16.5	40.1	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	1.14	143.41	7,909.9	-446.2	1,454.8	0.15	0.14	-2.07	16.0	40.2	
8,149.0	1.17	143.13	7,923.9	-446.4	1,454.9	0.22	0.21	-2.00	15.5	40.3	
8,163.0	1.20	142.93	7,937.9	-446.6	1,455.1	0.22	0.21	-1.43	15.1	40.4	
8,176.0	1.22	142.91	7,950.9	-446.8	1,455.3	0.15	0.15	-0.15	14.8	40.4	
8,190.0	1.24	143.18	7,964.9	-447.1	1,455.4	0.15	0.14	1.93	14.7	40.3	
8,204.0	1.24	143.91	7,978.9	-447.3	1,455.6	0.11	0.00	5.21	14.9	40.1	
8,217.0	1.23	144.96	7,991.9	-447.6	1,455.8	0.19	-0.08	8.08	15.4	39.8	
8,231.0	1.22	146.27	8,005.9	-447.8	1,456.0	0.21	-0.07	9.36	16.0	39.5	
8,244.0	1.21	147.79	8,018.9	-448.0	1,456.1	0.26	-0.08	11.69	16.7	39.0	
8,258.0	1.20	149.47	8,032.9	-448.3	1,456.3	0.26	-0.07	12.00	17.6	38.5	
8,271.0	1.18	151.30	8,045.9	-448.5	1,456.4	0.33	-0.15	14.08	18.5	38.0	
8,285.0	1.16	153.28	8,059.9	-448.8	1,456.5	0.32	-0.14	14.14	19.5	37.3	
8,299.0	1.14	155.21	8,073.9	-449.0	1,456.6	0.31	-0.14	13.79	20.5	36.6	
8,312.0	1.11	157.27	8,086.9	-449.3	1,456.7	0.39	-0.23	15.85	21.6	35.9	
8,326.0	1.08	159.46	8,100.9	-449.5	1,456.8	0.37	-0.21	15.64	22.6	35.0	
8,340.0	1.06	161.77	8,114.9	-449.8	1,456.9	0.34	-0.14	16.50	23.8	34.1	
8,354.0	1.04	164.17	8,128.9	-450.0	1,457.0	0.35	-0.14	17.14	24.9	33.1	
8,367.0	1.02	166.63	8,141.9	-450.2	1,457.1	0.37	-0.15	18.92	26.1	32.0	
8,381.0	1.01	169.06	8,155.9	-450.5	1,457.1	0.32	-0.07	17.36	27.2	30.8	
8,395.0	1.04	170.63	8,169.9	-450.7	1,457.2	0.29	0.21	11.21	27.8	30.1	
8,408.0	1.08	171.79	8,182.9	-451.0	1,457.2	0.35	0.31	8.92	28.1	29.5	
8,422.0	1.12	172.87	8,196.8	-451.2	1,457.2	0.32	0.29	7.71	28.4	29.0	
8,435.0	1.15	173.89	8,209.8	-451.5	1,457.3	0.28	0.23	7.85	28.6	28.5	
8,449.0	1.19	174.85	8,223.8	-451.8	1,457.3	0.32	0.29	6.86	28.8	28.0	
8,462.0	1.23	175.74	8,236.8	-452.0	1,457.3	0.34	0.31	6.85	29.0	27.6	
8,476.0	1.27	176.59	8,250.8	-452.3	1,457.3	0.31	0.29	6.07	29.1	27.1	
8,490.0	1.26	180.42	8,264.8	-452.7	1,457.3	0.61	-0.07	27.36	30.5	25.1	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	1.26	184.77	8,277.8	-452.9	1,457.3	0.74	0.00	33.46	32.1	22.7
8,517.0	1.26	189.32	8,291.8	-453.2	1,457.3	0.71	0.00	32.50	33.5	20.1
8,531.0	1.28	193.80	8,305.8	-453.5	1,457.2	0.72	0.14	32.00	34.6	17.5
8,545.0	1.30	197.94	8,319.8	-453.8	1,457.1	0.68	0.14	29.57	35.5	14.9
8,558.0	1.32	201.50	8,332.8	-454.1	1,457.0	0.64	0.15	27.38	36.0	12.7
8,572.0	1.35	204.19	8,346.8	-454.4	1,456.9	0.50	0.21	19.21	36.3	11.0
8,586.0	1.35	205.86	8,360.8	-454.7	1,456.8	0.28	0.00	11.93	36.3	10.0
8,599.0	1.36	206.78	8,373.8	-455.0	1,456.6	0.18	0.08	7.08	36.1	9.4
8,613.0	1.37	207.23	8,387.8	-455.3	1,456.5	0.10	0.07	3.21	35.8	9.1
8,627.0	1.39	207.42	8,401.8	-455.6	1,456.3	0.15	0.14	1.36	35.5	9.0
8,641.0	1.41	207.52	8,415.8	-455.9	1,456.2	0.14	0.14	0.71	35.2	8.9
8,654.0	1.43	207.67	8,428.8	-456.2	1,456.0	0.16	0.15	1.15	34.9	8.8
8,668.0	1.47	208.04	8,442.8	-456.5	1,455.9	0.29	0.29	2.64	34.6	8.6
8,682.0	1.51	208.51	8,456.8	-456.8	1,455.7	0.30	0.29	3.36	34.3	8.3
8,695.0	1.56	209.14	8,469.8	-457.1	1,455.5	0.41	0.38	4.85	34.1	8.0
8,709.0	1.62	209.85	8,483.8	-457.5	1,455.3	0.45	0.43	5.07	33.8	7.5
8,722.0	1.68	210.58	8,496.8	-457.8	1,455.1	0.49	0.46	5.62	33.5	7.1
8,736.0	1.73	211.31	8,510.8	-458.1	1,454.9	0.39	0.36	5.21	33.2	6.7
8,749.0	1.78	212.05	8,523.8	-458.5	1,454.7	0.42	0.38	5.69	32.8	6.3
8,763.0	1.83	212.78	8,537.7	-458.9	1,454.5	0.39	0.36	5.21	32.5	5.8
8,777.0	1.85	213.58	8,551.7	-459.2	1,454.2	0.23	0.14	5.71	32.1	5.4
8,790.0	1.87	214.35	8,564.7	-459.6	1,454.0	0.25	0.15	5.92	31.7	5.0
8,804.0	1.89	215.06	8,578.7	-460.0	1,453.7	0.22	0.14	5.07	31.3	4.6
8,818.0	1.90	215.64	8,592.7	-460.3	1,453.5	0.15	0.07	4.14	30.9	4.2
8,832.0	1.91	216.04	8,606.7	-460.7	1,453.2	0.12	0.07	2.86	30.5	4.0
8,845.0	1.92	216.16	8,619.7	-461.1	1,452.9	0.08	0.08	0.92	30.1	4.0
8,859.0	1.94	215.89	8,633.7	-461.4	1,452.7	0.16	0.14	-1.93	29.6	4.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
8,873.0	1.96	215.02	8,647.7	-461.8	1,452.4	0.26	0.14	-6.21	29.0	4.6
8,886.0	1.98	213.82	8,660.7	-462.2	1,452.1	0.35	0.15	-9.23	28.5	5.2
8,900.0	2.01	212.49	8,674.7	-462.6	1,451.9	0.39	0.21	-9.50	27.9	5.8
8,913.0	2.03	211.15	8,687.7	-463.0	1,451.6	0.39	0.15	-10.31	27.3	6.5
8,927.0	2.06	209.93	8,701.7	-463.4	1,451.4	0.38	0.21	-8.71	26.6	7.0
8,940.0	2.08	208.95	8,714.6	-463.8	1,451.1	0.31	0.15	-7.54	26.0	7.5
8,954.0	2.08	208.39	8,728.6	-464.3	1,450.9	0.15	0.00	-4.00	25.4	7.7
8,968.0	2.08	208.57	8,742.6	-464.7	1,450.7	0.05	0.00	1.29	25.0	7.7
8,981.0	2.06	209.22	8,755.6	-465.1	1,450.4	0.24	-0.15	5.00	24.6	7.4
8,995.0	2.04	210.15	8,769.6	-465.6	1,450.2	0.28	-0.14	6.64	24.2	7.0
9,008.0	2.01	211.23	8,782.6	-466.0	1,450.0	0.37	-0.23	8.31	23.9	6.5
9,022.0	1.97	212.35	8,796.6	-466.4	1,449.7	0.40	-0.29	8.00	23.5	6.1
9,035.0	1.93	213.39	8,809.6	-466.8	1,449.5	0.41	-0.31	8.00	23.2	5.6
9,049.0	1.87	214.20	8,823.6	-467.1	1,449.2	0.47	-0.43	5.79	22.8	5.3
9,063.0	1.78	214.05	8,837.6	-467.5	1,448.9	0.64	-0.64	-1.07	22.3	5.4
9,076.0	1.69	213.44	8,850.6	-467.8	1,448.7	0.71	-0.69	-4.69	21.9	5.6
9,090.0	1.59	212.48	8,864.6	-468.2	1,448.5	0.74	-0.71	-6.86	21.4	6.0
9,103.0	1.49	211.27	8,877.6	-468.5	1,448.3	0.81	-0.77	-9.31	20.9	6.4
9,117.0	1.40	209.92	8,891.5	-468.8	1,448.1	0.69	-0.64	-9.64	20.4	6.9
9,130.0	1.32	208.62	8,904.5	-469.0	1,448.0	0.66	-0.62	-10.00	19.9	7.4
9,144.0	1.25	207.65	8,918.5	-469.3	1,447.8	0.52	-0.50	-6.93	19.5	7.7
9,158.0	1.21	207.95	8,932.5	-469.6	1,447.7	0.29	-0.29	2.14	19.2	7.6
9,171.0	1.19	208.67	8,945.5	-469.8	1,447.6	0.19	-0.15	5.54	19.0	7.4
9,185.0	1.17	209.59	8,959.5	-470.1	1,447.4	0.20	-0.14	6.57	18.9	7.0
9,198.0	1.17	210.53	8,972.5	-470.3	1,447.3	0.15	0.00	7.23	18.7	6.7
9,212.0	1.16	211.30	8,986.5	-470.6	1,447.2	0.13	-0.07	5.50	18.5	6.5
9,225.0	1.15	211.71	8,999.5	-470.8	1,447.0	0.10	-0.08	3.15	18.3	6.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
9,239.0	1.20	214.27	9,013.5	-471.0	1,446.9	0.52	0.36	18.29	18.3	5.5	
9,253.0	1.17	212.97	9,027.5	-471.3	1,446.7	0.29	-0.21	-9.29	17.9	5.9	
9,266.0	1.13	211.00	9,040.5	-471.5	1,446.6	0.43	-0.31	-15.15	17.4	6.6	
9,280.0	1.09	208.51	9,054.5	-471.7	1,446.4	0.45	-0.29	-17.79	16.8	7.3	
9,293.0	1.05	205.65	9,067.5	-471.9	1,446.3	0.51	-0.31	-22.00	16.2	8.1	
9,307.0	1.02	202.56	9,081.5	-472.2	1,446.2	0.45	-0.21	-22.07	15.5	9.0	
9,320.0	0.99	199.42	9,094.5	-472.4	1,446.1	0.48	-0.23	-24.15	14.7	9.8	
9,334.0	0.97	196.49	9,108.5	-472.6	1,446.1	0.39	-0.14	-20.93	14.0	10.5	
9,348.0	0.93	192.18	9,122.5	-472.8	1,446.0	0.58	-0.29	-30.79	12.9	11.5	
9,361.0	0.91	187.57	9,135.5	-473.0	1,446.0	0.59	-0.15	-35.46	11.7	12.5	
9,375.0	0.88	182.71	9,149.5	-473.3	1,445.9	0.58	-0.21	-34.71	10.4	13.5	
9,388.0	0.87	177.64	9,162.5	-473.5	1,445.9	0.60	-0.08	-39.00	9.0	14.3	
9,402.0	0.86	172.44	9,176.5	-473.7	1,446.0	0.57	-0.07	-37.14	7.4	15.1	
9,415.0	0.86	167.19	9,189.5	-473.9	1,446.0	0.61	0.00	-40.38	5.8	15.7	
9,429.0	0.87	161.97	9,203.5	-474.1	1,446.1	0.57	0.07	-37.29	4.2	16.1	
9,443.0	0.79	159.33	9,217.5	-474.2	1,446.1	0.63	-0.57	-18.86	3.2	16.3	
9,456.0	0.72	156.13	9,230.5	-474.4	1,446.2	0.63	-0.54	-24.62	2.1	16.5	
9,470.0	0.64	152.20	9,244.5	-474.6	1,446.3	0.66	-0.57	-28.07	0.8	16.6	
9,483.0	0.58	147.32	9,257.5	-474.7	1,446.3	0.61	-0.46	-37.54	-0.7	16.6	
9,497.0	0.51	141.21	9,271.5	-474.8	1,446.4	0.65	-0.50	-43.64	-2.6	16.4	
9,510.0	0.46	133.51	9,284.5	-474.9	1,446.5	0.63	-0.38	-59.23	-4.9	15.9	
9,524.0	0.41	123.93	9,298.5	-474.9	1,446.6	0.63	-0.36	-68.43	-7.6	14.8	
9,538.0	0.45	122.84	9,312.5	-475.0	1,446.7	0.29	0.29	-7.79	-8.0	14.7	
9,551.0	0.48	121.90	9,325.5	-475.0	1,446.7	0.24	0.23	-7.23	-8.3	14.5	
9,565.0	0.51	121.08	9,339.5	-475.1	1,446.8	0.22	0.21	-5.86	-8.6	14.4	
9,579.0	0.55	120.36	9,353.5	-475.2	1,447.0	0.29	0.29	-5.14	-8.9	14.3	
9,593.0	0.58	119.73	9,367.5	-475.2	1,447.1	0.22	0.21	-4.50	-9.2	14.2	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
9,606.0	0.61	119.17	9,380.5	-475.3	1,447.2	0.24	0.23	-4.31	-9.5	14.1
9,620.0	0.65	118.67	9,394.5	-475.4	1,447.3	0.29	0.29	-3.57	-9.8	14.0
9,634.0	0.71	117.64	9,408.5	-475.5	1,447.5	0.44	0.43	-7.36	-10.2	13.9
9,647.0	0.78	116.79	9,421.5	-475.5	1,447.6	0.55	0.54	-6.54	-10.6	13.7
9,661.0	0.85	116.08	9,435.5	-475.6	1,447.8	0.51	0.50	-5.07	-11.0	13.6
9,675.0	0.92	115.47	9,449.5	-475.7	1,448.0	0.50	0.50	-4.36	-11.3	13.5
9,689.0	0.99	114.95	9,463.5	-475.8	1,448.2	0.50	0.50	-3.71	-11.7	13.3
9,702.0	1.05	114.49	9,476.5	-475.9	1,448.4	0.47	0.46	-3.54	-12.0	13.3
9,716.0	1.12	114.09	9,490.5	-476.0	1,448.7	0.50	0.50	-2.86	-12.4	13.2
9,730.0	1.10	112.68	9,504.5	-476.1	1,448.9	0.24	-0.14	-10.07	-13.0	12.9
9,743.0	1.07	110.98	9,517.5	-476.2	1,449.1	0.34	-0.23	-13.08	-13.6	12.5
9,757.0	1.04	109.10	9,531.5	-476.3	1,449.4	0.33	-0.21	-13.43	-14.2	12.0
9,771.0	1.02	107.12	9,545.5	-476.4	1,449.6	0.29	-0.14	-14.14	-14.9	11.5
9,785.0	1.00	105.11	9,559.5	-476.5	1,449.9	0.29	-0.14	-14.36	-15.5	11.0
9,798.0	0.98	103.21	9,572.5	-476.5	1,450.1	0.30	-0.15	-14.62	-16.1	10.4
9,812.0	0.96	101.57	9,586.5	-476.6	1,450.3	0.24	-0.14	-11.71	-16.6	10.0
9,826.0	1.06	97.22	9,600.5	-476.6	1,450.5	0.90	0.71	-31.07	-17.6	8.7
9,839.0	1.16	93.62	9,613.5	-476.6	1,450.8	0.94	0.77	-27.69	-18.4	7.5
9,853.0	1.27	90.60	9,627.4	-476.6	1,451.1	0.91	0.79	-21.57	-19.0	6.6
9,866.0	1.38	88.06	9,640.4	-476.6	1,451.4	0.96	0.85	-19.54	-19.6	5.7
9,880.0	1.49	85.90	9,654.4	-476.6	1,451.7	0.88	0.79	-15.43	-20.2	5.0
9,893.0	1.60	84.04	9,667.4	-476.6	1,452.1	0.93	0.85	-14.31	-20.7	4.3
9,907.0	1.72	82.42	9,681.4	-476.5	1,452.5	0.92	0.86	-11.57	-21.2	3.7
9,921.0	1.75	81.38	9,695.4	-476.5	1,452.9	0.31	0.21	-7.43	-21.7	3.3
9,934.0	1.79	80.22	9,708.4	-476.4	1,453.3	0.41	0.31	-8.92	-22.1	2.9
9,948.0	1.83	79.13	9,722.4	-476.3	1,453.7	0.38	0.29	-7.79	-22.6	2.4
9,961.0	1.89	78.23	9,735.4	-476.3	1,454.2	0.51	0.46	-6.92	-23.1	2.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
9,975.0	1.96	77.67	9,749.4	-476.2	1,454.6	0.52	0.50	-4.00	-23.6	1.9
9,988.0	2.05	77.61	9,762.4	-476.1	1,455.1	0.69	0.69	-0.46	-24.0	1.8
10,002.0	2.16	78.21	9,776.4	-476.0	1,455.6	0.80	0.79	4.29	-24.5	2.1
10,016.0	2.32	79.55	9,790.4	-475.8	1,456.1	1.20	1.14	9.57	-25.0	2.7
10,029.0	2.50	81.22	9,803.4	-475.8	1,456.6	1.49	1.38	12.85	-25.5	3.4
10,043.0	2.70	82.95	9,817.3	-475.7	1,457.3	1.53	1.43	12.36	-26.0	4.2
10,057.0	2.89	84.63	9,831.3	-475.6	1,458.0	1.48	1.36	12.00	-26.5	5.0
10,071.0	3.08	86.22	9,845.3	-475.5	1,458.7	1.48	1.36	11.36	-27.1	5.7
10,084.0	3.25	87.72	9,858.3	-475.5	1,459.4	1.45	1.31	11.54	-27.7	6.4
10,098.0	3.38	89.17	9,872.3	-475.5	1,460.2	1.10	0.93	10.36	-28.3	7.1
10,112.0	3.41	90.88	9,886.2	-475.5	1,461.0	0.75	0.21	12.21	-28.9	8.0
10,125.0	3.41	92.47	9,899.2	-475.5	1,461.8	0.73	0.00	12.23	-29.5	8.8
10,139.0	3.37	93.97	9,913.2	-475.5	1,462.6	0.69	-0.29	10.71	-30.0	9.6
10,152.0	3.32	95.39	9,926.2	-475.6	1,463.4	0.74	-0.38	10.92	-30.6	10.3
10,166.0	3.25	96.67	9,940.1	-475.7	1,464.2	0.72	-0.50	9.14	-31.1	11.0
10,179.0	3.17	97.77	9,953.1	-475.8	1,464.9	0.78	-0.62	8.46	-31.6	11.6
10,193.0	3.07	98.54	9,967.1	-475.9	1,465.7	0.77	-0.71	5.50	-32.2	12.0
10,207.0	2.95	98.48	9,981.1	-476.0	1,466.4	0.86	-0.86	-0.43	-33.0	12.0
10,220.0	2.83	97.98	9,994.1	-476.1	1,467.0	0.94	-0.92	-3.85	-33.7	11.7
10,234.0	2.70	97.18	10,008.1	-476.2	1,467.7	0.97	-0.93	-5.71	-34.6	11.2
10,248.0	2.57	96.19	10,022.0	-476.3	1,468.3	0.98	-0.93	-7.07	-35.4	10.6
10,262.0	2.45	95.12	10,036.0	-476.3	1,469.0	0.92	-0.86	-7.64	-36.2	10.0
10,275.0	2.33	94.16	10,049.0	-476.4	1,469.5	0.97	-0.92	-7.38	-36.9	9.3
10,289.0	2.21	93.56	10,063.0	-476.4	1,470.1	0.87	-0.86	-4.29	-37.6	9.0
10,303.0	2.12	94.27	10,077.0	-476.4	1,470.6	0.67	-0.64	5.07	-38.0	9.4
10,316.0	2.04	95.54	10,090.0	-476.5	1,471.1	0.71	-0.62	9.77	-38.2	10.3
10,330.0	1.96	97.20	10,104.0	-476.5	1,471.5	0.71	-0.57	11.86	-38.4	11.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
10,343.0	1.90	99.10	10,117.0	-476.6	1,472.0	0.67	-0.46	14.62	-38.5	12.7
10,357.0	1.83	101.12	10,131.0	-476.7	1,472.4	0.69	-0.50	14.43	-38.4	14.0
10,370.0	1.78	103.09	10,144.0	-476.8	1,472.8	0.61	-0.38	15.15	-38.3	15.3
10,384.0	1.72	104.81	10,157.9	-476.9	1,473.2	0.57	-0.43	12.29	-38.3	16.5
10,398.0	1.65	105.43	10,171.9	-477.0	1,473.6	0.52	-0.50	4.43	-38.5	16.9
10,411.0	1.58	105.59	10,184.9	-477.1	1,474.0	0.54	-0.54	1.23	-38.8	17.0
10,425.0	1.51	105.38	10,198.9	-477.2	1,474.3	0.50	-0.50	-1.50	-39.3	16.9
10,438.0	1.45	104.90	10,211.9	-477.3	1,474.7	0.47	-0.46	-3.69	-39.8	16.5
10,452.0	1.39	104.17	10,225.9	-477.3	1,475.0	0.45	-0.43	-5.21	-40.3	16.0
10,465.0	1.35	103.23	10,238.9	-477.4	1,475.3	0.35	-0.31	-7.23	-40.9	15.4
10,479.0	1.33	102.12	10,252.9	-477.5	1,475.6	0.23	-0.14	-7.93	-41.5	14.6
10,493.0	1.32	100.87	10,266.9	-477.6	1,475.9	0.22	-0.07	-8.93	-42.1	13.6
10,506.0	1.34	99.56	10,279.9	-477.6	1,476.2	0.28	0.15	-10.08	-42.7	12.7
10,520.0	1.36	98.36	10,293.9	-477.7	1,476.6	0.25	0.14	-8.57	-43.3	11.8
10,534.0	1.38	97.44	10,307.9	-477.7	1,476.9	0.21	0.14	-6.57	-43.8	11.1
10,548.0	1.40	96.95	10,321.9	-477.7	1,477.2	0.17	0.14	-3.50	-44.3	10.7
10,561.0	1.40	97.08	10,334.9	-477.8	1,477.6	0.02	0.00	1.00	-44.6	10.8
10,575.0	1.38	98.17	10,348.9	-477.8	1,477.9	0.24	-0.14	7.79	-44.7	11.6
10,589.0	1.33	101.17	10,362.9	-477.9	1,478.2	0.62	-0.36	21.43	-44.3	14.0
10,602.0	1.26	105.61	10,375.9	-478.0	1,478.5	0.94	-0.54	34.15	-43.4	17.4
10,616.0	1.20	111.26	10,389.9	-478.0	1,478.8	0.97	-0.43	40.36	-41.8	21.6
10,629.0	1.14	117.84	10,402.9	-478.2	1,479.0	1.13	-0.46	50.62	-39.3	26.2
10,643.0	1.11	124.82	10,416.9	-478.3	1,479.3	1.00	-0.21	49.86	-36.1	30.8
10,656.0	1.09	131.44	10,429.9	-478.5	1,479.5	0.99	-0.15	50.92	-32.6	34.8
10,670.0	0.86	152.81	10,443.9	-478.6	1,479.6	3.05	-1.64	152.64	-17.9	44.3
10,684.0	0.72	188.10	10,457.9	-478.8	1,479.6	3.55	-1.00	252.07	10.9	46.6
10,697.0	0.81	184.99	10,470.9	-479.0	1,479.6	0.76	0.69	-23.92	8.1	47.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
10,711.0	0.89	182.49	10,484.9	-479.2	1,479.6	0.63	0.57	-17.86	5.9	47.4
10,725.0	0.98	180.42	10,498.9	-479.4	1,479.6	0.69	0.64	-14.79	3.9	47.6
10,739.0	1.07	178.70	10,512.9	-479.7	1,479.6	0.68	0.64	-12.29	2.2	47.7
10,752.0	1.16	177.25	10,525.9	-479.9	1,479.6	0.73	0.69	-11.15	0.8	47.7
10,766.0	1.25	176.01	10,539.9	-480.2	1,479.6	0.67	0.64	-8.86	-0.5	47.7
10,780.0	1.35	175.27	10,553.8	-480.5	1,479.7	0.72	0.71	-5.29	-1.5	47.7
10,793.0	1.48	174.40	10,566.8	-480.9	1,479.7	1.01	1.00	-6.69	-2.5	47.7
10,807.0	1.61	173.69	10,580.8	-481.2	1,479.7	0.94	0.93	-5.07	-3.5	47.6
10,820.0	1.75	173.32	10,593.8	-481.6	1,479.8	1.08	1.08	-2.85	-4.2	47.6
10,834.0	1.89	173.40	10,607.8	-482.1	1,479.8	1.00	1.00	0.57	-4.6	47.6
10,847.0	2.01	174.08	10,620.8	-482.5	1,479.9	0.94	0.92	5.23	-4.4	47.7
10,861.0	2.10	175.61	10,634.8	-483.0	1,479.9	0.75	0.64	10.93	-3.7	47.8
10,875.0	2.17	178.13	10,648.8	-483.5	1,479.9	0.84	0.50	18.00	-2.1	47.9
10,888.0	2.24	181.40	10,661.8	-484.0	1,479.9	1.11	0.54	25.15	0.2	48.0
10,902.0	2.29	185.03	10,675.8	-484.6	1,479.9	1.08	0.36	25.93	2.6	47.9
10,915.0	2.34	188.74	10,688.8	-485.1	1,479.8	1.21	0.38	28.54	5.2	47.6
10,929.0	2.38	192.30	10,702.8	-485.7	1,479.7	1.09	0.29	25.43	7.6	47.2
10,942.0	2.40	195.54	10,715.7	-486.2	1,479.6	1.05	0.15	24.92	9.7	46.7
10,956.0	2.40	198.29	10,729.7	-486.7	1,479.4	0.82	0.00	19.64	11.3	46.2
10,970.0	2.32	199.52	10,743.7	-487.3	1,479.3	0.68	-0.57	8.79	11.7	46.0
10,983.0	2.21	199.93	10,756.7	-487.8	1,479.1	0.86	-0.85	3.15	11.6	45.9
10,997.0	2.08	199.73	10,770.7	-488.3	1,478.9	0.93	-0.93	-1.43	10.9	45.9
11,011.0	1.95	199.06	10,784.7	-488.7	1,478.7	0.94	-0.93	-4.79	9.8	46.0
11,025.0	1.83	198.05	10,798.7	-489.2	1,478.6	0.89	-0.86	-7.21	8.6	46.2
11,038.0	1.71	196.82	10,811.7	-489.5	1,478.5	0.97	-0.92	-9.46	7.2	46.4
11,052.0	1.61	195.58	10,825.7	-489.9	1,478.4	0.76	-0.71	-8.86	5.8	46.5
11,066.0	1.53	195.35	10,839.7	-490.3	1,478.3	0.57	-0.57	-1.64	5.2	46.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
11,079.0	1.47	195.32	10,852.7	-490.6	1,478.2	0.46	-0.46	-0.23	4.8	46.5	
11,093.0	1.42	195.46	10,866.7	-491.0	1,478.1	0.36	-0.36	1.00	4.6	46.5	
11,106.0	1.37	195.79	10,879.7	-491.3	1,478.0	0.39	-0.38	2.54	4.5	46.5	
11,120.0	1.34	196.33	10,893.7	-491.6	1,477.9	0.23	-0.21	3.86	4.7	46.5	
11,133.0	1.31	197.14	10,906.6	-491.9	1,477.8	0.27	-0.23	6.23	5.0	46.4	
11,147.0	1.27	198.33	10,920.6	-492.2	1,477.7	0.34	-0.29	8.50	5.7	46.3	
11,161.0	1.25	200.15	10,934.6	-492.5	1,477.6	0.32	-0.14	13.00	6.8	46.1	
11,174.0	1.22	202.37	10,947.6	-492.7	1,477.5	0.43	-0.23	17.08	8.3	45.8	
11,188.0	1.20	204.82	10,961.6	-493.0	1,477.4	0.40	-0.14	17.50	10.0	45.4	
11,201.0	1.20	207.35	10,974.6	-493.3	1,477.3	0.41	0.00	19.46	11.7	44.9	
11,215.0	1.20	209.78	10,988.6	-493.5	1,477.1	0.36	0.00	17.36	13.3	44.4	
11,228.0	1.21	211.91	11,001.6	-493.7	1,477.0	0.35	0.08	16.38	14.7	43.9	
11,242.0	1.25	213.48	11,015.6	-494.0	1,476.8	0.37	0.29	11.21	15.6	43.5	
11,256.0	1.30	214.70	11,029.6	-494.3	1,476.7	0.41	0.36	8.71	16.2	43.1	
11,269.0	1.37	215.56	11,042.6	-494.5	1,476.5	0.56	0.54	6.62	16.5	42.9	
11,283.0	1.46	216.26	11,056.6	-494.8	1,476.3	0.65	0.64	5.00	16.7	42.7	
11,297.0	1.55	216.94	11,070.6	-495.1	1,476.1	0.66	0.64	4.86	16.8	42.5	
11,311.0	1.65	217.72	11,084.6	-495.4	1,475.8	0.73	0.71	5.57	17.0	42.2	
11,324.0	1.76	218.72	11,097.6	-495.7	1,475.6	0.88	0.85	7.69	17.4	41.9	
11,338.0	1.86	220.08	11,111.6	-496.0	1,475.3	0.78	0.71	9.71	17.9	41.5	
11,352.0	1.97	221.86	11,125.6	-496.4	1,475.0	0.89	0.79	12.71	18.7	41.0	
11,365.0	2.08	223.83	11,138.6	-496.7	1,474.7	1.00	0.85	15.15	19.6	40.3	
11,379.0	2.19	225.78	11,152.6	-497.1	1,474.3	0.94	0.79	13.93	20.5	39.6	
11,392.0	2.31	227.57	11,165.6	-497.4	1,473.9	1.07	0.92	13.77	21.2	39.0	
11,406.0	2.43	229.10	11,179.5	-497.8	1,473.5	0.97	0.86	10.93	21.7	38.4	
11,419.0	2.55	230.30	11,192.5	-498.2	1,473.1	1.01	0.92	9.23	21.9	37.9	
11,433.0	2.67	231.08	11,206.5	-498.6	1,472.6	0.89	0.86	5.57	21.8	37.6	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
11,447.0	2.78	231.66	11,220.5	-499.0	1,472.1	0.81	0.79	4.14	21.5	37.4	
11,460.0	2.89	231.89	11,233.5	-499.4	1,471.6	0.85	0.85	1.77	21.0	37.3	
11,474.0	3.00	231.89	11,247.5	-499.9	1,471.0	0.79	0.79	0.00	20.3	37.3	
11,487.0	3.11	231.73	11,260.4	-500.3	1,470.5	0.85	0.85	-1.23	19.5	37.4	
11,501.0	3.22	231.47	11,274.4	-500.8	1,469.8	0.79	0.79	-1.86	18.5	37.5	
11,514.0	3.33	233.33	11,287.4	-501.2	1,469.3	1.18	0.85	14.31	19.0	36.9	
11,528.0	3.47	243.02	11,301.4	-501.7	1,468.6	4.22	1.00	69.21	24.1	33.2	
11,542.0	3.63	247.12	11,315.4	-502.0	1,467.8	2.14	1.14	29.29	25.5	31.5	
11,555.0	3.78	246.12	11,328.3	-502.3	1,467.0	1.26	1.15	-7.69	24.1	31.9	
11,569.0	3.94	245.06	11,342.3	-502.7	1,466.1	1.25	1.14	-7.57	22.6	32.3	
11,582.0	4.10	244.03	11,355.3	-503.1	1,465.3	1.35	1.23	-7.92	21.1	32.7	
11,596.0	4.25	243.05	11,369.2	-503.6	1,464.4	1.19	1.07	-7.00	19.5	33.1	
11,609.0	3.57	247.35	11,382.2	-504.0	1,463.6	5.69	-5.23	33.08	21.1	31.5	
11,623.0	3.34	249.28	11,396.2	-504.3	1,462.8	1.84	-1.64	13.79	21.3	30.8	
11,637.0	3.40	248.04	11,410.1	-504.6	1,462.0	0.67	0.43	-8.86	19.8	31.3	
11,650.0	3.44	246.90	11,423.1	-504.9	1,461.3	0.61	0.31	-8.77	18.4	31.6	
11,664.0	3.46	245.86	11,437.1	-505.2	1,460.6	0.47	0.14	-7.43	17.0	32.0	
11,677.0	3.48	244.95	11,450.1	-505.5	1,459.8	0.45	0.15	-7.00	15.7	32.2	
11,691.0	3.49	244.23	11,464.0	-505.9	1,459.1	0.32	0.07	-5.14	14.4	32.4	
11,704.0	3.51	243.80	11,477.0	-506.2	1,458.4	0.25	0.15	-3.31	13.4	32.5	
11,718.0	3.53	243.79	11,491.0	-506.6	1,457.6	0.14	0.14	-0.07	12.5	32.5	
11,732.0	3.56	244.41	11,505.0	-507.0	1,456.8	0.35	0.21	4.43	12.0	32.4	
11,745.0	3.60	245.39	11,517.9	-507.3	1,456.1	0.56	0.31	7.54	11.7	32.2	
11,759.0	3.65	246.55	11,531.9	-507.7	1,455.3	0.63	0.36	8.29	11.5	31.9	
11,772.0	3.69	247.75	11,544.9	-508.0	1,454.5	0.67	0.31	9.23	11.3	31.7	
11,786.0	3.73	248.90	11,558.9	-508.4	1,453.7	0.60	0.29	8.21	11.1	31.5	
11,799.0	3.73	250.55	11,571.8	-508.7	1,452.9	0.83	0.00	12.69	11.1	31.2	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
11,813.0	3.53	261.06	11,585.8	-508.9	1,452.0	4.95	-1.43	75.07	15.7	28.7	
11,827.0	3.45	268.44	11,599.8	-509.0	1,451.2	3.26	-0.57	52.71	18.4	26.5	
11,840.0	3.38	268.79	11,612.8	-509.0	1,450.4	0.56	-0.54	2.69	17.8	26.4	
11,854.0	3.28	269.04	11,626.7	-509.0	1,449.6	0.72	-0.71	1.79	17.1	26.3	
11,867.0	3.19	269.19	11,639.7	-509.0	1,448.8	0.70	-0.69	1.15	16.5	26.2	
11,881.0	3.09	269.24	11,653.7	-509.0	1,448.1	0.71	-0.71	0.36	15.7	26.2	
11,894.0	2.99	269.17	11,666.7	-509.0	1,447.4	0.77	-0.77	-0.54	15.0	26.2	
11,908.0	2.92	268.96	11,680.7	-509.0	1,446.7	0.51	-0.50	-1.50	14.2	26.3	
11,922.0	2.87	268.52	11,694.6	-509.0	1,446.0	0.39	-0.36	-3.14	13.3	26.4	
11,935.0	2.85	267.99	11,707.6	-509.1	1,445.3	0.26	-0.15	-4.08	12.4	26.5	
11,949.0	2.84	267.46	11,721.6	-509.1	1,444.6	0.20	-0.07	-3.79	11.4	26.6	
11,962.0	2.83	267.03	11,734.6	-509.1	1,444.0	0.18	-0.08	-3.31	10.6	26.7	
11,976.0	2.81	266.80	11,748.6	-509.2	1,443.3	0.16	-0.14	-1.64	9.8	26.8	
11,989.0	2.79	266.93	11,761.6	-509.2	1,442.7	0.16	-0.15	1.00	9.2	26.7	
12,003.0	2.76	267.64	11,775.5	-509.2	1,442.0	0.33	-0.21	5.07	8.9	26.6	
12,017.0	2.71	269.41	11,789.5	-509.2	1,441.3	0.70	-0.36	12.64	9.0	26.3	
12,030.0	2.64	271.83	11,802.5	-509.2	1,440.7	1.02	-0.54	18.62	9.5	26.0	
12,044.0	2.58	274.66	11,816.5	-509.2	1,440.1	1.02	-0.43	20.21	10.2	25.5	
12,058.0	2.52	277.63	11,830.5	-509.1	1,439.4	1.04	-0.43	21.21	10.8	24.9	
12,072.0	2.47	280.48	11,844.5	-509.0	1,438.8	0.96	-0.36	20.36	11.5	24.4	
12,085.0	2.42	283.62	11,857.5	-508.9	1,438.3	1.10	-0.38	24.15	12.2	23.7	
12,099.0	2.47	297.00	11,871.4	-508.7	1,437.7	4.08	0.36	95.57	16.8	20.3	
12,113.0	2.29	305.17	11,885.4	-508.4	1,437.3	2.74	-1.29	58.36	18.9	17.8	
12,126.0	2.23	304.73	11,898.4	-508.1	1,436.8	0.48	-0.46	-3.38	18.3	17.9	
12,140.0	2.17	303.81	11,912.4	-507.8	1,436.4	0.50	-0.43	-6.57	17.5	18.2	
12,153.0	2.12	302.57	11,925.4	-507.6	1,436.0	0.52	-0.38	-9.54	16.6	18.6	
12,167.0	2.08	301.14	11,939.4	-507.3	1,435.5	0.47	-0.29	-10.21	15.6	19.0	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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	2.05	299.65	11,952.4	-507.1	1,435.1	0.47	-0.23	-11.46	14.6	19.4	
12,194.0	2.04	298.27	11,966.4	-506.8	1,434.7	0.36	-0.07	-9.86	13.7	19.7	
12,208.0	2.05	297.15	11,980.4	-506.6	1,434.3	0.29	0.07	-8.00	12.8	20.0	
12,221.0	2.07	296.17	11,993.4	-506.4	1,433.8	0.31	0.15	-7.54	12.0	20.2	
12,235.0	2.11	295.29	12,007.3	-506.1	1,433.4	0.37	0.29	-6.29	11.1	20.3	
12,249.0	2.14	294.50	12,021.3	-505.9	1,432.9	0.30	0.21	-5.64	10.3	20.5	
12,263.0	2.17	293.79	12,035.3	-505.7	1,432.4	0.29	0.21	-5.07	9.6	20.6	
12,276.0	2.20	293.16	12,048.3	-505.5	1,432.0	0.30	0.23	-4.85	8.8	20.7	
12,290.0	2.21	292.61	12,062.3	-505.3	1,431.5	0.17	0.07	-3.93	8.1	20.8	
12,304.0	2.19	292.22	12,076.3	-505.1	1,431.0	0.18	-0.14	-2.79	7.4	20.8	
12,317.0	2.16	291.92	12,089.3	-504.9	1,430.5	0.25	-0.23	-2.31	6.8	20.9	
12,331.0	2.11	291.68	12,103.3	-504.7	1,430.0	0.36	-0.36	-1.71	6.2	20.9	
12,344.0	2.05	291.49	12,116.3	-504.5	1,429.6	0.46	-0.46	-1.46	5.7	20.9	
12,358.0	1.97	291.36	12,130.3	-504.4	1,429.1	0.57	-0.57	-0.93	5.1	20.9	
12,371.0	1.89	291.31	12,143.3	-504.2	1,428.7	0.62	-0.62	-0.38	4.7	20.9	
12,385.0	1.79	291.43	12,157.2	-504.0	1,428.3	0.71	-0.71	0.86	4.3	20.9	
12,399.0	1.66	291.90	12,171.2	-503.9	1,427.9	0.93	-0.93	3.36	4.0	20.9	
12,412.0	1.52	292.61	12,184.2	-503.8	1,427.6	1.09	-1.08	5.46	3.9	20.9	
12,426.0	1.37	293.50	12,198.2	-503.6	1,427.3	1.08	-1.07	6.36	3.9	20.8	
12,440.0	1.23	294.50	12,212.2	-503.5	1,427.0	1.01	-1.00	7.14	3.9	20.7	
12,454.0	1.08	295.48	12,226.2	-503.4	1,426.7	1.08	-1.07	7.00	4.0	20.7	
12,467.0	0.95	296.18	12,239.2	-503.3	1,426.5	1.00	-1.00	5.38	4.0	20.6	
12,481.0	0.83	296.10	12,253.2	-503.2	1,426.3	0.86	-0.86	-0.57	3.8	20.6	
12,496.0	0.75	299.98	12,268.2	-503.1	1,426.1	0.64	-0.53	25.87	5.0	20.3	
12,511.0	0.68	304.72	12,283.2	-503.0	1,426.0	0.61	-0.47	31.60	6.4	19.8	
12,526.0	0.61	310.53	12,298.2	-502.9	1,425.8	0.64	-0.47	38.73	8.2	19.1	
12,540.0	0.55	317.65	12,312.2	-502.8	1,425.7	0.67	-0.43	50.86	10.4	17.9	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
12,555.0	0.51	326.29	12,327.2	-502.7	1,425.7	0.60	-0.27	57.60	12.8	16.2	
12,570.0	0.47	336.44	12,342.2	-502.6	1,425.6	0.64	-0.27	67.67	15.4	13.7	
12,585.0	0.50	322.93	12,357.2	-502.4	1,425.5	0.79	0.20	-90.07	11.6	16.9	
12,600.0	0.56	311.54	12,372.2	-502.3	1,425.4	0.81	0.40	-75.93	7.9	18.8	
12,615.0	0.63	302.49	12,387.2	-502.3	1,425.3	0.78	0.47	-60.33	4.7	19.8	
12,630.0	0.72	295.46	12,402.2	-502.2	1,425.2	0.81	0.60	-46.87	2.1	20.2	
12,645.0	0.81	289.98	12,417.2	-502.1	1,425.0	0.77	0.60	-36.53	-0.1	20.3	
12,660.0	0.91	285.67	12,432.2	-502.0	1,424.8	0.79	0.67	-28.73	-1.8	20.3	
12,675.0	1.01	282.23	12,447.2	-502.0	1,424.5	0.77	0.67	-22.93	-3.3	20.1	
KOP, MD:12675.0', TVD:12447.2', N/S:-502.0', E/W:1424.5', INC:1.01											
12,690.0	2.10	358.35	12,462.2	-501.7	1,424.4	14.00	7.27	507.47	18.4	8.2	
12,704.0	4.42	6.68	12,476.2	-500.9	1,424.4	16.87	16.57	59.50	18.6	5.5	
12,717.0	7.16	12.31	12,489.1	-499.6	1,424.7	21.50	21.08	43.31	17.8	3.7	
12,731.0	10.31	15.98	12,502.9	-497.5	1,425.2	22.84	22.50	26.21	15.8	2.6	
12,744.0	13.55	15.32	12,515.7	-494.9	1,425.9	24.94	24.92	-5.08	13.1	2.8	
12,758.0	16.43	10.92	12,529.2	-491.4	1,426.7	22.11	20.57	-31.43	9.2	3.7	
12,771.0	19.77	8.26	12,541.5	-487.4	1,427.4	26.46	25.69	-20.46	4.9	4.1	
12,785.0	23.18	5.97	12,554.6	-482.3	1,428.0	25.08	24.36	-16.36	-0.2	4.0	
12,799.0	25.85	4.69	12,567.3	-476.6	1,428.6	19.44	19.07	-9.14	-5.8	4.3	
12,812.0	28.99	4.89	12,578.8	-470.6	1,429.1	24.16	24.15	1.54	-11.4	4.6	
12,826.0	32.27	5.70	12,590.9	-463.5	1,429.7	23.61	23.43	5.79	-17.7	5.2	
12,839.0	33.78	5.90	12,601.8	-456.4	1,430.4	11.65	11.62	1.54	-23.8	5.7	
12,853.0	33.68	4.96	12,613.4	-448.7	1,431.2	3.80	-0.71	-6.71	-30.4	5.6	
12,866.0	33.59	3.99	12,624.3	-441.5	1,431.7	4.19	-0.69	-7.46	-36.1	5.5	
12,874.7	33.56	3.44	12,631.5	-436.7	1,432.0	3.49	-0.29	-6.28	-39.8	5.6	
FTP Crossing, MD:12874.7', TVD:12631.5', N/S:-436.7', E/W:1432.0', INC:33.56											
12,880.0	33.55	3.11	12,635.9	-433.8	1,432.2	3.49	-0.27	-6.29	-42.0	5.7	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
12,895.0	33.58	2.43	12,648.4	-425.5	1,432.6	2.51	0.20	-4.53	-47.8	6.1
12,909.0	33.65	1.91	12,660.1	-417.8	1,432.9	2.12	0.50	-3.71	-52.9	6.8
12,924.0	34.12	3.50	12,672.5	-409.4	1,433.3	6.69	3.13	10.60	-57.7	9.8
12,939.0	36.35	6.17	12,684.8	-400.8	1,434.0	18.07	14.87	17.80	-61.9	14.2
12,953.0	39.86	8.13	12,695.8	-392.2	1,435.1	26.52	25.07	14.00	-66.1	18.0
12,968.0	43.21	9.91	12,707.0	-382.4	1,436.7	23.68	22.33	11.87	-70.8	21.8
12,983.0	46.85	11.16	12,717.6	-372.0	1,438.6	24.97	24.27	8.33	-75.9	25.1
12,998.0	50.46	11.04	12,727.5	-360.9	1,440.8	24.07	24.07	-0.80	-82.0	26.7
13,012.0	53.87	11.74	12,736.1	-350.1	1,443.0	24.67	24.36	5.00	-87.6	29.6
13,027.0	56.06	12.74	12,744.7	-338.1	1,445.6	15.59	14.60	6.67	-93.7	32.8
13,042.0	56.22	12.53	12,753.1	-325.9	1,448.3	1.58	1.07	-1.40	-100.5	33.6
13,056.0	56.37	12.31	12,760.9	-314.6	1,450.8	1.69	1.07	-1.57	-106.5	34.5
13,071.0	56.46	12.08	12,769.2	-302.3	1,453.4	1.41	0.60	-1.53	-112.4	35.5
13,085.0	56.43	11.84	12,776.9	-290.9	1,455.9	1.44	-0.21	-1.71	-117.4	36.7
13,098.0	57.86	11.45	12,783.9	-280.2	1,458.1	11.28	11.00	-3.00	-121.8	37.9
13,112.0	57.77	11.19	12,791.4	-268.6	1,460.4	1.70	-0.64	-1.86	-126.2	39.3
13,125.0	57.69	10.93	12,798.3	-257.8	1,462.5	1.80	-0.62	-2.00	-129.8	40.8
13,139.0	59.13	13.03	12,805.7	-246.2	1,465.0	16.40	10.29	15.00	-131.9	46.7
13,152.0	61.19	15.75	12,812.1	-235.2	1,467.8	24.09	15.85	20.92	-133.1	53.1
13,166.0	63.48	18.45	12,818.6	-223.4	1,471.4	23.65	16.36	19.29	-134.5	58.7
13,180.0	64.29	19.08	12,824.8	-211.5	1,475.5	7.06	5.79	4.50	-137.3	60.4
13,193.0	64.53	18.93	12,830.4	-200.4	1,479.3	2.12	1.85	-1.15	-139.9	60.7
13,207.0	64.79	18.79	12,836.4	-188.4	1,483.4	2.07	1.86	-1.00	-142.3	61.2
13,220.0	65.06	18.64	12,841.9	-177.3	1,487.2	2.33	2.08	-1.15	-144.0	61.8
13,234.0	65.41	19.99	12,847.8	-165.3	1,491.4	9.11	2.50	9.64	-144.5	64.3
13,247.0	65.86	22.29	12,853.2	-154.2	1,495.6	16.48	3.46	17.69	-144.1	67.3
13,261.0	66.07	22.13	12,858.9	-142.4	1,500.5	1.83	1.50	-1.14	-144.5	67.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
13,275.0	66.23	21.98	12,864.5	-130.5	1,505.3	1.51	1.14	-1.07	-144.3	67.2	
13,288.0	66.37	21.82	12,869.7	-119.5	1,509.7	1.56	1.08	-1.23	-143.6	67.4	
13,302.0	66.49	21.65	12,875.3	-107.6	1,514.5	1.40	0.86	-1.21	-142.3	67.7	
13,315.0	66.63	21.48	12,880.5	-96.5	1,518.9	1.61	1.08	-1.31	-140.6	68.1	
13,329.0	66.78	21.29	12,886.0	-84.5	1,523.5	1.64	1.07	-1.36	-138.1	68.7	
13,342.0	66.97	21.08	12,891.2	-73.4	1,527.9	2.08	1.46	-1.62	-135.3	69.4	
13,356.0	67.23	20.85	12,896.6	-61.3	1,532.5	2.40	1.86	-1.64	-131.8	70.2	
13,370.0	67.58	20.58	12,902.0	-49.2	1,537.1	3.07	2.50	-1.93	-127.8	71.1	
13,383.0	67.98	20.28	12,906.9	-37.9	1,541.3	3.75	3.08	-2.31	-123.6	72.1	
13,397.0	68.42	19.95	12,912.1	-25.7	1,545.7	3.83	3.14	-2.36	-118.7	73.2	
13,410.0	68.87	19.61	12,916.8	-14.4	1,549.8	4.23	3.46	-2.62	-113.8	74.3	
13,424.0	69.31	19.23	12,921.8	-2.0	1,554.2	4.04	3.14	-2.71	-108.7	74.8	
13,437.0	70.48	19.97	12,926.3	9.5	1,558.3	10.47	9.00	5.69	-104.2	75.1	
13,451.0	73.02	21.89	12,930.7	21.9	1,563.0	22.33	18.14	13.71	-99.9	74.9	
13,465.0	76.15	23.21	12,934.4	34.4	1,568.2	24.13	22.36	9.43	-96.5	73.9	
13,478.0	76.69	22.71	12,937.4	46.0	1,573.1	5.59	4.15	-3.85	-93.5	73.2	
13,492.0	77.05	22.00	12,940.6	58.6	1,578.3	5.57	2.57	-5.07	-90.3	72.4	
13,505.0	77.41	21.29	12,943.5	70.4	1,583.0	6.00	2.77	-5.46	-87.5	71.7	
13,519.0	79.08	21.15	12,946.4	83.2	1,587.9	11.97	11.93	-1.00	-84.8	70.8	
13,532.0	82.22	21.34	12,948.5	95.1	1,592.6	24.20	24.15	1.46	-83.0	69.6	
13,546.0	83.64	20.85	12,950.2	108.1	1,597.6	10.72	10.14	-3.50	-81.3	68.5	
13,560.0	84.00	20.26	12,951.7	121.1	1,602.5	4.92	2.57	-4.21	-79.8	67.5	
13,573.0	84.36	19.68	12,953.0	133.3	1,606.9	5.23	2.77	-4.46	-78.5	66.7	
13,587.0	84.72	19.14	12,954.3	146.4	1,611.5	4.62	2.57	-3.86	-77.1	65.7	
13,600.0	85.05	18.65	12,955.5	158.7	1,615.7	4.53	2.54	-3.77	-75.9	64.9	
13,614.0	85.66	16.96	12,956.6	172.0	1,620.0	12.80	4.36	-12.07	-74.8	64.0	
13,627.0	86.96	14.21	12,957.5	184.4	1,623.5	23.36	10.00	-21.15	-74.0	63.5	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
13,641.0	88.02	13.11	12,958.1	198.0	1,626.8	10.91	7.57	-7.86	-73.3	63.5	
13,655.0	88.18	12.97	12,958.6	211.7	1,629.9	1.52	1.14	-1.00	-72.8	63.4	
13,668.0	88.30	12.90	12,959.0	224.3	1,632.8	1.07	0.92	-0.54	-72.4	63.3	
13,682.0	88.41	12.87	12,959.4	238.0	1,636.0	0.81	0.79	-0.21	-71.9	63.0	
13,696.0	88.51	12.85	12,959.7	251.6	1,639.1	0.73	0.71	-0.14	-71.5	62.6	
13,710.0	88.62	12.83	12,960.1	265.3	1,642.2	0.80	0.79	-0.14	-71.1	62.0	
13,723.0	88.73	12.77	12,960.4	277.9	1,645.1	0.96	0.85	-0.46	-70.7	61.4	
13,737.0	88.86	12.66	12,960.7	291.6	1,648.1	1.22	0.93	-0.79	-70.4	60.6	
13,751.0	89.04	12.45	12,960.9	305.3	1,651.2	1.98	1.29	-1.50	-70.1	59.6	
13,764.0	89.24	12.18	12,961.1	318.0	1,654.0	2.58	1.54	-2.08	-69.8	58.7	
13,778.0	89.45	11.87	12,961.3	331.6	1,656.9	2.67	1.50	-2.21	-69.6	57.6	
13,791.0	89.67	11.54	12,961.4	344.4	1,659.5	3.05	1.69	-2.54	-69.5	56.6	
13,805.0	89.87	11.21	12,961.4	358.1	1,662.3	2.76	1.43	-2.36	-69.4	55.4	
13,818.0	90.07	10.88	12,961.5	370.9	1,664.8	2.97	1.54	-2.54	-69.3	54.3	
13,832.0	90.23	10.57	12,961.4	384.6	1,667.4	2.49	1.14	-2.21	-69.3	53.0	
13,846.0	90.35	10.30	12,961.3	398.4	1,669.9	2.11	0.86	-1.93	-69.3	51.6	
13,859.0	90.45	10.06	12,961.3	411.2	1,672.2	2.00	0.77	-1.85	-69.4	50.3	
13,873.0	90.52	9.83	12,961.1	425.0	1,674.6	1.72	0.50	-1.64	-69.5	48.8	
13,887.0	90.57	9.61	12,961.0	438.8	1,677.0	1.61	0.36	-1.57	-69.5	47.2	
13,901.0	90.62	9.41	12,960.9	452.6	1,679.3	1.47	0.36	-1.43	-69.6	45.5	
13,914.0	90.65	9.21	12,960.7	465.4	1,681.4	1.56	0.23	-1.54	-69.7	43.8	
13,928.0	90.68	9.02	12,960.6	479.2	1,683.6	1.37	0.21	-1.36	-69.8	41.9	
13,942.0	90.69	8.82	12,960.4	493.1	1,685.8	1.43	0.07	-1.43	-69.9	40.0	
13,955.0	90.70	8.64	12,960.2	505.9	1,687.8	1.39	0.08	-1.38	-70.0	38.1	
13,969.0	90.71	8.46	12,960.1	519.7	1,689.8	1.29	0.07	-1.29	-70.2	36.0	
13,982.0	90.73	8.30	12,959.9	532.6	1,691.7	1.24	0.15	-1.23	-70.2	34.0	
13,996.0	90.76	8.16	12,959.7	546.5	1,693.7	1.02	0.21	-1.00	-70.3	31.9	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
14,009.0	90.82	8.04	12,959.5	559.3	1,695.6	1.03	0.46	-0.92	-70.4	30.1
14,023.0	90.92	7.97	12,959.3	573.2	1,697.5	0.87	0.71	-0.50	-70.6	28.0
14,037.0	91.08	7.95	12,959.1	587.1	1,699.5	1.15	1.14	-0.14	-70.8	26.0
14,050.0	91.27	7.98	12,958.8	599.9	1,701.3	1.48	1.46	0.23	-71.0	24.1
14,064.0	91.49	8.04	12,958.5	613.8	1,703.2	1.63	1.57	0.43	-71.2	22.1
14,078.0	91.74	8.11	12,958.1	627.6	1,705.2	1.85	1.79	0.50	-71.5	20.1
14,091.0	91.99	8.21	12,957.7	640.5	1,707.0	2.07	1.92	0.77	-71.9	18.2
14,105.0	92.26	8.31	12,957.1	654.3	1,709.0	2.06	1.93	0.71	-72.3	16.1
14,118.0	92.53	8.43	12,956.6	667.2	1,710.9	2.27	2.08	0.92	-72.8	14.1
14,132.0	91.05	7.15	12,956.2	681.1	1,712.8	13.97	-10.57	-9.14	-73.2	12.2
14,146.0	90.99	7.02	12,955.9	694.9	1,714.5	1.02	-0.43	-0.93	-73.4	10.4
14,159.0	91.32	7.20	12,955.6	707.8	1,716.2	2.89	2.54	1.38	-73.6	8.7
14,173.0	91.62	7.37	12,955.3	721.7	1,717.9	2.46	2.14	1.21	-73.9	6.9
14,187.0	92.35	6.77	12,954.8	735.6	1,719.7	6.75	5.21	-4.29	-74.3	5.1
14,200.0	91.14	4.12	12,954.4	748.5	1,720.9	22.40	-9.31	-20.38	-74.6	3.8
14,214.0	91.16	3.91	12,954.1	762.5	1,721.9	1.51	0.14	-1.50	-74.8	2.8
14,228.0	91.14	3.77	12,953.8	776.5	1,722.8	1.01	-0.14	-1.00	-75.1	1.7
14,241.0	91.05	3.56	12,953.6	789.4	1,723.6	1.76	-0.69	-1.62	-75.3	0.8
14,255.0	90.93	3.32	12,953.3	803.4	1,724.5	1.92	-0.86	-1.71	-75.4	-0.1
14,269.0	90.82	3.07	12,953.1	817.4	1,725.3	1.95	-0.79	-1.79	-75.6	-1.0
14,283.0	89.75	1.57	12,953.1	831.4	1,725.8	13.16	-7.64	-10.71	-75.6	-1.6
14,296.0	87.72	359.35	12,953.4	844.4	1,725.9	23.14	-15.62	-17.08	-75.3	-1.8
14,310.0	87.12	358.68	12,954.0	858.4	1,725.7	6.42	-4.29	-4.79	-74.6	-1.6
14,324.0	87.25	358.55	12,954.7	872.3	1,725.3	1.31	0.93	-0.93	-73.8	-1.4
14,337.0	87.43	358.45	12,955.3	885.3	1,725.0	1.58	1.38	-0.77	-73.2	-1.1
14,351.0	87.64	358.36	12,955.9	899.3	1,724.6	1.63	1.50	-0.64	-72.5	-0.8
14,364.0	87.87	358.29	12,956.4	912.3	1,724.2	1.85	1.77	-0.54	-71.9	-0.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
14,378.0	88.28	358.31	12,956.9	926.3	1,723.8	2.93	2.93	0.14	-71.4	-0.2
14,391.0	89.81	358.93	12,957.1	939.3	1,723.5	12.70	11.77	4.77	-71.1	0.0
14,405.0	90.05	358.91	12,957.1	953.3	1,723.2	1.72	1.71	-0.14	-71.1	0.2
14,419.0	90.29	358.92	12,957.0	967.3	1,723.0	1.72	1.71	0.07	-71.0	0.4
14,432.0	90.52	358.95	12,957.0	980.3	1,722.7	1.78	1.77	0.23	-71.1	0.5
14,446.0	90.75	358.97	12,956.8	994.3	1,722.5	1.65	1.64	0.14	-71.2	0.7
14,459.0	90.97	358.98	12,956.6	1,007.3	1,722.3	1.69	1.69	0.08	-71.3	0.8
14,473.0	91.19	358.97	12,956.3	1,021.3	1,722.0	1.57	1.57	-0.07	-71.5	1.0
14,486.0	91.40	358.92	12,956.0	1,034.2	1,721.8	1.66	1.62	-0.38	-71.8	1.2
14,500.0	91.59	358.81	12,955.7	1,048.2	1,721.5	1.57	1.36	-0.79	-72.1	1.3
14,514.0	91.76	358.58	12,955.3	1,062.2	1,721.2	2.04	1.21	-1.64	-72.4	1.6
14,527.0	91.92	358.29	12,954.9	1,075.2	1,720.8	2.55	1.23	-2.23	-72.8	1.8
14,541.0	92.07	357.96	12,954.4	1,089.2	1,720.4	2.59	1.07	-2.36	-73.2	2.2
14,555.0	92.20	357.63	12,953.8	1,103.2	1,719.8	2.53	0.93	-2.36	-73.7	2.7
14,569.0	90.77	357.35	12,953.5	1,117.2	1,719.2	10.41	-10.21	-2.00	-74.0	3.2
14,582.0	90.87	357.03	12,953.3	1,130.1	1,718.6	2.58	0.77	-2.46	-74.1	3.7
14,596.0	90.95	356.75	12,953.1	1,144.1	1,717.8	2.08	0.57	-2.00	-74.3	4.4
14,610.0	90.99	356.53	12,952.8	1,158.1	1,717.0	1.60	0.29	-1.57	-74.4	5.1
14,623.0	91.00	356.35	12,952.6	1,171.1	1,716.2	1.39	0.08	-1.38	-74.6	5.9
14,637.0	91.02	356.21	12,952.4	1,185.0	1,715.3	1.01	0.14	-1.00	-74.8	6.7
14,651.0	91.04	356.11	12,952.1	1,199.0	1,714.3	0.73	0.14	-0.71	-75.0	7.5
14,665.0	90.59	356.96	12,951.9	1,213.0	1,713.5	6.87	-3.21	6.07	-75.1	8.3
14,678.0	90.07	358.02	12,951.8	1,226.0	1,712.9	9.08	-4.00	8.15	-75.1	8.8
14,692.0	90.20	358.06	12,951.8	1,240.0	1,712.4	0.97	0.93	0.29	-75.1	9.2
14,706.0	90.42	358.19	12,951.7	1,253.9	1,712.0	1.83	1.57	0.93	-75.1	9.5
14,719.0	90.69	358.38	12,951.6	1,266.9	1,711.6	2.54	2.08	1.46	-75.2	9.8
14,733.0	90.99	358.59	12,951.4	1,280.9	1,711.2	2.62	2.14	1.50	-75.4	10.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
14,746.0	91.29	358.82	12,951.1	1,293.9	1,710.9	2.91	2.31	1.77	-75.6	10.3
14,760.0	90.54	359.66	12,950.9	1,307.9	1,710.7	8.04	-5.36	6.00	-75.7	10.4
14,773.0	89.78	0.47	12,950.9	1,320.9	1,710.8	8.54	-5.85	6.23	-75.7	10.3
14,787.0	90.06	0.71	12,950.9	1,334.9	1,710.9	2.63	2.00	1.71	-75.6	10.1
14,801.0	90.30	0.93	12,950.9	1,348.9	1,711.1	2.33	1.71	1.57	-75.6	9.8
14,814.0	90.53	1.15	12,950.8	1,361.9	1,711.3	2.45	1.77	1.69	-75.6	9.5
14,828.0	90.75	1.37	12,950.6	1,375.9	1,711.6	2.22	1.57	1.57	-75.7	9.1
14,841.0	90.95	1.57	12,950.4	1,388.9	1,712.0	2.18	1.54	1.54	-75.9	8.6
14,855.0	91.16	1.77	12,950.2	1,402.9	1,712.4	2.07	1.50	1.43	-76.1	8.1
14,868.0	91.38	1.96	12,949.9	1,415.9	1,712.8	2.24	1.69	1.46	-76.3	7.6
14,882.0	91.60	2.13	12,949.5	1,429.9	1,713.3	1.99	1.57	1.21	-76.6	7.0
14,896.0	91.84	2.28	12,949.1	1,443.9	1,713.8	2.02	1.71	1.07	-77.0	6.4
14,909.0	92.09	2.41	12,948.6	1,456.8	1,714.4	2.17	1.92	1.00	-77.4	5.8
14,923.0	92.34	2.51	12,948.1	1,470.8	1,715.0	1.92	1.79	0.71	-77.9	5.1
14,937.0	92.59	2.61	12,947.5	1,484.8	1,715.6	1.92	1.79	0.71	-78.4	4.4
14,951.0	91.64	2.02	12,947.0	1,498.8	1,716.2	7.99	-6.79	-4.21	-78.9	3.7
14,964.0	90.16	1.25	12,946.8	1,511.8	1,716.5	12.83	-11.38	-5.92	-79.0	3.3
14,978.0	90.39	1.28	12,946.7	1,525.8	1,716.8	1.66	1.64	0.21	-79.0	2.9
14,992.0	90.61	1.27	12,946.6	1,539.8	1,717.2	1.57	1.57	-0.07	-79.1	2.5
15,005.0	90.81	1.25	12,946.4	1,552.8	1,717.4	1.55	1.54	-0.15	-79.2	2.1
15,019.0	91.01	1.22	12,946.2	1,566.7	1,717.7	1.44	1.43	-0.21	-79.3	1.7
15,032.0	91.21	1.19	12,945.9	1,579.7	1,718.0	1.56	1.54	-0.23	-79.5	1.4
15,046.0	90.39	0.51	12,945.8	1,593.7	1,718.2	7.61	-5.86	-4.86	-79.7	1.1
15,059.0	88.81	359.62	12,945.8	1,606.7	1,718.2	13.95	-12.15	-6.85	-79.5	1.0
15,073.0	89.03	359.66	12,946.1	1,620.7	1,718.2	1.60	1.57	0.29	-79.2	1.0
15,087.0	89.25	359.76	12,946.3	1,634.7	1,718.1	1.73	1.57	0.71	-78.9	1.0
15,100.0	89.48	359.89	12,946.5	1,647.7	1,718.0	2.03	1.77	1.00	-78.7	0.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
15,114.0	89.72	0.03	12,946.6	1,661.7	1,718.0	1.98	1.71	1.00	-78.6	0.9
15,127.0	89.97	0.19	12,946.6	1,674.7	1,718.1	2.28	1.92	1.23	-78.5	0.7
15,141.0	90.23	0.35	12,946.6	1,688.7	1,718.1	2.18	1.86	1.14	-78.4	0.6
15,154.0	90.51	0.52	12,946.5	1,701.7	1,718.2	2.52	2.15	1.31	-78.5	0.4
15,168.0	90.81	0.68	12,946.3	1,715.7	1,718.4	2.43	2.14	1.14	-78.6	0.2
15,182.0	91.15	0.83	12,946.1	1,729.7	1,718.6	2.65	2.43	1.07	-78.8	-0.1
15,195.0	91.52	0.98	12,945.8	1,742.7	1,718.8	3.07	2.85	1.15	-79.0	-0.4
15,209.0	91.90	1.12	12,945.4	1,756.7	1,719.0	2.89	2.71	1.00	-79.4	-0.7
15,223.0	92.28	1.24	12,944.9	1,770.7	1,719.3	2.85	2.71	0.86	-79.8	-1.1
15,237.0	90.56	1.02	12,944.5	1,784.7	1,719.6	12.39	-12.29	-1.57	-80.1	-1.5
15,250.0	89.89	0.95	12,944.5	1,797.7	1,719.8	5.18	-5.15	-0.54	-80.1	-1.8
15,264.0	90.32	1.02	12,944.4	1,811.7	1,720.0	3.11	3.07	0.50	-80.1	-2.1
15,278.0	90.79	1.04	12,944.3	1,825.7	1,720.3	3.36	3.36	0.14	-80.1	-2.5
15,291.0	91.28	1.04	12,944.1	1,838.7	1,720.5	3.77	3.77	0.00	-80.3	-2.8
15,305.0	91.75	1.02	12,943.7	1,852.7	1,720.8	3.36	3.36	-0.14	-80.6	-3.1
15,318.0	92.18	0.98	12,943.2	1,865.7	1,721.0	3.32	3.31	-0.31	-81.0	-3.4
15,332.0	90.76	0.51	12,942.9	1,879.7	1,721.2	10.68	-10.14	-3.36	-81.3	-3.7
15,345.0	89.40	359.93	12,942.9	1,892.7	1,721.2	11.37	-10.46	-4.46	-81.3	-3.8
15,359.0	89.68	359.82	12,943.0	1,906.7	1,721.2	2.15	2.00	-0.79	-81.1	-3.9
15,373.0	89.84	359.65	12,943.0	1,920.7	1,721.1	1.67	1.14	-1.21	-81.0	-3.9
15,386.0	89.94	359.46	12,943.1	1,933.7	1,721.0	1.65	0.77	-1.46	-80.9	-3.9
15,400.0	90.00	359.26	12,943.1	1,947.7	1,720.9	1.49	0.43	-1.43	-80.8	-3.8
15,414.0	90.04	359.08	12,943.1	1,961.7	1,720.7	1.32	0.29	-1.29	-80.8	-3.7
15,428.0	88.89	358.78	12,943.2	1,975.7	1,720.4	8.49	-8.21	-2.14	-80.6	-3.5
15,441.0	87.22	358.54	12,943.6	1,988.6	1,720.1	12.98	-12.85	-1.85	-80.1	-3.3
15,455.0	87.24	358.42	12,944.3	2,002.6	1,719.8	0.87	0.14	-0.86	-79.4	-3.0
15,469.0	87.26	358.37	12,945.0	2,016.6	1,719.4	0.38	0.14	-0.36	-78.6	-2.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
15,482.0	87.27	358.34	12,945.6	2,029.6	1,719.0	0.24	0.08	-0.23	-78.0	-2.5
15,496.0	87.29	358.33	12,946.3	2,043.6	1,718.6	0.16	0.14	-0.07	-77.2	-2.1
15,509.0	87.31	358.34	12,946.9	2,056.5	1,718.2	0.17	0.15	0.08	-76.6	-1.8
15,523.0	87.34	358.34	12,947.5	2,070.5	1,717.8	0.21	0.21	0.00	-75.9	-1.5
15,536.0	87.37	358.33	12,948.1	2,083.5	1,717.4	0.24	0.23	-0.08	-75.2	-1.2
15,550.0	87.41	358.30	12,948.8	2,097.5	1,717.0	0.36	0.29	-0.21	-74.5	-0.9
15,564.0	87.48	358.24	12,949.4	2,111.5	1,716.6	0.66	0.50	-0.43	-73.8	-0.6
15,577.0	87.55	358.16	12,950.0	2,124.4	1,716.2	0.82	0.54	-0.62	-73.2	-0.3
15,591.0	87.63	358.07	12,950.5	2,138.4	1,715.7	0.86	0.57	-0.64	-72.6	0.1
15,604.0	87.72	357.98	12,951.1	2,151.4	1,715.3	0.98	0.69	-0.69	-72.0	0.5
15,618.0	87.81	357.89	12,951.6	2,165.4	1,714.8	0.91	0.64	-0.64	-71.4	0.9
15,631.0	87.89	357.82	12,952.1	2,178.4	1,714.3	0.82	0.62	-0.54	-70.8	1.3
15,645.0	87.98	357.77	12,952.6	2,192.3	1,713.7	0.74	0.64	-0.36	-70.3	1.7
15,659.0	88.06	357.76	12,953.1	2,206.3	1,713.2	0.58	0.57	-0.07	-69.7	2.2
15,672.0	88.14	357.77	12,953.5	2,219.3	1,712.7	0.62	0.62	0.08	-69.2	2.6
15,686.0	88.22	357.81	12,954.0	2,233.3	1,712.2	0.64	0.57	0.29	-68.7	3.1
15,699.0	88.30	357.85	12,954.4	2,246.3	1,711.7	0.69	0.62	0.31	-68.3	3.5
15,713.0	88.38	357.90	12,954.8	2,260.3	1,711.1	0.67	0.57	0.36	-67.8	3.9
15,726.0	88.45	357.94	12,955.1	2,273.2	1,710.7	0.62	0.54	0.31	-67.4	4.3
15,740.0	88.51	357.98	12,955.5	2,287.2	1,710.2	0.52	0.43	0.29	-67.0	4.7
15,754.0	88.57	358.00	12,955.9	2,301.2	1,709.7	0.45	0.43	0.14	-66.5	5.1
15,767.0	88.63	358.02	12,956.2	2,314.2	1,709.2	0.49	0.46	0.15	-66.2	5.5
15,781.0	88.70	358.04	12,956.5	2,328.2	1,708.7	0.52	0.50	0.14	-65.8	5.9
15,794.0	88.79	358.06	12,956.8	2,341.2	1,708.3	0.71	0.69	0.15	-65.4	6.2
15,808.0	88.90	358.09	12,957.1	2,355.2	1,707.8	0.81	0.79	0.21	-65.1	6.6
15,821.0	89.06	358.13	12,957.3	2,368.2	1,707.4	1.27	1.23	0.31	-64.8	7.0
15,835.0	89.29	358.21	12,957.5	2,382.2	1,707.0	1.74	1.64	0.57	-64.6	7.3



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
15,849.0	89.63	358.32	12,957.6	2,396.1	1,706.5	2.55	2.43	0.79	-64.4	7.6
15,862.0	90.03	358.46	12,957.7	2,409.1	1,706.2	3.26	3.08	1.08	-64.3	7.9
15,876.0	90.46	358.59	12,957.6	2,423.1	1,705.8	3.21	3.07	0.93	-64.3	8.2
15,889.0	90.89	358.72	12,957.5	2,436.1	1,705.5	3.46	3.31	1.00	-64.4	8.4
15,903.0	91.31	358.81	12,957.2	2,450.1	1,705.2	3.07	3.00	0.64	-64.6	8.6
15,916.0	91.69	358.85	12,956.9	2,463.1	1,704.9	2.94	2.92	0.31	-64.9	8.8
15,930.0	91.98	358.80	12,956.4	2,477.1	1,704.7	2.10	2.07	-0.36	-65.2	9.0
15,944.0	92.13	358.61	12,955.9	2,491.1	1,704.3	1.73	1.07	-1.36	-65.7	9.2
15,957.0	92.21	358.34	12,955.4	2,504.1	1,704.0	2.16	0.62	-2.08	-66.1	9.5
15,971.0	92.24	358.04	12,954.9	2,518.1	1,703.5	2.15	0.21	-2.14	-66.6	9.9
15,984.0	92.27	357.76	12,954.4	2,531.0	1,703.1	2.16	0.23	-2.15	-67.1	10.3
15,998.0	91.26	357.46	12,953.9	2,545.0	1,702.5	7.53	-7.21	-2.14	-67.4	10.7
16,011.0	89.20	357.27	12,953.9	2,558.0	1,701.9	15.91	-15.85	-1.46	-67.4	11.3
16,025.0	89.28	357.20	12,954.1	2,572.0	1,701.2	0.76	0.57	-0.50	-67.2	11.8
16,039.0	89.42	357.29	12,954.2	2,586.0	1,700.5	1.19	1.00	0.64	-67.0	12.4
16,052.0	89.60	357.48	12,954.3	2,599.0	1,699.9	2.01	1.38	1.46	-66.8	12.9
16,066.0	89.79	357.73	12,954.4	2,612.9	1,699.4	2.24	1.36	1.79	-66.7	13.4
16,079.0	90.00	358.01	12,954.4	2,625.9	1,698.9	2.69	1.62	2.15	-66.6	13.8
16,093.0	90.20	358.30	12,954.4	2,639.9	1,698.4	2.52	1.43	2.07	-66.6	14.2
16,106.0	90.39	358.59	12,954.3	2,652.9	1,698.1	2.67	1.46	2.23	-66.6	14.5
16,120.0	90.13	359.05	12,954.3	2,666.9	1,697.8	3.77	-1.86	3.29	-66.6	14.7
16,134.0	89.53	359.58	12,954.3	2,680.9	1,697.6	5.72	-4.29	3.79	-66.5	14.7
16,147.0	89.63	359.77	12,954.4	2,693.9	1,697.5	1.65	0.77	1.46	-66.3	14.7
16,161.0	89.71	359.94	12,954.5	2,707.9	1,697.5	1.34	0.57	1.21	-66.2	14.7
16,175.0	89.78	0.09	12,954.6	2,721.9	1,697.5	1.18	0.50	1.07	-66.1	14.6
16,189.0	89.87	0.21	12,954.6	2,735.9	1,697.6	1.07	0.64	0.86	-66.0	14.4
16,202.0	89.97	0.31	12,954.6	2,748.9	1,697.6	1.09	0.77	0.77	-65.9	14.3



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
16,216.0	89.97	0.41	12,954.6	2,762.9	1,697.7	0.71	0.00	0.71	-65.8	14.1
16,230.0	88.25	1.06	12,954.8	2,776.9	1,697.9	13.13	-12.29	4.64	-65.5	13.9
16,243.0	88.49	0.99	12,955.2	2,789.9	1,698.1	1.92	1.85	-0.54	-65.1	13.5
16,257.0	88.77	0.91	12,955.5	2,803.9	1,698.3	2.08	2.00	-0.57	-64.7	13.2
16,271.0	89.08	0.82	12,955.8	2,817.9	1,698.6	2.31	2.21	-0.64	-64.4	12.9
16,285.0	89.42	0.76	12,956.0	2,831.9	1,698.7	2.47	2.43	-0.43	-64.2	12.6
16,298.0	89.81	0.76	12,956.1	2,844.9	1,698.9	3.00	3.00	0.00	-64.0	12.4
16,312.0	90.25	0.87	12,956.1	2,858.9	1,699.1	3.24	3.14	0.79	-64.0	12.1
16,326.0	90.76	1.17	12,955.9	2,872.9	1,699.4	4.23	3.64	2.14	-64.0	11.7
16,339.0	91.31	1.56	12,955.7	2,885.9	1,699.7	5.19	4.23	3.00	-64.2	11.3
16,353.0	91.86	1.99	12,955.3	2,899.9	1,700.1	4.99	3.93	3.07	-64.5	10.8
16,366.0	92.37	2.40	12,954.8	2,912.9	1,700.6	5.03	3.92	3.15	-65.0	10.2
16,380.0	90.91	2.58	12,954.4	2,926.8	1,701.2	10.51	-10.43	1.29	-65.3	9.5
16,393.0	89.43	2.45	12,954.4	2,939.8	1,701.8	11.43	-11.38	-1.00	-65.3	8.9
16,407.0	89.76	2.66	12,954.5	2,953.8	1,702.4	2.79	2.36	1.50	-65.1	8.2
16,421.0	89.97	2.71	12,954.5	2,967.8	1,703.1	1.54	1.50	0.36	-65.0	7.4
16,434.0	90.10	2.66	12,954.5	2,980.8	1,703.7	1.07	1.00	-0.38	-65.0	6.7
16,448.0	90.17	2.55	12,954.5	2,994.8	1,704.3	0.93	0.50	-0.79	-65.0	6.0
16,462.0	90.23	2.40	12,954.4	3,008.8	1,704.9	1.15	0.43	-1.07	-64.9	5.3
16,476.0	90.28	2.22	12,954.4	3,022.7	1,705.5	1.33	0.36	-1.29	-64.9	4.7
16,489.0	90.34	2.04	12,954.3	3,035.7	1,706.0	1.46	0.46	-1.38	-65.0	4.1
16,503.0	90.43	1.85	12,954.2	3,049.7	1,706.4	1.50	0.64	-1.36	-65.0	3.5
16,517.0	90.58	1.68	12,954.1	3,063.7	1,706.9	1.62	1.07	-1.21	-65.1	3.0
16,530.0	90.78	1.52	12,953.9	3,076.7	1,707.2	1.97	1.54	-1.23	-65.2	2.6
16,544.0	91.00	1.37	12,953.7	3,090.7	1,707.6	1.90	1.57	-1.07	-65.3	2.1
16,557.0	91.24	1.24	12,953.5	3,103.7	1,707.9	2.10	1.85	-1.00	-65.5	1.7
16,571.0	91.50	1.12	12,953.1	3,117.7	1,708.2	2.05	1.86	-0.86	-65.8	1.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
16,584.0	91.77	1.02	12,952.8	3,130.7	1,708.4	2.21	2.08	-0.77	-66.1	1.0
16,598.0	92.05	0.96	12,952.3	3,144.7	1,708.7	2.05	2.00	-0.43	-66.5	0.7
16,612.0	92.35	0.96	12,951.8	3,158.7	1,708.9	2.14	2.14	0.00	-67.0	0.4
16,625.0	92.65	0.99	12,951.2	3,171.6	1,709.1	2.32	2.31	0.23	-67.5	0.1
16,639.0	92.95	1.05	12,950.5	3,185.6	1,709.4	2.19	2.14	0.43	-68.1	-0.3
16,652.0	93.23	1.11	12,949.8	3,198.6	1,709.6	2.20	2.15	0.46	-68.8	-0.6
16,666.0	92.59	1.16	12,949.1	3,212.6	1,709.9	4.59	-4.57	0.36	-69.4	-1.0
16,679.0	90.33	1.22	12,948.8	3,225.6	1,710.2	17.39	-17.38	0.46	-69.7	-1.3
16,693.0	89.83	1.40	12,948.7	3,239.6	1,710.5	3.80	-3.57	1.29	-69.7	-1.7
16,707.0	90.01	1.49	12,948.8	3,253.6	1,710.8	1.44	1.29	0.64	-69.6	-2.2
16,720.0	90.16	1.58	12,948.7	3,266.6	1,711.2	1.35	1.15	0.69	-69.5	-2.6
16,734.0	90.29	1.67	12,948.7	3,280.6	1,711.6	1.13	0.93	0.64	-69.5	-3.1
16,748.0	90.40	1.76	12,948.6	3,294.6	1,712.0	1.02	0.79	0.64	-69.6	-3.6
16,762.0	90.50	1.82	12,948.5	3,308.5	1,712.4	0.83	0.71	0.43	-69.6	-4.1
16,775.0	90.56	1.86	12,948.4	3,321.5	1,712.8	0.55	0.46	0.31	-69.7	-4.6
16,789.0	90.60	1.86	12,948.2	3,335.5	1,713.3	0.29	0.29	0.00	-69.8	-5.2
16,803.0	90.59	1.79	12,948.1	3,349.5	1,713.7	0.51	-0.07	-0.50	-69.8	-5.7
16,816.0	90.56	1.68	12,948.0	3,362.5	1,714.1	0.88	-0.23	-0.85	-69.9	-6.2
16,830.0	90.52	1.55	12,947.8	3,376.5	1,714.5	0.97	-0.29	-0.93	-70.0	-6.7
16,843.0	90.47	1.41	12,947.7	3,389.5	1,714.9	1.14	-0.38	-1.08	-70.1	-7.1
16,857.0	89.55	0.61	12,947.7	3,403.5	1,715.1	8.71	-6.57	-5.71	-70.0	-7.4
16,870.0	88.98	0.06	12,947.9	3,416.5	1,715.2	6.09	-4.38	-4.23	-69.8	-7.6
16,884.0	88.98	359.92	12,948.1	3,430.5	1,715.2	1.00	0.00	-1.00	-69.5	-7.7
16,898.0	89.00	359.81	12,948.4	3,444.5	1,715.2	0.80	0.14	-0.79	-69.2	-7.7
16,911.0	89.05	359.70	12,948.6	3,457.5	1,715.1	0.93	0.38	-0.85	-68.9	-7.7
16,925.0	89.12	359.59	12,948.8	3,471.5	1,715.0	0.93	0.50	-0.79	-68.6	-7.7
16,938.0	89.20	359.49	12,949.0	3,484.5	1,714.9	0.99	0.62	-0.77	-68.4	-7.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
16,952.0	89.29	359.37	12,949.2	3,498.5	1,714.8	1.07	0.64	-0.86	-68.1	-7.7
16,965.0	89.39	359.23	12,949.3	3,511.5	1,714.6	1.32	0.77	-1.08	-67.9	-7.6
16,979.0	89.50	359.07	12,949.5	3,525.5	1,714.4	1.39	0.79	-1.14	-67.7	-7.5
16,993.0	89.62	358.87	12,949.6	3,539.5	1,714.2	1.67	0.86	-1.43	-67.5	-7.3
17,006.0	89.76	358.64	12,949.7	3,552.5	1,713.9	2.07	1.08	-1.77	-67.4	-7.1
17,020.0	89.90	358.40	12,949.7	3,566.5	1,713.5	1.98	1.00	-1.71	-67.3	-6.8
17,033.0	90.05	358.16	12,949.7	3,579.5	1,713.1	2.18	1.15	-1.85	-67.3	-6.5
17,047.0	90.20	357.93	12,949.7	3,593.5	1,712.6	1.96	1.07	-1.64	-67.2	-6.1
17,060.0	90.34	357.73	12,949.6	3,606.5	1,712.1	1.88	1.08	-1.54	-67.2	-5.7
17,074.0	90.48	357.57	12,949.5	3,620.4	1,711.6	1.52	1.00	-1.14	-67.3	-5.2
17,088.0	90.62	357.49	12,949.4	3,634.4	1,711.0	1.15	1.00	-0.57	-67.3	-4.7
17,101.0	90.75	357.44	12,949.2	3,647.4	1,710.4	1.07	1.00	-0.38	-67.4	-4.2
17,115.0	90.89	357.43	12,949.0	3,661.4	1,709.8	1.00	1.00	-0.07	-67.6	-3.7
17,128.0	91.02	357.43	12,948.8	3,674.4	1,709.2	1.00	1.00	0.00	-67.7	-3.2
17,142.0	91.16	357.45	12,948.5	3,688.4	1,708.6	1.01	1.00	0.14	-68.0	-2.7
17,155.0	89.85	357.51	12,948.4	3,701.4	1,708.0	10.09	-10.08	0.46	-68.0	-2.2
17,169.0	89.64	357.55	12,948.5	3,715.3	1,707.4	1.53	-1.50	0.29	-67.9	-1.7
17,183.0	89.83	357.59	12,948.6	3,729.3	1,706.8	1.39	1.36	0.29	-67.8	-1.2
17,196.0	90.04	357.64	12,948.6	3,742.3	1,706.3	1.66	1.62	0.38	-67.7	-0.7
17,210.0	90.24	357.68	12,948.5	3,756.3	1,705.7	1.46	1.43	0.29	-67.7	-0.2
17,224.0	90.45	357.72	12,948.5	3,770.3	1,705.1	1.53	1.50	0.29	-67.7	0.3
17,238.0	90.64	357.75	12,948.3	3,784.3	1,704.6	1.37	1.36	0.21	-67.8	0.7
17,251.0	90.81	357.76	12,948.2	3,797.3	1,704.1	1.31	1.31	0.08	-67.9	1.1
17,265.0	90.95	357.74	12,947.9	3,811.3	1,703.5	1.01	1.00	-0.14	-68.0	1.6
17,279.0	91.04	357.66	12,947.7	3,825.2	1,702.9	0.86	0.64	-0.57	-68.2	2.1
17,292.0	91.09	357.56	12,947.5	3,838.2	1,702.4	0.86	0.38	-0.77	-68.4	2.5
17,306.0	91.12	357.44	12,947.2	3,852.2	1,701.8	0.88	0.21	-0.86	-68.6	3.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
17,319.0	91.14	357.32	12,946.9	3,865.2	1,701.2	0.94	0.15	-0.92	-68.8	3.6
17,333.0	91.15	357.21	12,946.6	3,879.2	1,700.5	0.79	0.07	-0.79	-69.0	4.1
17,346.0	91.17	357.11	12,946.4	3,892.2	1,699.9	0.78	0.15	-0.77	-69.2	4.7
17,360.0	91.21	357.05	12,946.1	3,906.1	1,699.2	0.52	0.29	-0.43	-69.5	5.3
17,374.0	91.27	357.04	12,945.8	3,920.1	1,698.5	0.43	0.43	-0.07	-69.7	6.0
17,387.0	91.35	357.06	12,945.5	3,933.1	1,697.8	0.63	0.62	0.15	-70.0	6.5
17,401.0	91.43	357.11	12,945.2	3,947.1	1,697.1	0.67	0.57	0.36	-70.2	7.2
17,414.0	91.51	357.16	12,944.8	3,960.1	1,696.4	0.73	0.62	0.38	-70.5	7.7
17,428.0	91.57	357.20	12,944.4	3,974.0	1,695.7	0.52	0.43	0.29	-70.8	8.3
17,441.0	91.59	357.23	12,944.1	3,987.0	1,695.1	0.28	0.15	0.23	-71.1	8.9
17,455.0	91.58	357.22	12,943.7	4,001.0	1,694.4	0.10	-0.07	-0.07	-71.5	9.5
17,469.0	91.48	357.16	12,943.3	4,015.0	1,693.7	0.83	-0.71	-0.43	-71.8	10.1
17,482.0	91.34	357.07	12,943.0	4,027.9	1,693.1	1.28	-1.08	-0.69	-72.0	10.6
17,496.0	91.19	356.98	12,942.7	4,041.9	1,692.4	1.25	-1.07	-0.64	-72.3	11.3
17,509.0	91.05	356.90	12,942.4	4,054.9	1,691.7	1.24	-1.08	-0.62	-72.5	11.9
17,523.0	90.95	356.87	12,942.2	4,068.9	1,690.9	0.75	-0.71	-0.21	-72.7	12.5
17,536.0	89.63	357.69	12,942.1	4,081.9	1,690.3	11.95	-10.15	6.31	-72.7	13.1
17,550.0	88.50	358.14	12,942.4	4,095.9	1,689.8	8.69	-8.07	3.21	-72.4	13.5
17,564.0	88.64	358.38	12,942.7	4,109.8	1,689.4	1.98	1.00	1.71	-72.0	13.8
17,577.0	88.83	358.69	12,943.0	4,122.8	1,689.0	2.80	1.46	2.38	-71.6	14.1
17,591.0	89.05	359.04	12,943.3	4,136.8	1,688.7	2.95	1.57	2.50	-71.3	14.3
17,605.0	89.29	359.39	12,943.5	4,150.8	1,688.5	3.03	1.71	2.50	-71.1	14.4
17,619.0	89.52	359.73	12,943.6	4,164.8	1,688.4	2.93	1.64	2.43	-70.9	14.4
17,632.0	89.72	0.02	12,943.7	4,177.8	1,688.4	2.71	1.54	2.23	-70.7	14.3
17,646.0	89.87	0.22	12,943.7	4,191.8	1,688.4	1.79	1.07	1.43	-70.6	14.2
17,660.0	89.93	0.28	12,943.8	4,205.8	1,688.5	0.61	0.43	0.43	-70.5	14.1
17,673.0	89.93	0.24	12,943.8	4,218.8	1,688.6	0.31	0.00	-0.31	-70.5	13.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
17,687.0	89.91	0.15	12,943.8	4,232.8	1,688.6	0.66	-0.14	-0.64	-70.4	13.8
17,700.0	89.87	0.03	12,943.8	4,245.8	1,688.6	0.97	-0.31	-0.92	-70.3	13.7
17,714.0	89.85	359.90	12,943.9	4,259.8	1,688.6	0.94	-0.14	-0.93	-70.2	13.6
17,727.0	89.85	359.77	12,943.9	4,272.8	1,688.6	1.00	0.00	-1.00	-70.1	13.5
17,741.0	89.54	359.80	12,944.0	4,286.8	1,688.5	2.22	-2.21	0.21	-70.0	13.5
17,755.0	88.15	0.28	12,944.2	4,300.8	1,688.5	10.50	-9.93	3.43	-69.6	13.4
17,768.0	88.36	0.25	12,944.6	4,313.8	1,688.6	1.63	1.62	-0.23	-69.2	13.3
17,782.0	88.61	0.22	12,945.0	4,327.8	1,688.7	1.80	1.79	-0.21	-68.8	13.1
17,795.0	88.89	0.21	12,945.3	4,340.8	1,688.7	2.16	2.15	-0.08	-68.4	13.0
17,809.0	89.16	0.20	12,945.5	4,354.8	1,688.8	1.93	1.93	-0.07	-68.1	12.8
17,822.0	89.41	0.19	12,945.7	4,367.8	1,688.8	1.92	1.92	-0.08	-67.9	12.7
17,836.0	89.61	0.17	12,945.8	4,381.8	1,688.8	1.44	1.43	-0.14	-67.7	12.6
17,850.0	89.72	0.15	12,945.9	4,395.8	1,688.9	0.80	0.79	-0.14	-67.6	12.5
17,863.0	89.77	0.11	12,946.0	4,408.8	1,688.9	0.49	0.38	-0.31	-67.5	12.3
17,877.0	89.80	0.07	12,946.0	4,422.8	1,688.9	0.36	0.21	-0.29	-67.4	12.2
17,891.0	89.81	0.04	12,946.1	4,436.8	1,689.0	0.23	0.07	-0.21	-67.2	12.1
17,905.0	89.82	0.01	12,946.1	4,450.8	1,689.0	0.23	0.07	-0.21	-67.1	12.0
17,918.0	89.84	0.00	12,946.1	4,463.8	1,689.0	0.17	0.15	-0.08	-67.0	12.0
17,932.0	89.24	359.76	12,946.3	4,477.8	1,688.9	4.62	-4.29	-1.71	-66.9	11.9
17,946.0	87.75	359.20	12,946.6	4,491.8	1,688.8	11.37	-10.64	-4.00	-66.4	11.9
17,959.0	87.88	359.26	12,947.1	4,504.8	1,688.6	1.10	1.00	0.46	-65.9	12.0
17,973.0	88.04	359.33	12,947.6	4,518.8	1,688.5	1.25	1.14	0.50	-65.3	12.1
17,986.0	88.22	359.42	12,948.0	4,531.8	1,688.3	1.55	1.38	0.69	-64.9	12.2
18,000.0	88.40	359.52	12,948.5	4,545.8	1,688.2	1.47	1.29	0.71	-64.4	12.2
18,013.0	88.60	359.63	12,948.8	4,558.8	1,688.1	1.76	1.54	0.85	-64.0	12.2
18,027.0	88.81	359.76	12,949.1	4,572.8	1,688.0	1.76	1.50	0.93	-63.6	12.2
18,041.0	89.03	359.90	12,949.4	4,586.8	1,688.0	1.86	1.57	1.00	-63.3	12.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
18,054.0	89.25	0.05	12,949.6	4,599.7	1,688.0	2.05	1.69	1.15	-63.0	12.1
18,068.0	89.48	0.22	12,949.7	4,613.7	1,688.0	2.04	1.64	1.21	-62.8	11.9
18,081.0	89.73	0.41	12,949.8	4,626.7	1,688.1	2.42	1.92	1.46	-62.7	11.8
18,095.0	89.99	0.61	12,949.8	4,640.7	1,688.2	2.34	1.86	1.43	-62.6	11.6
18,108.0	90.28	0.84	12,949.8	4,653.7	1,688.4	2.85	2.23	1.77	-62.6	11.3
18,122.0	90.61	1.11	12,949.7	4,667.7	1,688.6	3.05	2.36	1.93	-62.6	11.0
18,136.0	90.99	1.44	12,949.5	4,681.7	1,688.9	3.59	2.71	2.36	-62.7	10.6
18,149.0	91.41	1.80	12,949.2	4,694.7	1,689.3	4.25	3.23	2.77	-63.0	10.1
18,163.0	91.83	2.17	12,948.8	4,708.7	1,689.8	4.00	3.00	2.64	-63.3	9.6
18,177.0	92.23	2.51	12,948.3	4,722.7	1,690.3	3.75	2.86	2.43	-63.7	8.9
18,191.0	91.75	2.73	12,947.9	4,736.7	1,691.0	3.77	-3.43	1.57	-64.2	8.2
18,204.0	89.72	2.62	12,947.7	4,749.7	1,691.6	15.64	-15.62	-0.85	-64.3	7.5
18,218.0	89.84	2.80	12,947.7	4,763.6	1,692.2	1.55	0.86	1.29	-64.2	6.7
18,232.0	90.06	2.95	12,947.8	4,777.6	1,692.9	1.90	1.57	1.07	-64.1	5.9
18,245.0	90.26	3.05	12,947.7	4,790.6	1,693.6	1.72	1.54	0.77	-64.1	5.2
18,259.0	90.42	3.11	12,947.6	4,804.6	1,694.4	1.22	1.14	0.43	-64.1	4.3
18,272.0	90.56	3.15	12,947.5	4,817.6	1,695.1	1.12	1.08	0.31	-64.2	3.5
18,286.0	90.69	3.16	12,947.4	4,831.5	1,695.9	0.93	0.93	0.07	-64.2	2.7
18,299.0	90.81	3.14	12,947.2	4,844.5	1,696.6	0.94	0.92	-0.15	-64.4	1.9
18,313.0	90.92	3.10	12,947.0	4,858.5	1,697.3	0.84	0.79	-0.29	-64.5	1.0
18,327.0	89.64	1.96	12,946.9	4,872.5	1,697.9	12.24	-9.14	-8.14	-64.5	0.3
18,340.0	89.36	1.56	12,947.0	4,885.5	1,698.3	3.76	-2.15	-3.08	-64.3	-0.2
18,354.0	89.44	1.40	12,947.2	4,899.5	1,698.7	1.28	0.57	-1.14	-64.1	-0.6
18,367.0	89.51	1.22	12,947.3	4,912.5	1,699.0	1.49	0.54	-1.38	-64.0	-1.0
18,381.0	89.57	1.02	12,947.4	4,926.5	1,699.3	1.49	0.43	-1.43	-63.8	-1.3
18,394.0	89.61	0.81	12,947.5	4,939.5	1,699.5	1.64	0.31	-1.62	-63.6	-1.6
18,408.0	89.63	0.59	12,947.6	4,953.5	1,699.7	1.58	0.14	-1.57	-63.5	-1.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)	
18,422.0	89.61	0.36	12,947.7	4,967.5	1,699.8	1.65	-0.14	-1.64	-63.3	-2.1	
18,435.0	89.58	0.13	12,947.8	4,980.5	1,699.8	1.78	-0.23	-1.77	-63.2	-2.2	
18,449.0	89.54	359.90	12,947.9	4,994.5	1,699.8	1.67	-0.29	-1.64	-63.0	-2.3	
18,463.0	89.50	359.68	12,948.0	5,008.5	1,699.8	1.60	-0.29	-1.57	-62.9	-2.4	
18,477.0	89.47	359.48	12,948.1	5,022.5	1,699.7	1.44	-0.21	-1.43	-62.7	-2.4	
18,490.0	89.48	359.30	12,948.3	5,035.5	1,699.5	1.39	0.08	-1.38	-62.5	-2.3	
18,504.0	89.53	359.18	12,948.4	5,049.5	1,699.4	0.93	0.36	-0.86	-62.3	-2.2	
18,518.0	89.66	359.14	12,948.5	5,063.5	1,699.2	0.97	0.93	-0.29	-62.2	-2.1	
18,531.0	89.84	359.14	12,948.5	5,076.5	1,699.0	1.38	1.38	0.00	-62.0	-2.0	
18,545.0	90.03	359.15	12,948.6	5,090.5	1,698.7	1.36	1.36	0.07	-62.0	-1.9	
18,558.0	90.22	359.17	12,948.5	5,103.5	1,698.6	1.47	1.46	0.15	-61.9	-1.7	
18,572.0	90.39	359.16	12,948.5	5,117.4	1,698.4	1.22	1.21	-0.07	-62.0	-1.6	
18,585.0	90.52	359.10	12,948.3	5,130.4	1,698.2	1.10	1.00	-0.46	-62.0	-1.5	
18,599.0	90.57	358.96	12,948.2	5,144.4	1,697.9	1.06	0.36	-1.00	-62.1	-1.4	
18,613.0	90.49	358.67	12,948.1	5,158.4	1,697.6	2.15	-0.57	-2.07	-62.1	-1.2	
18,626.0	90.34	358.31	12,948.0	5,171.4	1,697.3	3.00	-1.15	-2.77	-62.2	-0.9	
18,640.0	90.14	357.90	12,947.9	5,185.4	1,696.8	3.26	-1.43	-2.93	-62.2	-0.5	
18,654.0	89.91	357.47	12,947.9	5,199.4	1,696.3	3.48	-1.64	-3.07	-62.1	-0.1	
18,668.0	89.69	357.04	12,948.0	5,213.4	1,695.6	3.45	-1.57	-3.07	-62.0	0.5	
18,681.0	89.49	356.64	12,948.1	5,226.4	1,694.9	3.44	-1.54	-3.08	-61.9	1.2	
18,695.0	89.34	356.29	12,948.2	5,240.4	1,694.0	2.72	-1.07	-2.50	-61.7	1.9	
18,709.0	89.26	356.03	12,948.4	5,254.3	1,693.1	1.94	-0.57	-1.86	-61.4	2.8	
18,722.0	89.24	355.84	12,948.6	5,267.3	1,692.1	1.47	-0.15	-1.46	-61.2	3.6	
18,736.0	89.26	355.68	12,948.7	5,281.2	1,691.1	1.15	0.14	-1.14	-61.0	4.6	
18,749.0	89.30	355.54	12,948.9	5,294.2	1,690.1	1.12	0.31	-1.08	-60.8	5.5	
18,763.0	89.36	355.42	12,949.1	5,308.2	1,689.0	0.96	0.43	-0.86	-60.5	6.5	
18,776.0	89.44	355.29	12,949.2	5,321.1	1,688.0	1.17	0.62	-1.00	-60.3	7.4	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
18,790.0	89.54	355.16	12,949.3	5,335.1	1,686.8	1.17	0.71	-0.93	-60.2	8.5
18,804.0	89.66	354.99	12,949.4	5,349.0	1,685.6	1.49	0.86	-1.21	-60.0	9.6
18,817.0	89.79	354.82	12,949.5	5,362.0	1,684.4	1.65	1.00	-1.31	-59.9	10.7
18,831.0	89.94	354.66	12,949.5	5,375.9	1,683.2	1.57	1.07	-1.14	-59.8	11.9
18,844.0	90.09	354.55	12,949.5	5,388.9	1,681.9	1.43	1.15	-0.85	-59.7	13.0
18,858.0	90.33	355.35	12,949.5	5,402.8	1,680.7	5.97	1.71	5.71	-59.7	14.2
18,871.0	90.58	357.03	12,949.4	5,415.8	1,679.8	13.06	1.92	12.92	-59.8	15.0
18,885.0	90.78	357.96	12,949.2	5,429.8	1,679.2	6.79	1.43	6.64	-59.9	15.5
18,899.0	91.05	358.21	12,949.0	5,443.7	1,678.8	2.63	1.93	1.79	-60.0	15.9
18,912.0	91.35	358.54	12,948.7	5,456.7	1,678.4	3.43	2.31	2.54	-60.3	16.2
18,926.0	91.66	358.90	12,948.3	5,470.7	1,678.1	3.39	2.21	2.57	-60.6	16.4
18,940.0	91.97	359.26	12,947.9	5,484.7	1,677.9	3.39	2.21	2.57	-61.0	16.5
18,954.0	92.24	359.58	12,947.4	5,498.7	1,677.7	2.99	1.93	2.29	-61.4	16.6
18,967.0	91.17	1.18	12,947.0	5,511.7	1,677.8	14.80	-8.23	12.31	-61.7	16.4
18,981.0	90.64	2.57	12,946.8	5,525.7	1,678.3	10.62	-3.79	9.93	-61.9	15.8
18,995.0	90.78	2.67	12,946.6	5,539.7	1,678.9	1.23	1.00	0.71	-62.0	15.1
19,008.0	90.90	2.73	12,946.4	5,552.7	1,679.5	1.03	0.92	0.46	-62.2	14.4
19,022.0	91.00	2.76	12,946.2	5,566.6	1,680.2	0.75	0.71	0.21	-62.3	13.6
19,035.0	91.10	2.78	12,945.9	5,579.6	1,680.8	0.78	0.77	0.15	-62.5	12.9
19,049.0	91.20	2.78	12,945.6	5,593.6	1,681.5	0.71	0.71	0.00	-62.7	12.1
19,062.0	91.32	2.78	12,945.4	5,606.6	1,682.1	0.92	0.92	0.00	-63.0	11.4
19,076.0	91.45	2.79	12,945.0	5,620.6	1,682.8	0.93	0.93	0.07	-63.2	10.7
19,090.0	91.63	2.80	12,944.6	5,634.5	1,683.5	1.29	1.29	0.07	-63.6	9.9
19,103.0	91.82	2.81	12,944.3	5,647.5	1,684.1	1.46	1.46	0.08	-63.9	9.2
19,117.0	92.02	2.83	12,943.8	5,661.5	1,684.8	1.44	1.43	0.14	-64.3	8.4
19,131.0	92.20	2.84	12,943.3	5,675.5	1,685.5	1.29	1.29	0.07	-64.8	7.6
19,145.0	92.29	2.74	12,942.7	5,689.4	1,686.2	0.96	0.64	-0.71	-65.2	6.8



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
19,158.0	91.48	1.41	12,942.3	5,702.4	1,686.6	11.97	-6.23	-10.23	-65.6	6.3
19,172.0	90.55	0.18	12,942.0	5,716.4	1,686.8	11.01	-6.64	-8.79	-65.8	6.0
19,187.0	90.52	0.12	12,941.9	5,731.4	1,686.9	0.45	-0.20	-0.40	-65.9	5.9
19,201.0	90.46	0.05	12,941.8	5,745.4	1,686.9	0.66	-0.43	-0.50	-65.9	5.8
19,216.0	90.37	359.97	12,941.7	5,760.4	1,686.9	0.80	-0.60	-0.53	-66.0	5.7
19,230.0	90.28	359.89	12,941.6	5,774.4	1,686.9	0.86	-0.64	-0.57	-66.0	5.6
19,245.0	89.59	359.56	12,941.6	5,789.4	1,686.8	5.10	-4.60	-2.20	-65.9	5.6
19,260.0	88.35	359.88	12,941.9	5,804.4	1,686.7	8.54	-8.27	2.13	-65.6	5.6
19,274.0	88.24	359.79	12,942.3	5,818.4	1,686.7	1.02	-0.79	-0.64	-65.1	5.5
19,289.0	88.12	359.70	12,942.8	5,833.4	1,686.6	1.00	-0.80	-0.60	-64.6	5.5
19,304.0	87.99	359.61	12,943.3	5,848.4	1,686.5	1.05	-0.87	-0.60	-64.0	5.5
19,318.0	87.86	359.52	12,943.8	5,862.4	1,686.4	1.13	-0.93	-0.64	-63.4	5.5
19,333.0	87.75	359.43	12,944.4	5,877.4	1,686.3	0.95	-0.73	-0.60	-62.8	5.5
19,347.0	87.65	359.36	12,944.9	5,891.4	1,686.2	0.87	-0.71	-0.50	-62.2	5.6
19,362.0	87.59	359.29	12,945.6	5,906.3	1,686.0	0.61	-0.40	-0.47	-61.5	5.7
19,376.0	87.58	359.25	12,946.1	5,920.3	1,685.8	0.29	-0.07	-0.29	-60.8	5.8
19,389.0	87.61	359.22	12,946.7	5,933.3	1,685.6	0.33	0.23	-0.23	-60.2	5.9
19,403.0	87.66	359.21	12,947.3	5,947.3	1,685.4	0.36	0.36	-0.07	-59.6	6.0
19,417.0	87.74	359.21	12,947.8	5,961.3	1,685.2	0.57	0.57	0.00	-59.0	6.1
19,431.0	87.84	359.23	12,948.4	5,975.3	1,685.0	0.73	0.71	0.14	-58.4	6.2
19,444.0	87.98	359.27	12,948.8	5,988.3	1,684.9	1.12	1.08	0.31	-57.8	6.3
19,458.0	88.15	359.35	12,949.3	6,002.3	1,684.7	1.34	1.21	0.57	-57.3	6.3
19,472.0	88.38	359.48	12,949.7	6,016.3	1,684.6	1.89	1.64	0.93	-56.8	6.4
19,485.0	88.65	359.65	12,950.1	6,029.3	1,684.5	2.45	2.08	1.31	-56.4	6.4
19,499.0	88.94	359.84	12,950.4	6,043.3	1,684.4	2.48	2.07	1.36	-56.1	6.4
19,512.0	89.25	0.04	12,950.6	6,056.2	1,684.4	2.84	2.38	1.54	-55.8	6.3
19,526.0	89.56	0.26	12,950.7	6,070.2	1,684.4	2.72	2.21	1.57	-55.6	6.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
19,539.0	89.88	0.48	12,950.8	6,083.2	1,684.5	2.99	2.46	1.69	-55.5	6.0
19,553.0	90.21	0.71	12,950.8	6,097.2	1,684.7	2.87	2.36	1.64	-55.5	5.8
19,567.0	90.52	0.96	12,950.7	6,111.2	1,684.9	2.84	2.21	1.79	-55.5	5.5
19,580.0	90.83	1.20	12,950.5	6,124.2	1,685.1	3.02	2.38	1.85	-55.6	5.1
19,594.0	91.13	1.43	12,950.3	6,138.2	1,685.4	2.70	2.14	1.64	-55.8	4.7
19,608.0	91.42	1.65	12,950.0	6,152.2	1,685.8	2.60	2.07	1.57	-56.0	4.3
19,622.0	90.78	2.04	12,949.7	6,166.2	1,686.3	5.35	-4.57	2.79	-56.2	3.7
19,635.0	90.25	2.38	12,949.6	6,179.2	1,686.8	4.84	-4.08	2.62	-56.3	3.1
19,649.0	90.51	2.50	12,949.5	6,193.2	1,687.4	2.05	1.86	0.86	-56.3	2.4
19,663.0	90.74	2.55	12,949.3	6,207.2	1,688.0	1.68	1.64	0.36	-56.4	1.7
19,676.0	90.96	2.56	12,949.2	6,220.2	1,688.6	1.69	1.69	0.08	-56.5	1.1
19,690.0	91.18	2.55	12,948.9	6,234.1	1,689.2	1.57	1.57	-0.07	-56.7	0.4
19,703.0	91.38	2.54	12,948.6	6,247.1	1,689.8	1.54	1.54	-0.08	-57.0	-0.3
19,717.0	91.59	2.53	12,948.2	6,261.1	1,690.4	1.50	1.50	-0.07	-57.3	-1.0
19,730.0	91.79	2.55	12,947.9	6,274.1	1,690.9	1.55	1.54	0.15	-57.6	-1.7
19,744.0	91.45	2.28	12,947.5	6,288.1	1,691.5	3.10	-2.43	-1.93	-58.0	-2.3
19,758.0	89.69	1.24	12,947.3	6,302.1	1,692.0	14.60	-12.57	-7.43	-58.0	-2.9
19,771.0	89.28	1.17	12,947.4	6,315.1	1,692.2	3.20	-3.15	-0.54	-57.9	-3.2
19,785.0	89.49	1.43	12,947.6	6,329.1	1,692.6	2.39	1.50	1.86	-57.6	-3.6
19,799.0	89.71	1.71	12,947.7	6,343.1	1,692.9	2.54	1.57	2.00	-57.5	-4.1
19,813.0	89.93	2.01	12,947.7	6,357.0	1,693.4	2.66	1.57	2.14	-57.4	-4.6
19,826.0	90.16	2.31	12,947.7	6,370.0	1,693.9	2.91	1.77	2.31	-57.3	-5.2
19,840.0	89.85	1.70	12,947.7	6,384.0	1,694.4	4.89	-2.21	-4.36	-57.3	-5.8
19,854.0	88.89	359.86	12,947.9	6,398.0	1,694.6	14.82	-6.86	-13.14	-57.1	-6.1
19,867.0	89.16	0.13	12,948.1	6,411.0	1,694.6	2.94	2.08	2.08	-56.8	-6.1
19,881.0	89.44	0.39	12,948.3	6,425.0	1,694.6	2.73	2.00	1.86	-56.6	-6.3
19,895.0	89.72	0.65	12,948.4	6,439.0	1,694.8	2.73	2.00	1.86	-56.4	-6.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
19,909.0	90.00	0.90	12,948.4	6,453.0	1,694.9	2.68	2.00	1.79	-56.3	-6.8
19,922.0	90.27	1.12	12,948.4	6,466.0	1,695.2	2.68	2.08	1.69	-56.3	-7.1
19,936.0	90.52	1.30	12,948.3	6,480.0	1,695.5	2.20	1.79	1.29	-56.3	-7.5
19,950.0	90.72	1.42	12,948.1	6,494.0	1,695.8	1.67	1.43	0.86	-56.4	-7.9
19,963.0	90.89	1.50	12,947.9	6,507.0	1,696.1	1.45	1.31	0.62	-56.5	-8.3
19,977.0	91.05	1.56	12,947.7	6,521.0	1,696.5	1.22	1.14	0.43	-56.7	-8.8
19,990.0	91.19	1.60	12,947.5	6,534.0	1,696.9	1.12	1.08	0.31	-56.9	-9.2
20,004.0	91.23	1.58	12,947.2	6,548.0	1,697.3	0.32	0.29	-0.14	-57.2	-9.7
20,017.0	90.27	0.96	12,947.0	6,561.0	1,697.5	8.79	-7.38	-4.77	-57.3	-10.1
20,031.0	88.92	0.15	12,947.1	6,575.0	1,697.7	11.25	-9.64	-5.79	-57.1	-10.3
20,045.0	88.98	0.16	12,947.3	6,589.0	1,697.7	0.43	0.43	0.07	-56.8	-10.4
20,058.0	89.03	0.16	12,947.6	6,602.0	1,697.8	0.38	0.38	0.00	-56.5	-10.6
20,072.0	89.07	0.16	12,947.8	6,616.0	1,697.8	0.29	0.29	0.00	-56.2	-10.7
20,086.0	89.12	0.15	12,948.0	6,630.0	1,697.8	0.36	0.36	-0.07	-55.9	-10.8
20,100.0	89.18	0.15	12,948.2	6,644.0	1,697.9	0.43	0.43	0.00	-55.7	-10.9
20,113.0	89.27	0.16	12,948.4	6,657.0	1,697.9	0.70	0.69	0.08	-55.4	-11.1
20,127.0	89.39	0.19	12,948.6	6,671.0	1,697.9	0.88	0.86	0.21	-55.2	-11.2
20,140.0	89.58	0.26	12,948.7	6,684.0	1,698.0	1.56	1.46	0.54	-55.0	-11.3
20,154.0	89.81	0.34	12,948.8	6,698.0	1,698.1	1.74	1.64	0.57	-54.9	-11.5
20,167.0	90.06	0.42	12,948.8	6,711.0	1,698.2	2.02	1.92	0.62	-54.8	-11.7
20,181.0	90.31	0.47	12,948.7	6,725.0	1,698.3	1.82	1.79	0.36	-54.8	-11.9
20,194.0	90.56	0.50	12,948.6	6,738.0	1,698.4	1.94	1.92	0.23	-54.9	-12.1
20,208.0	90.80	0.46	12,948.5	6,752.0	1,698.5	1.74	1.71	-0.29	-55.0	-12.3
20,221.0	91.00	0.34	12,948.3	6,765.0	1,698.6	1.79	1.54	-0.92	-55.1	-12.4
20,235.0	91.14	0.06	12,948.0	6,779.0	1,698.6	2.24	1.00	-2.00	-55.3	-12.6
20,248.0	91.25	359.71	12,947.7	6,792.0	1,698.6	2.82	0.85	-2.69	-55.5	-12.6
20,262.0	91.35	359.33	12,947.4	6,806.0	1,698.5	2.81	0.71	-2.71	-55.8	-12.6



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
20,275.0	91.44	358.97	12,947.1	6,818.9	1,698.3	2.85	0.69	-2.77	-56.1	-12.5
20,289.0	91.06	358.02	12,946.8	6,832.9	1,697.9	7.31	-2.71	-6.79	-56.3	-12.2
20,302.0	89.69	356.96	12,946.7	6,845.9	1,697.4	13.32	-10.54	-8.15	-56.3	-11.7
20,316.0	88.47	356.55	12,946.9	6,859.9	1,696.6	9.19	-8.71	-2.93	-56.1	-11.0
20,330.0	88.58	356.47	12,947.3	6,873.9	1,695.7	0.97	0.79	-0.57	-55.6	-10.2
20,343.0	88.70	356.42	12,947.6	6,886.8	1,694.9	1.00	0.92	-0.38	-55.3	-9.5
20,357.0	88.81	356.40	12,947.9	6,900.8	1,694.0	0.80	0.79	-0.14	-54.9	-8.7
20,370.0	88.94	356.40	12,948.2	6,913.8	1,693.2	1.00	1.00	0.00	-54.6	-8.0
20,384.0	89.07	356.41	12,948.4	6,927.8	1,692.3	0.93	0.93	0.07	-54.3	-7.2
20,397.0	89.21	356.42	12,948.6	6,940.7	1,691.5	1.08	1.08	0.08	-54.0	-6.5
20,411.0	89.37	356.43	12,948.8	6,954.7	1,690.6	1.15	1.14	0.07	-53.8	-5.7
20,425.0	89.55	356.43	12,948.9	6,968.7	1,689.8	1.29	1.29	0.00	-53.6	-4.9
20,438.0	89.75	356.42	12,949.0	6,981.6	1,689.0	1.54	1.54	-0.08	-53.5	-4.2
20,452.0	89.97	356.41	12,949.0	6,995.6	1,688.1	1.57	1.57	-0.07	-53.4	-3.4
20,465.0	90.19	356.41	12,949.0	7,008.6	1,687.3	1.69	1.69	0.00	-53.4	-2.7
20,479.0	90.43	356.43	12,948.9	7,022.6	1,686.4	1.72	1.71	0.14	-53.4	-1.9
20,492.0	90.69	356.48	12,948.8	7,035.5	1,685.6	2.04	2.00	0.38	-53.4	-1.2
20,506.0	90.97	356.57	12,948.6	7,049.5	1,684.8	2.10	2.00	0.64	-53.6	-0.4
20,520.0	91.29	356.72	12,948.3	7,063.5	1,683.9	2.52	2.29	1.07	-53.8	0.3
20,533.0	91.62	356.91	12,948.0	7,076.5	1,683.2	2.93	2.54	1.46	-54.1	0.9
20,547.0	91.95	357.13	12,947.5	7,090.4	1,682.5	2.83	2.36	1.57	-54.4	1.6
20,560.0	92.28	357.37	12,947.1	7,103.4	1,681.9	3.14	2.54	1.85	-54.9	2.1
20,574.0	91.87	357.83	12,946.6	7,117.4	1,681.3	4.40	-2.93	3.29	-55.3	2.6
20,587.0	90.43	358.56	12,946.3	7,130.4	1,680.9	12.42	-11.08	5.62	-55.5	2.9
20,601.0	90.68	358.84	12,946.2	7,144.4	1,680.5	2.68	1.79	2.00	-55.6	3.2
20,614.0	90.89	359.16	12,946.0	7,157.4	1,680.3	2.94	1.62	2.46	-55.7	3.3
20,628.0	91.07	359.50	12,945.7	7,171.4	1,680.2	2.75	1.29	2.43	-55.9	3.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
20,641.0	91.24	359.84	12,945.5	7,184.4	1,680.1	2.92	1.31	2.62	-56.1	3.4
20,655.0	91.40	0.17	12,945.2	7,198.4	1,680.1	2.62	1.14	2.36	-56.4	3.3
20,668.0	92.03	0.12	12,944.8	7,211.4	1,680.1	4.86	4.85	-0.38	-56.7	3.2
20,682.0	91.59	0.23	12,944.3	7,225.3	1,680.2	3.24	-3.14	0.79	-57.1	3.0
20,695.0	89.84	0.97	12,944.2	7,238.3	1,680.3	14.62	-13.46	5.69	-57.2	2.8
20,709.0	89.73	1.29	12,944.2	7,252.3	1,680.6	2.42	-0.79	2.29	-57.1	2.4
20,722.0	89.93	1.50	12,944.3	7,265.3	1,680.9	2.23	1.54	1.62	-57.0	2.0
20,736.0	90.14	1.70	12,944.3	7,279.3	1,681.3	2.07	1.50	1.43	-56.9	1.6
20,749.0	90.35	1.89	12,944.2	7,292.3	1,681.7	2.18	1.62	1.46	-56.9	1.1
20,763.0	90.56	2.04	12,944.1	7,306.3	1,682.2	1.84	1.50	1.07	-57.0	0.5
20,776.0	89.48	1.80	12,944.1	7,319.3	1,682.6	8.51	-8.31	-1.85	-56.9	0.0
20,790.0	88.01	1.43	12,944.4	7,333.3	1,683.0	10.83	-10.50	-2.64	-56.6	-0.5
20,804.0	88.23	1.43	12,944.8	7,347.3	1,683.3	1.57	1.57	0.00	-56.1	-0.9
20,817.0	88.44	1.38	12,945.2	7,360.3	1,683.7	1.66	1.62	-0.38	-55.6	-1.3
20,831.0	88.66	1.32	12,945.6	7,374.3	1,684.0	1.63	1.57	-0.43	-55.2	-1.8
20,844.0	88.88	1.25	12,945.9	7,387.3	1,684.3	1.78	1.69	-0.54	-54.9	-2.1
20,858.0	89.10	1.19	12,946.1	7,401.3	1,684.6	1.63	1.57	-0.43	-54.6	-2.5
20,871.0	89.32	1.14	12,946.3	7,414.3	1,684.8	1.74	1.69	-0.38	-54.3	-2.9
20,885.0	89.54	1.13	12,946.4	7,428.3	1,685.1	1.57	1.57	-0.07	-54.1	-3.2
20,898.0	89.76	1.19	12,946.5	7,441.2	1,685.4	1.75	1.69	0.46	-54.0	-3.6
20,912.0	89.98	1.28	12,946.5	7,455.2	1,685.7	1.70	1.57	0.64	-53.9	-4.0
20,925.0	90.21	1.40	12,946.5	7,468.2	1,686.0	2.00	1.77	0.92	-53.9	-4.4
20,939.0	90.43	1.55	12,946.4	7,482.2	1,686.4	1.90	1.57	1.07	-53.9	-4.8
20,952.0	89.94	1.44	12,946.4	7,495.2	1,686.7	3.86	-3.77	-0.85	-53.9	-5.2
20,966.0	88.07	0.78	12,946.6	7,509.2	1,687.0	14.16	-13.36	-4.71	-53.6	-5.6
20,979.0	88.32	1.00	12,947.0	7,522.2	1,687.2	2.56	1.92	1.69	-53.1	-5.9
20,993.0	88.59	1.27	12,947.4	7,536.2	1,687.4	2.73	1.93	1.93	-52.7	-6.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
21,006.0	88.88	1.57	12,947.7	7,549.2	1,687.8	3.21	2.23	2.31	-52.3	-6.7
21,020.0	89.17	1.88	12,947.9	7,563.2	1,688.2	3.03	2.07	2.21	-52.0	-7.2
21,033.0	89.45	2.19	12,948.1	7,576.2	1,688.6	3.21	2.15	2.38	-51.8	-7.7
21,047.0	89.74	2.47	12,948.2	7,590.2	1,689.2	2.88	2.07	2.00	-51.7	-8.4
21,060.0	90.00	2.70	12,948.2	7,603.2	1,689.8	2.67	2.00	1.77	-51.6	-9.0
21,074.0	90.24	2.87	12,948.2	7,617.1	1,690.5	2.10	1.71	1.21	-51.5	-9.8
21,088.0	90.45	2.92	12,948.1	7,631.1	1,691.2	1.54	1.50	0.36	-51.6	-10.6
21,101.0	90.63	2.91	12,948.0	7,644.1	1,691.9	1.39	1.38	-0.08	-51.6	-11.3
21,115.0	90.80	2.85	12,947.8	7,658.1	1,692.6	1.29	1.21	-0.43	-51.8	-12.1
21,128.0	90.97	2.79	12,947.6	7,671.1	1,693.2	1.39	1.31	-0.46	-51.9	-12.9
21,142.0	90.63	2.39	12,947.4	7,685.1	1,693.8	3.75	-2.43	-2.86	-52.0	-13.6
21,155.0	89.48	1.26	12,947.4	7,698.1	1,694.2	12.40	-8.85	-8.69	-52.0	-14.1
21,169.0	89.11	0.27	12,947.6	7,712.0	1,694.4	7.55	-2.64	-7.07	-51.8	-14.4
21,182.0	89.31	0.27	12,947.8	7,725.0	1,694.5	1.54	1.54	0.00	-51.5	-14.5
21,196.0	89.53	0.29	12,947.9	7,739.0	1,694.6	1.58	1.57	0.14	-51.3	-14.7
21,209.0	89.74	0.30	12,948.0	7,752.0	1,694.6	1.62	1.62	0.08	-51.2	-14.8
21,223.0	89.95	0.32	12,948.0	7,766.0	1,694.7	1.51	1.50	0.14	-51.1	-15.0
21,236.0	90.14	0.33	12,948.0	7,779.0	1,694.8	1.46	1.46	0.08	-51.0	-15.1
21,250.0	89.96	0.41	12,948.0	7,793.0	1,694.9	1.41	-1.29	0.57	-51.0	-15.3
21,263.0	89.10	0.60	12,948.1	7,806.0	1,695.0	6.77	-6.62	1.46	-50.8	-15.5
21,278.0	89.19	0.57	12,948.3	7,821.0	1,695.1	0.63	0.60	-0.20	-50.5	-15.8
21,292.0	89.27	0.54	12,948.5	7,835.0	1,695.3	0.61	0.57	-0.21	-50.3	-16.0
21,307.0	89.33	0.50	12,948.7	7,850.0	1,695.4	0.48	0.40	-0.27	-50.1	-16.2
21,321.0	89.38	0.45	12,948.9	7,864.0	1,695.5	0.51	0.36	-0.36	-49.8	-16.4
21,336.0	89.44	0.41	12,949.0	7,879.0	1,695.6	0.48	0.40	-0.27	-49.6	-16.6
21,350.0	89.51	0.37	12,949.1	7,893.0	1,695.7	0.58	0.50	-0.29	-49.4	-16.8
21,365.0	89.60	0.33	12,949.3	7,908.0	1,695.8	0.66	0.60	-0.27	-49.2	-17.0



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
21,379.0	89.74	0.31	12,949.3	7,922.0	1,695.9	1.01	1.00	-0.14	-49.1	-17.2
21,392.0	89.32	0.03	12,949.4	7,935.0	1,695.9	3.88	-3.23	-2.15	-48.9	-17.3
21,406.0	89.43	359.99	12,949.6	7,949.0	1,695.9	0.84	0.79	-0.29	-48.7	-17.4
21,419.0	89.62	359.97	12,949.7	7,962.0	1,695.9	1.47	1.46	-0.15	-48.6	-17.5
21,433.0	89.80	359.96	12,949.8	7,976.0	1,695.9	1.29	1.29	-0.07	-48.4	-17.5
21,446.0	89.98	359.95	12,949.8	7,989.0	1,695.9	1.39	1.38	-0.08	-48.4	-17.6
21,460.0	90.13	359.92	12,949.8	8,003.0	1,695.9	1.09	1.07	-0.21	-48.3	-17.7
21,474.0	90.25	359.89	12,949.7	8,017.0	1,695.9	0.88	0.86	-0.21	-48.3	-17.8
21,487.0	90.35	359.85	12,949.7	8,030.0	1,695.8	0.83	0.77	-0.31	-48.3	-17.8
21,501.0	90.43	359.81	12,949.6	8,044.0	1,695.8	0.64	0.57	-0.29	-48.3	-17.9
21,514.0	90.50	359.77	12,949.5	8,057.0	1,695.8	0.62	0.54	-0.31	-48.4	-17.9
21,528.0	90.57	359.74	12,949.3	8,071.0	1,695.7	0.54	0.50	-0.21	-48.5	-17.9
21,541.0	90.63	359.72	12,949.2	8,084.0	1,695.6	0.49	0.46	-0.15	-48.6	-18.0
21,555.0	90.71	359.73	12,949.0	8,098.0	1,695.6	0.58	0.57	0.07	-48.7	-18.0
21,569.0	90.80	359.77	12,948.9	8,112.0	1,695.5	0.70	0.64	0.29	-48.8	-18.0
21,582.0	90.89	359.83	12,948.7	8,125.0	1,695.5	0.83	0.69	0.46	-48.9	-18.0
21,596.0	90.99	359.89	12,948.4	8,139.0	1,695.4	0.83	0.71	0.43	-49.1	-18.1
21,609.0	91.08	359.95	12,948.2	8,152.0	1,695.4	0.83	0.69	0.46	-49.3	-18.2
21,623.0	91.17	0.00	12,947.9	8,166.0	1,695.4	0.74	0.64	0.36	-49.5	-18.2
21,636.0	91.24	0.02	12,947.7	8,179.0	1,695.4	0.56	0.54	0.15	-49.7	-18.3
21,650.0	91.29	359.99	12,947.3	8,193.0	1,695.4	0.42	0.36	-0.21	-49.9	-18.4
21,664.0	91.32	359.89	12,947.0	8,207.0	1,695.4	0.75	0.21	-0.71	-50.2	-18.5
21,677.0	91.32	359.74	12,946.7	8,220.0	1,695.4	1.15	0.00	-1.15	-50.5	-18.5
21,691.0	91.31	359.56	12,946.4	8,234.0	1,695.3	1.29	-0.07	-1.29	-50.7	-18.5
21,704.0	91.29	359.37	12,946.1	8,247.0	1,695.1	1.47	-0.15	-1.46	-51.0	-18.5
21,718.0	91.28	359.18	12,945.8	8,261.0	1,695.0	1.36	-0.07	-1.36	-51.2	-18.4
21,731.0	90.69	358.61	12,945.6	8,274.0	1,694.7	6.31	-4.54	-4.38	-51.4	-18.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
21,745.0	90.59	358.37	12,945.4	8,288.0	1,694.3	1.86	-0.71	-1.71	-51.5	-18.0
21,759.0	90.58	358.18	12,945.3	8,302.0	1,693.9	1.36	-0.07	-1.36	-51.6	-17.6
21,772.0	90.57	358.01	12,945.1	8,315.0	1,693.5	1.31	-0.08	-1.31	-51.6	-17.3
21,786.0	90.56	357.83	12,945.0	8,329.0	1,693.0	1.29	-0.07	-1.29	-51.7	-16.9
21,799.0	90.56	357.67	12,944.9	8,341.9	1,692.5	1.23	0.00	-1.23	-51.8	-16.4
21,813.0	90.56	357.50	12,944.7	8,355.9	1,691.9	1.21	0.00	-1.21	-51.9	-15.9
21,826.0	90.56	357.35	12,944.6	8,368.9	1,691.3	1.15	0.00	-1.15	-51.9	-15.4
21,840.0	90.57	357.22	12,944.5	8,382.9	1,690.6	0.93	0.07	-0.93	-52.0	-14.8
21,853.0	90.60	357.11	12,944.3	8,395.9	1,690.0	0.88	0.23	-0.85	-52.1	-14.3
21,867.0	90.64	357.01	12,944.2	8,409.9	1,689.3	0.77	0.29	-0.71	-52.2	-13.7
21,880.0	90.68	356.93	12,944.0	8,422.8	1,688.6	0.69	0.31	-0.62	-52.3	-13.1
21,894.0	90.73	356.85	12,943.9	8,436.8	1,687.8	0.67	0.36	-0.57	-52.4	-12.4
21,907.0	90.79	356.78	12,943.7	8,449.8	1,687.1	0.71	0.46	-0.54	-52.5	-11.7
21,921.0	90.85	356.71	12,943.5	8,463.8	1,686.3	0.66	0.43	-0.50	-52.6	-11.0
21,934.0	90.93	356.65	12,943.3	8,476.8	1,685.6	0.77	0.62	-0.46	-52.8	-10.4
21,948.0	91.03	356.59	12,943.1	8,490.7	1,684.7	0.83	0.71	-0.43	-53.0	-9.6
21,961.0	91.14	356.53	12,942.8	8,503.7	1,684.0	0.96	0.85	-0.46	-53.2	-8.9
21,975.0	91.24	356.46	12,942.5	8,517.7	1,683.1	0.87	0.71	-0.50	-53.4	-8.2
21,988.0	91.33	356.39	12,942.2	8,530.6	1,682.3	0.88	0.69	-0.54	-53.6	-7.4
22,002.0	91.40	356.29	12,941.9	8,544.6	1,681.4	0.87	0.50	-0.71	-53.9	-6.6
22,015.0	91.44	356.18	12,941.6	8,557.6	1,680.5	0.90	0.31	-0.85	-54.2	-5.9
22,029.0	91.41	356.02	12,941.2	8,571.5	1,679.6	1.16	-0.21	-1.14	-54.5	-5.0
22,043.0	91.28	355.80	12,940.9	8,585.5	1,678.6	1.82	-0.93	-1.57	-54.7	-4.1
22,056.0	91.11	355.55	12,940.6	8,598.5	1,677.6	2.33	-1.31	-1.92	-54.9	-3.2
22,070.0	90.93	355.28	12,940.4	8,612.4	1,676.5	2.32	-1.29	-1.93	-55.1	-2.2
22,083.0	90.76	355.04	12,940.2	8,625.4	1,675.4	2.26	-1.31	-1.85	-55.3	-1.2
22,097.0	90.61	354.93	12,940.0	8,639.3	1,674.2	1.33	-1.07	-0.79	-55.4	0.0



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
22,110.0	90.27	355.52	12,939.9	8,652.3	1,673.1	5.24	-2.62	4.54	-55.4	1.0
22,124.0	89.57	356.23	12,939.9	8,666.2	1,672.1	7.12	-5.00	5.07	-55.3	1.9
22,138.0	89.79	356.17	12,940.0	8,680.2	1,671.2	1.63	1.57	-0.43	-55.2	2.7
22,151.0	90.07	356.12	12,940.0	8,693.2	1,670.3	2.19	2.15	-0.38	-55.1	3.5
22,165.0	90.39	356.10	12,940.0	8,707.1	1,669.3	2.29	2.29	-0.14	-55.1	4.4
22,178.0	90.70	356.07	12,939.9	8,720.1	1,668.4	2.40	2.38	-0.23	-55.2	5.2
22,192.0	90.84	356.05	12,939.7	8,734.1	1,667.5	1.01	1.00	-0.14	-55.3	6.0
22,205.0	90.10	356.05	12,939.6	8,747.0	1,666.6	5.69	-5.69	0.00	-55.4	6.8
22,219.0	90.03	356.02	12,939.5	8,761.0	1,665.6	0.54	-0.50	-0.21	-55.3	7.7
22,233.0	90.21	355.96	12,939.5	8,775.0	1,664.6	1.36	1.29	-0.43	-55.3	8.6
22,246.0	90.36	355.89	12,939.4	8,787.9	1,663.7	1.27	1.15	-0.54	-55.3	9.4
22,260.0	90.47	355.82	12,939.3	8,801.9	1,662.7	0.93	0.79	-0.50	-55.4	10.4
22,273.0	90.53	355.74	12,939.2	8,814.9	1,661.7	0.77	0.46	-0.62	-55.4	11.2
22,287.0	90.52	355.68	12,939.1	8,828.8	1,660.7	0.43	-0.07	-0.43	-55.5	12.2
22,300.0	90.41	355.62	12,939.0	8,841.8	1,659.7	0.96	-0.85	-0.46	-55.5	13.1
22,314.0	90.17	355.58	12,938.9	8,855.8	1,658.6	1.74	-1.71	-0.29	-55.5	14.1
22,328.0	89.69	355.56	12,938.9	8,869.7	1,657.6	3.43	-3.43	-0.14	-55.5	15.1
22,341.0	89.10	355.56	12,939.1	8,882.7	1,656.6	4.54	-4.54	0.00	-55.3	16.0
22,355.0	88.45	355.57	12,939.4	8,896.6	1,655.5	4.64	-4.64	0.07	-54.9	17.0
22,368.0	87.82	355.57	12,939.8	8,909.6	1,654.5	4.85	-4.85	0.00	-54.4	17.9
22,382.0	87.26	355.58	12,940.4	8,923.5	1,653.4	4.00	-4.00	0.07	-53.8	18.9
22,395.0	87.31	356.18	12,941.0	8,936.5	1,652.5	4.63	0.38	4.62	-53.1	19.7
22,409.0	87.16	357.18	12,941.7	8,950.4	1,651.6	7.21	-1.07	7.14	-52.4	20.5
22,423.0	86.47	358.08	12,942.5	8,964.4	1,651.1	8.09	-4.93	6.43	-51.5	21.0
22,436.0	85.72	358.41	12,943.4	8,977.4	1,650.7	6.30	-5.77	2.54	-50.6	21.3
22,450.0	85.20	359.03	12,944.5	8,991.3	1,650.4	5.77	-3.71	4.43	-49.4	21.6
22,463.0	84.68	359.68	12,945.6	9,004.3	1,650.2	6.39	-4.00	5.00	-48.2	21.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
22,477.0	84.20	0.30	12,947.0	9,018.2	1,650.2	5.58	-3.43	4.43	-46.8	21.6
22,490.0	84.93	0.02	12,948.2	9,031.1	1,650.2	6.01	5.62	-2.15	-45.5	21.4
22,504.0	85.90	0.51	12,949.3	9,045.1	1,650.3	7.76	6.93	3.50	-44.3	21.3
22,517.0	86.48	1.15	12,950.2	9,058.1	1,650.5	6.64	4.46	4.92	-43.4	21.0
22,531.0	86.70	1.66	12,951.0	9,072.0	1,650.8	3.96	1.57	3.64	-42.5	20.5
22,544.0	86.99	2.16	12,951.7	9,085.0	1,651.3	4.44	2.23	3.85	-41.7	20.0
22,558.0	87.32	2.66	12,952.4	9,099.0	1,651.9	4.28	2.36	3.57	-41.0	19.3
22,571.0	87.64	3.13	12,953.0	9,112.0	1,652.5	4.37	2.46	3.62	-40.4	18.6
22,585.0	87.92	3.55	12,953.5	9,125.9	1,653.3	3.60	2.00	3.00	-39.8	17.7
22,598.0	88.69	2.91	12,953.9	9,138.9	1,654.1	7.70	5.92	-4.92	-39.3	16.8
22,612.0	88.98	2.86	12,954.2	9,152.9	1,654.8	2.10	2.07	-0.36	-39.0	16.0
22,625.0	89.22	2.80	12,954.4	9,165.9	1,655.4	1.90	1.85	-0.46	-38.7	15.3
22,639.0	89.44	2.69	12,954.6	9,179.8	1,656.1	1.76	1.57	-0.79	-38.5	14.5
22,652.0	89.66	2.54	12,954.7	9,192.8	1,656.7	2.05	1.69	-1.15	-38.4	13.9
22,666.0	89.86	2.38	12,954.7	9,206.8	1,657.3	1.83	1.43	-1.14	-38.2	13.2
22,679.0	90.05	2.23	12,954.8	9,219.8	1,657.8	1.86	1.46	-1.15	-38.2	12.6
22,693.0	90.20	2.10	12,954.7	9,233.8	1,658.3	1.42	1.07	-0.93	-38.1	12.0
22,707.0	89.93	1.59	12,954.7	9,247.8	1,658.8	4.12	-1.93	-3.64	-38.1	11.4
22,720.0	89.66	1.14	12,954.8	9,260.8	1,659.1	4.04	-2.08	-3.46	-38.0	11.0
22,734.0	89.34	0.67	12,954.9	9,274.8	1,659.3	4.06	-2.29	-3.36	-37.8	10.7
22,747.0	88.98	0.18	12,955.1	9,287.8	1,659.4	4.68	-2.77	-3.77	-37.6	10.6
22,761.0	88.61	359.71	12,955.4	9,301.8	1,659.4	4.27	-2.64	-3.36	-37.2	10.5
22,774.0	88.26	359.27	12,955.7	9,314.8	1,659.3	4.32	-2.69	-3.38	-36.8	10.5
22,788.0	87.96	358.89	12,956.2	9,328.8	1,659.1	3.46	-2.14	-2.71	-36.3	10.7
22,802.0	88.21	358.88	12,956.6	9,342.7	1,658.8	1.79	1.79	-0.07	-35.8	10.8
22,815.0	88.45	358.89	12,957.0	9,355.7	1,658.5	1.85	1.85	0.08	-35.3	11.0
22,829.0	88.77	358.96	12,957.4	9,369.7	1,658.3	2.34	2.29	0.50	-34.9	11.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #765H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3670.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	kb = 26' @ 3670.0usft
Well:	#765H	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)
22,843.0	89.12	359.06	12,957.6	9,383.7	1,658.0	2.60	2.50	0.71	-34.6	11.3
22,857.0	89.44	359.15	12,957.8	9,397.7	1,657.8	2.37	2.29	0.64	-34.4	11.5
22,870.0	89.74	358.61	12,957.9	9,410.7	1,657.5	4.75	2.31	-4.15	-34.2	11.6
22,884.0	89.80	357.74	12,957.9	9,424.7	1,657.1	6.23	0.43	-6.21	-34.1	12.0
22,980.0	90.29	357.86	12,957.9	9,520.6	1,653.4	0.53	0.51	0.12	-33.8	15.0
23,075.0	91.69	358.82	12,956.2	9,615.6	1,650.7	1.79	1.47	1.01	-35.0	17.2
23,171.0	92.40	358.03	12,952.8	9,711.5	1,648.0	1.11	0.74	-0.82	-38.0	19.2
Last MWD Survey (MD=23171.0')										
23,361.0	92.40	358.03	12,944.8	9,901.2	1,641.5	0.00	0.00	0.00	-45.2	24.5
Projection to Bit (MD=23361.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,675.0	12,447.2	-502.0	1,424.5	KOP, MD:12675.0', TVD:12447.2', N/S:-502.0', E/W:1424.5', INC:1.01
12,874.7	12,631.5	-436.7	1,432.0	FTP Crossing, MD:12874.7', TVD:12631.5', N/S:-436.7', E/W:1432.0', INC:33.56
23,171.0	12,952.8	9,711.5	1,648.0	Last MWD Survey (MD=23171.0')
23,361.0	12,944.8	9,901.2	1,641.5	Projection to Bit (MD=23361.0')

Checked By: _____ Approved By: _____ Date: _____

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



Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com #765H

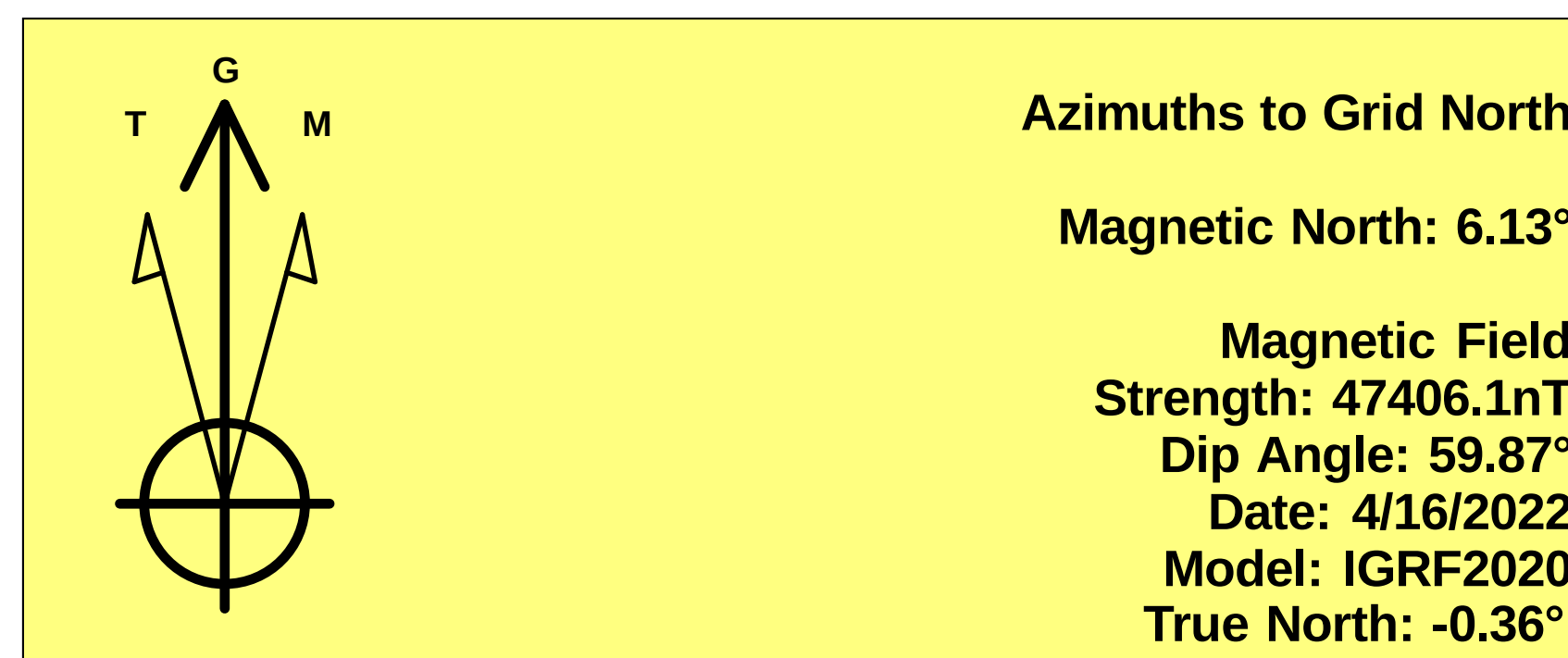
Plan #1

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: #765H

3644.0
kb = 26' @ 3670.0usft
Northing 452009.00 Easting 748577.00 Latitude 32° 14' 27.135 N Longitude 103° 39' 46.949 W



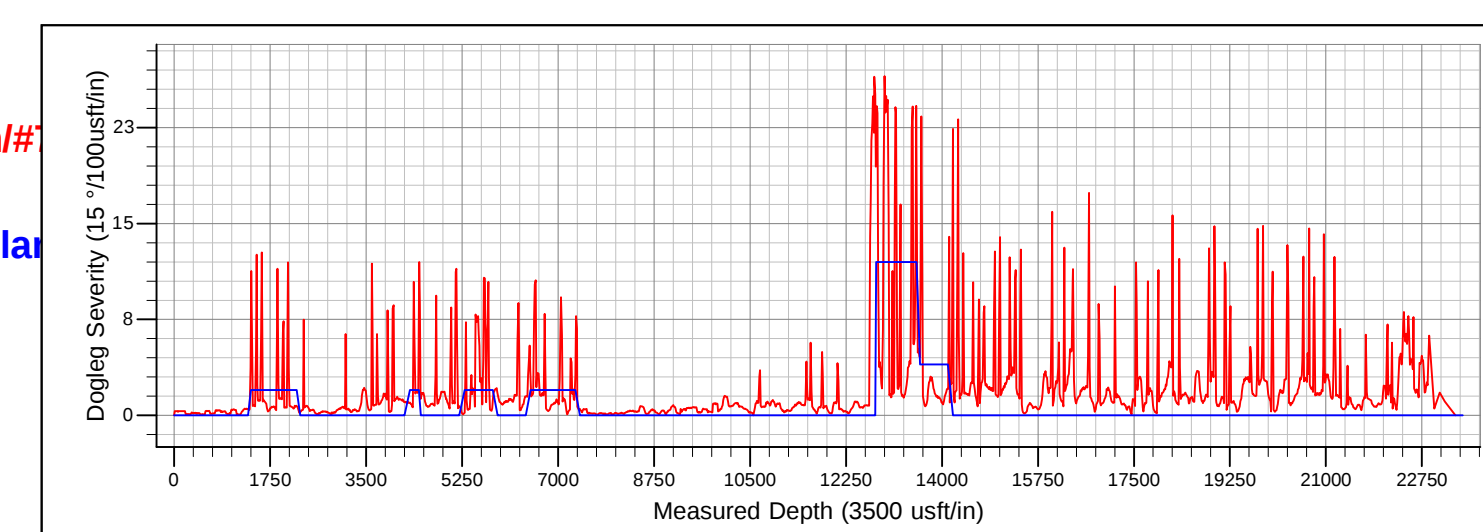
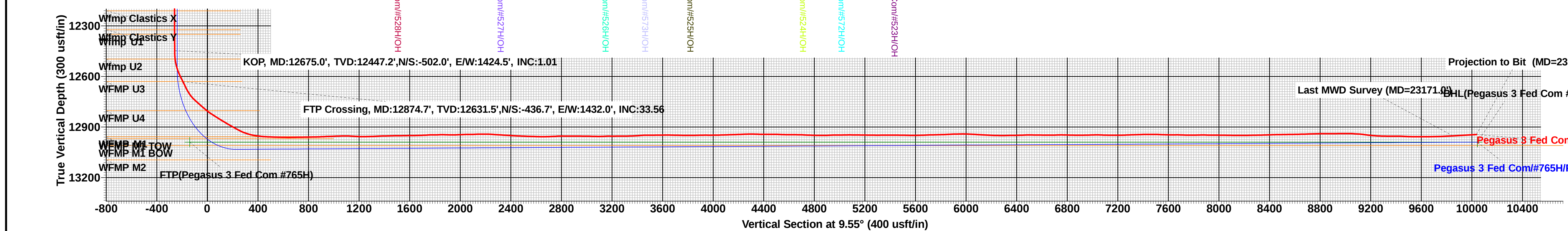
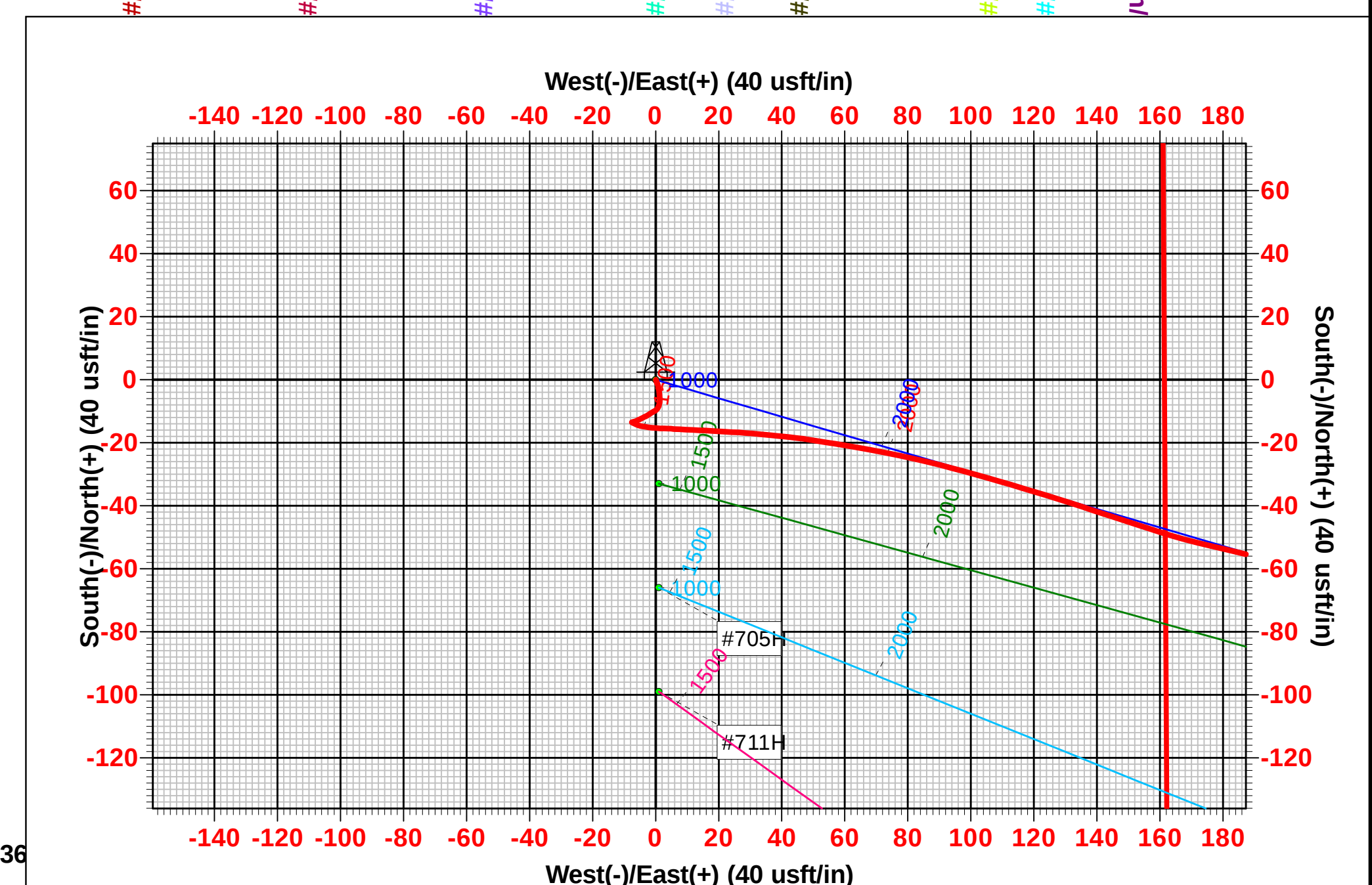
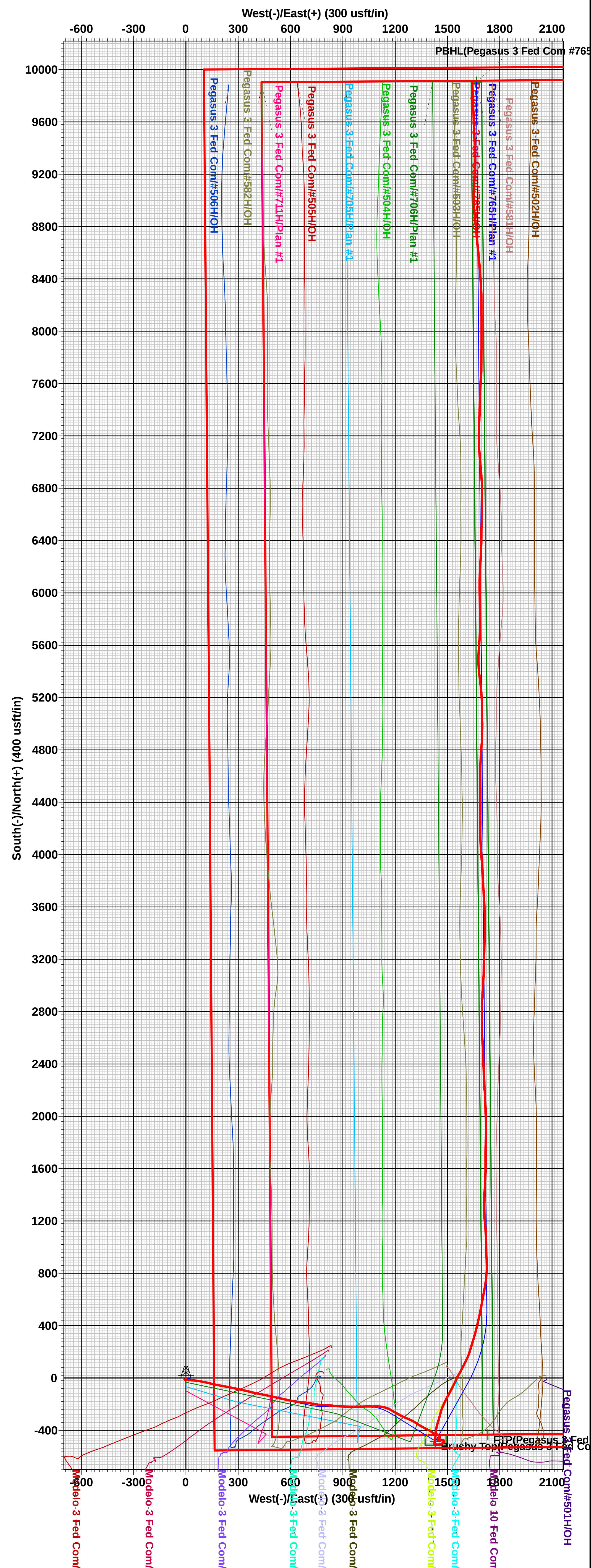
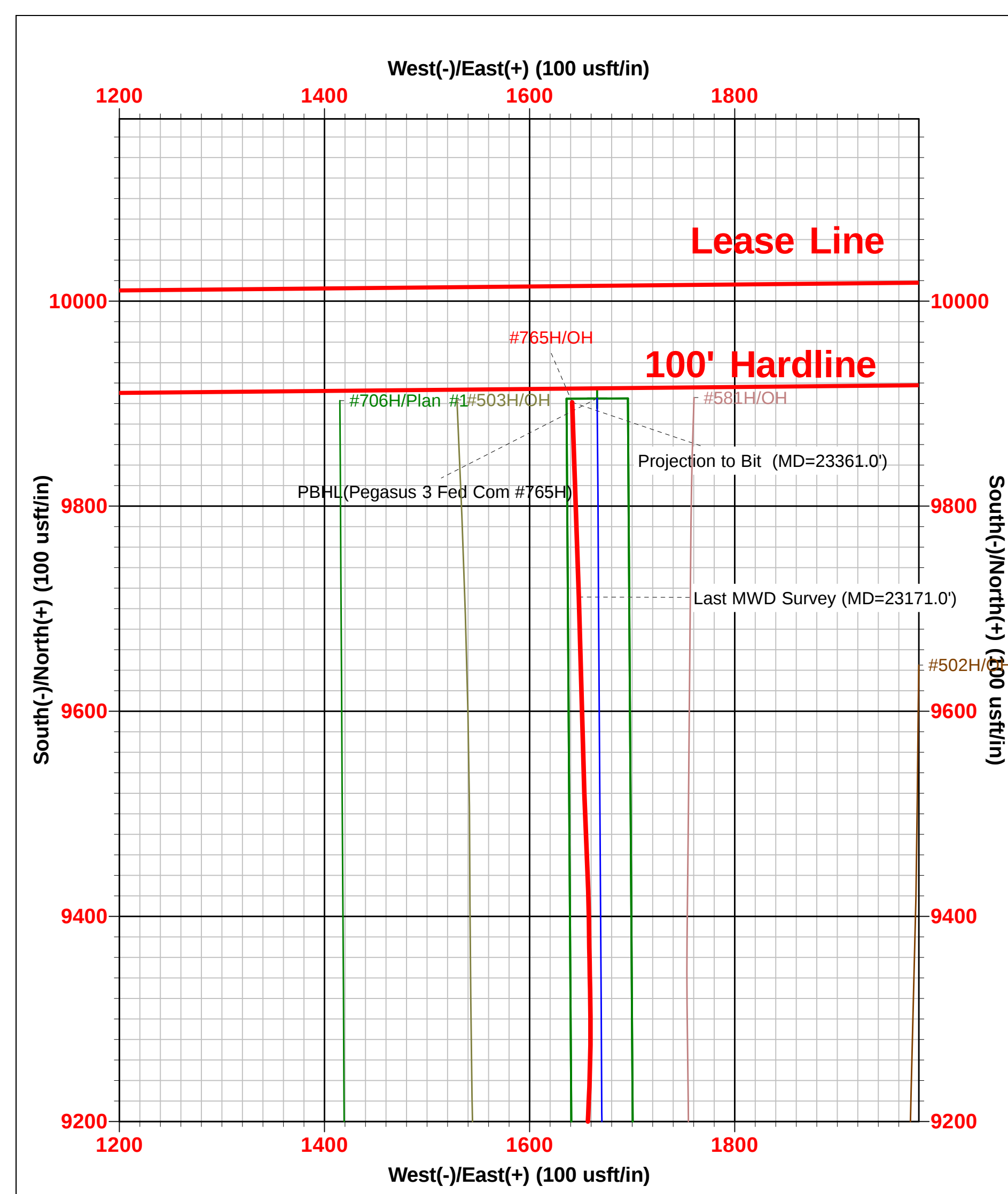
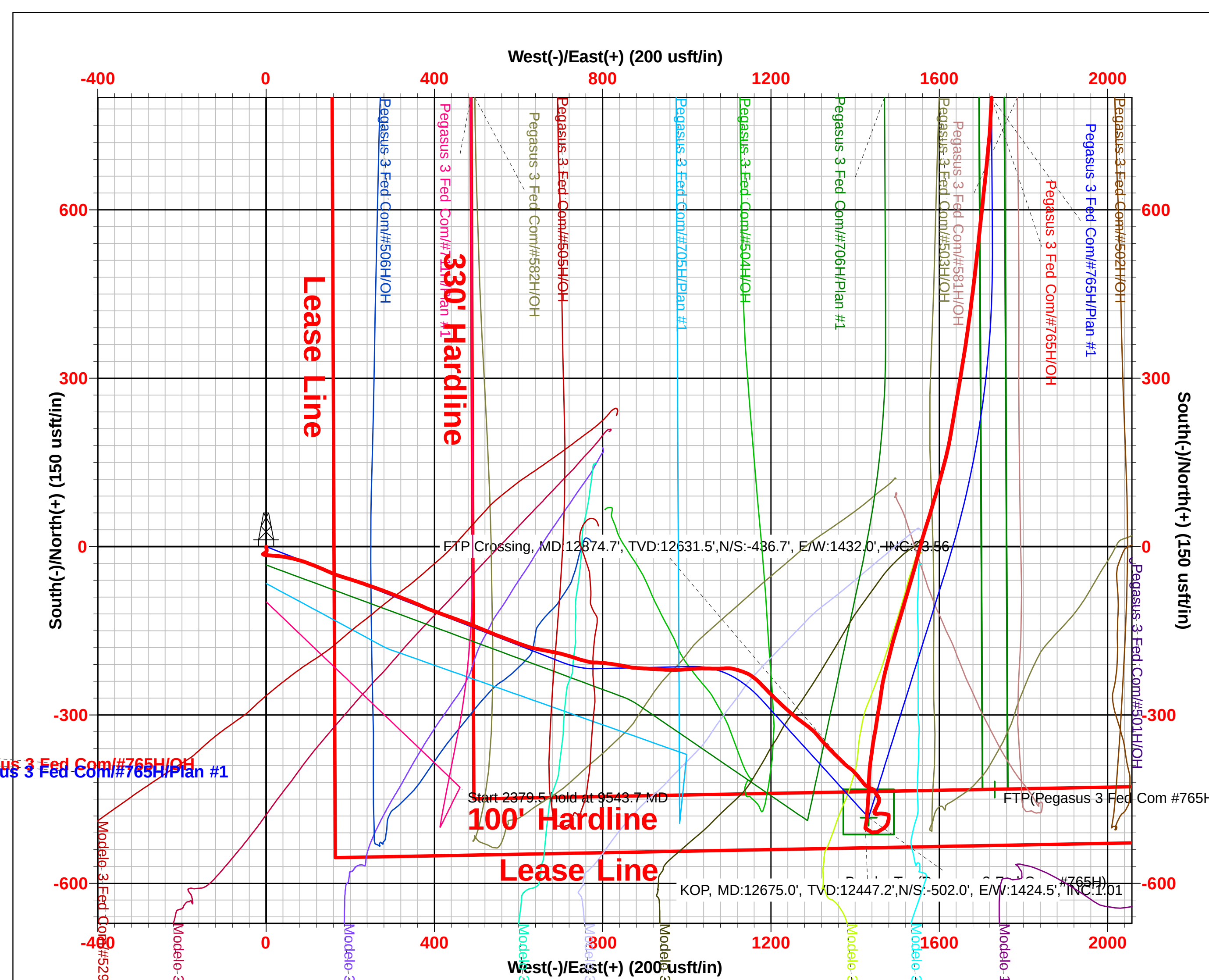
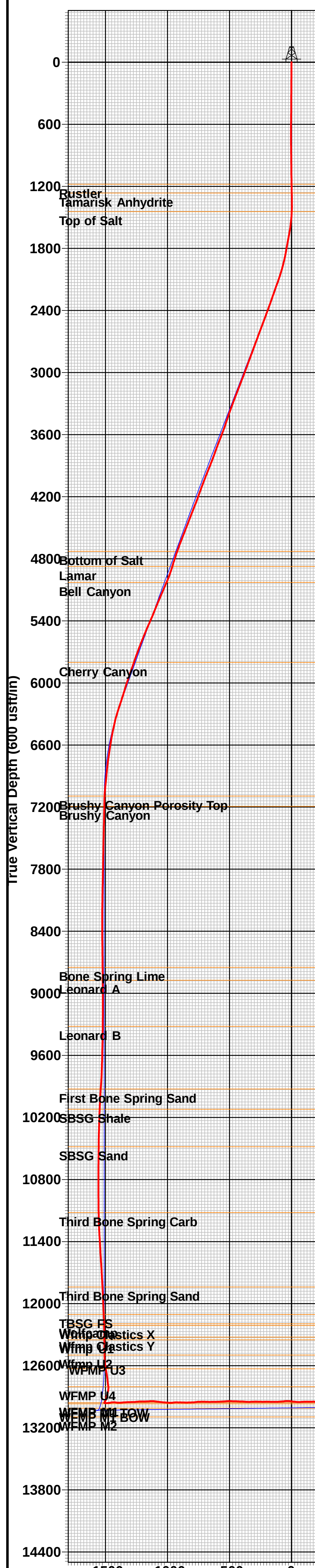
To convert a Magnetic Direction to a Grid Direction, Add 6.13°
To convert a Magnetic Direction to a True Direction, Add 6.49° East
To convert a True Direction to a Grid Direction, Subtract 0.36°

CURVE/LATERAL DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1350.0	0.00	0.00	1350.0	0.0	0.0	0.00	0.00	0.0	
3	2239.2	17.78	106.33	2225.0	-38.5	131.4	2.00	106.33	-16.2	
4	4200.8	17.78	106.33	4092.9	-207.0	706.4	0.00	0.00	-87.0	
5	4464.6	17.78	89.00	4344.2	-217.6	785.3	2.00	-98.31	-84.4	
6	5200.0	17.78	89.00	5044.5	-213.7	1009.9	0.00	0.00	-43.3	
7	5814.0	18.16	129.55	5630.8	-273.2	1178.0	2.00	107.70	-74.1	
8	6413.3	18.16	129.55	6200.2	-392.2	1322.0	0.00	0.00	-167.4	
9	7321.2	0.00	0.00	7093.0	-483.0	1432.0	2.00	180.00	-238.8	
10	12783.2	0.00	0.00	12555.0	-483.0	1432.0	0.00	0.00	-238.8	
11	13535.2	90.24	22.60	13032.5	-40.4	1616.3	12.00	22.60	228.3	
12	14109.4	90.24	359.63	13030.0	519.3	1726.2	4.00	-89.94	798.4	
13	23495.3	90.24	359.63	12990.0	9905.0	1666.0	0.00	0.00	10044.1	PBHL(Pegasus 3 Fed Com #765H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Pegasus 3 Fed Com #765H)	7192.0	-483.0	1432.0	451526.00	750009.00
FTP(Pegasus 3 Fed Com #765H)	12990.0	-433.0	1732.0	451576.00	750309.00
PBHL(Pegasus 3 Fed Com #765H)	12990.0	9905.0	1666.0	461914.00	750243.00



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

Well Name: PEGASUS 3 FED COM	Well Location: 32.2408713 / - 103.6630417	County or Parish/State: LEA / NM
Well Number: 765H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM94850	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547169	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Notification

Sundry ID:	2684077	Type of Action:	First Production
Type of Submission:	Notification	Time Sundry Submitted:	9:57:23 AM
Date Sundry Submitted:	Jul 26, 2022		
First Production Date:	Jul 23, 2022		
US Well Number:	3002547169		
First Production Remarks:	03/30/2022 RIG RELEASED 05/16/2022 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI 06/14/2022 BEGIN PERF AND FRAC 06/30/2022 FINISH 50 STAGES PERF & FRAC, 13,460 – 23,333’ W/ 3 1/8” 2100 SHOTS, FRAC 24,522,221 LBS PROPPANT + 466,766 BBLs LOAD FLUID 07/06/2022 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE 07/23/2022 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION		
Disposition:	Accepted		
Accepted Date:	07/27/2022		

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-025-47169										
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: 765H				
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		556	SOUTH	2474	WEST	LEA
BH:	A	34	23S	32E		113	NORTH	1104	EAST	LEA
13. Date Spudded 02/16/2022	14. Date T.D. Reached 03/28/2022		15. Date Rig Released 03/30/2022			16. Date Completed (Ready to Produce) 07/23/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3644' GL		
18. Total Measured Depth of Well MD 23,361' TVD 12,944'			19. Plug Back Measured Depth MD 23,333' TVD 12,944'			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 13,460 - 23,333'										
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# J-55		1284'		12 1/4"		455 SXS CL C/CIRC		
7 5/8"		29.7# ECP 110		12,587'		8 3/4"		1835 SXS CL C & H/113' ECHO		
5 1/2"		20# ECP 110		23,341'		6 3/4"		955 SXS CL H TOC 12,702' 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) 13,460 - 23,333' 3 1/8", 2100 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 13,460 - 23,333' FRAC W/24,522,221 lbs proppant, 466,766 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 08/01/2022	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 2125	Gas - MCF 8148	Water - Bbl. 10983	Gas - Oil Ratio 3834			
Flow Tubing Press.	Casing Pressure 2530	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										
Signature Kay Maddox		Name Kay Maddox		Title Senior Regulatory Specialist			Date 08/04/2022			
E-mail Address kay_maddox@eogresources.com										

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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	12,170'		T. 2nd BS Sand	10,515'		T. Wingate	
T. Penn			T. 3rd BS SAND	11,850'		T. Chinle	
T. Cisco (Bough C)			T.			T. Permian	

OIL OR GAS
SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

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

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	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. 30-025-47169
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 : 556 feet from the SOUTH line and 2474 feet from the WEST line Section 3 Township 24S Range 32E NMPM County LEA		8. Well Number 765H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3644'		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:

03/30/2022

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:

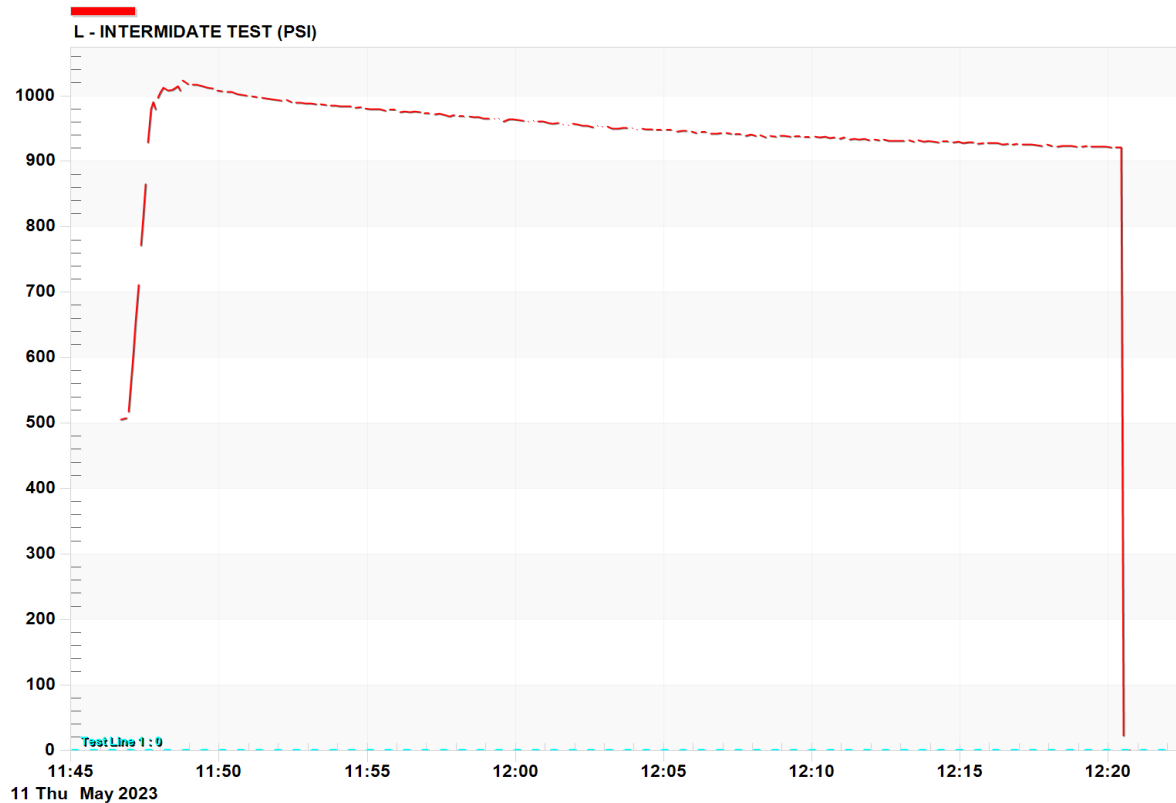
Email: Mark_pope@eogresources.com

JOB DETAILS

DATE 5/11/2023 11:46:38AM
START TIME 5/11/2023 11:46:38AM
END TIME 5/11/2023 12:20:54PM
Ticket#:
Other:
Other:

Operator:
WELL: PEGASUS 3 FED COM
Licence #: 765H
Contractor:
AFE:

Comments:



11:46:36

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
11:46	36.118	507						
11:46	41.118	506						
11:46	46.119	506						
11:46	51.118	507						
11:46	56.118	518						
11:47	1.118	516						
11:47	6.118	604						
11:47	11.118	655						
11:47	16.118	712						
11:47	21.119	772						
11:47	26.118	816						
11:47	31.118	865						
11:47	36.118	929						
11:47	41.118	980						
11:47	46.118	991						
11:47	51.118	980						
11:47	56.119	998						
11:48	1.118	1,005						
11:48	6.118	1,013						
11:48	11.118	1,009						
11:48	16.118	1,009						
11:48	21.118	1,009						
11:48	26.118	1,009						
11:48	31.119	1,008						
11:48	36.118	1,015						
11:48	41.118	1,009						
11:48	46.118	1,024						
11:48	51.118	1,021						
11:48	56.118	1,018						
11:49	1.118	1,017						
11:49	6.119	1,017						
11:49	11.118	1,018						
11:49	16.118	1,017						
11:49	21.118	1,015						
11:49	26.118	1,015						
11:49	31.118	1,013						
11:49	36.118	1,013						
11:49	41.119	1,012						
11:49	46.118	1,011						
11:49	51.118	1,010						
11:49	56.119	1,009						
11:50	1.118	1,009						
11:50	6.118	1,007						
11:50	11.118	1,007						
11:50	16.119	1,006						
11:50	21.118	1,005						
11:50	26.118	1,006						
11:50	31.119	1,005						

11:50:36

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
11:50	36.118	1,003						
11:50	41.118	1,003						
11:50	46.118	1,001						
11:50	51.119	1,002						
11:50	56.118	1,001						
11:51	1.118	1,001						
11:51	6.119	1,000						
11:51	11.118	999						
11:51	16.118	998						
11:51	21.118	999						
11:51	26.119	997						
11:51	31.118	996						
11:51	36.118	996						
11:51	41.119	996						
11:51	46.118	995						
11:51	51.118	995						
11:51	56.118	995						
11:52	1.119	994						
11:52	6.118	993						
11:52	11.118	993						
11:52	16.119	994						
11:52	21.118	991						
11:52	26.118	991						
11:52	31.118	991						
11:52	36.119	990						
11:52	41.118	990						
11:52	46.118	989						
11:52	51.119	991						
11:52	56.118	988						
11:53	1.118	989						
11:53	6.118	988						
11:53	11.119	989						
11:53	16.118	987						
11:53	21.118	987						
11:53	26.119	987						
11:53	31.118	986						
11:53	36.118	986						
11:53	41.118	986						
11:53	46.119	985						
11:53	51.118	985						
11:53	56.118	985						
11:54	1.119	986						
11:54	6.118	984						
11:54	11.118	984						
11:54	16.118	984						
11:54	21.119	984						
11:54	26.118	984						
11:54	31.118	984						

11:54:36

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
11:54	36.119	982						
11:54	41.118	983						
11:54	46.118	983						
11:54	51.118	982						
11:54	56.119	981						
11:55	1.118	981						
11:55	6.118	980						
11:55	11.119	980						
11:55	16.118	980						
11:55	21.118	979						
11:55	26.118	979						
11:55	31.119	979						
11:55	36.118	977						
11:55	41.118	978						
11:55	46.119	978						
11:55	51.118	978						
11:55	56.118	979						
11:56	1.118	978						
11:56	6.119	975						
11:56	11.118	976						
11:56	16.118	976						
11:56	21.119	976						
11:56	26.118	975						
11:56	31.118	975						
11:56	36.118	976						
11:56	41.119	975						
11:56	46.118	975						
11:56	51.118	971						
11:56	56.119	973						
11:57	1.118	974						
11:57	6.118	974						
11:57	11.118	974						
11:57	16.119	972						
11:57	21.118	973						
11:57	26.118	973						
11:57	31.119	971						
11:57	36.118	971						
11:57	41.118	972						
11:57	46.118	968						
11:57	51.119	970						
11:57	56.118	970						
11:58	1.118	969						
11:58	6.119	968						
11:58	11.118	969						
11:58	16.118	969						
11:58	21.118	969						
11:58	26.119	969						
11:58	31.118	968						

INTERMEDIATE TEST (PSI)								
Time								
11:58	36.118	967						
11:58	41.119	967						
11:58	46.118	967						
11:58	51.118	966						
11:58	56.118	966						
11:59	1.119	966						
11:59	6.118	966						
11:59	11.118	965						
11:59	16.119	965						
11:59	21.118	965						
11:59	26.118	965						
11:59	31.118	964						
11:59	36.119	961						
11:59	41.118	962						
11:59	46.118	964						
11:59	51.119	962						
11:59	56.118	964						
12:00	1.118	963						
12:00	6.118	963						
12:00	11.119	962						
12:00	16.118	962						
12:00	21.118	961						
12:00	26.119	961						
12:00	31.118	960						
12:00	36.118	962						
12:00	41.118	960						
12:00	46.119	960						
12:00	51.118	960						
12:00	56.118	961						
12:01	1.119	960						
12:01	6.118	958						
12:01	11.118	958						
12:01	16.118	958						
12:01	21.119	958						
12:01	26.118	959						
12:01	31.118	958						
12:01	36.119	957						
12:01	41.118	957						
12:01	46.118	956						
12:01	51.118	957						
12:01	56.119	958						
12:02	1.118	957						
12:02	6.118	956						
12:02	11.119	956						
12:02	16.118	954						
12:02	21.118	956						
12:02	26.118	955						
12:02	31.119	954						

12:02:36

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
12:02	36.118	952						
12:02	41.118	952						
12:02	46.119	954						
12:02	51.118	953						
12:02	56.118	954						
12:03	1.118	953						
12:03	6.119	953						
12:03	11.118	952						
12:03	16.118	950						
12:03	21.119	950						
12:03	26.118	950						
12:03	31.118	950						
12:03	36.118	952						
12:03	41.119	952						
12:03	46.118	951						
12:03	51.118	951						
12:03	56.119	951						
12:04	1.118	950						
12:04	6.118	949						
12:04	11.118	949						
12:04	16.119	950						
12:04	21.118	951						
12:04	26.118	949						
12:04	31.119	948						
12:04	36.118	949						
12:04	41.118	949						
12:04	46.118	948						
12:04	51.119	947						
12:04	56.118	948						
12:05	1.118	948						
12:05	6.119	948						
12:05	11.118	948						
12:05	16.118	948						
12:05	21.118	947						
12:05	26.119	946						
12:05	31.118	946						
12:05	36.118	947						
12:05	41.119	946						
12:05	46.118	946						
12:05	51.118	948						
12:05	56.118	946						
12:06	1.119	943						
12:06	6.118	944						
12:06	11.118	944						
12:06	16.119	944						
12:06	21.118	944						
12:06	26.118	944						
12:06	31.118	944						

12:06:36

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
12:06	36.119	943						
12:06	41.118	944						
12:06	46.118	942						
12:06	51.119	942						
12:06	56.118	943						
12:07	1.118	943						
12:07	6.118	944						
12:07	11.119	942						
12:07	16.118	943						
12:07	21.118	941						
12:07	26.119	942						
12:07	31.118	941						
12:07	36.118	941						
12:07	41.118	941						
12:07	46.119	939						
12:07	51.118	940						
12:07	56.118	941						
12:08	1.119	938						
12:08	6.118	939						
12:08	11.118	940						
12:08	16.118	940						
12:08	21.119	940						
12:08	26.118	937						
12:08	31.118	938						
12:08	36.119	939						
12:08	41.118	938						
12:08	46.118	938						
12:08	51.118	938						
12:08	56.119	939						
12:09	1.118	938						
12:09	6.118	939						
12:09	11.119	938						
12:09	16.118	938						
12:09	21.118	937						
12:09	26.118	938						
12:09	31.119	938						
12:09	36.118	938						
12:09	41.118	938						
12:09	46.119	937						
12:09	51.118	937						
12:09	56.118	936						
12:10	1.118	937						
12:10	6.119	938						
12:10	11.118	936						
12:10	16.118	937						
12:10	21.119	937						
12:10	26.118	938						
12:10	31.118	936						

INTERMIDATE TEST (PSI)								
Time								
12:10	36.118	935						
12:10	41.119	935						
12:10	46.118	936						
12:10	51.118	935						
12:10	56.119	935						
12:11	1.118	936						
12:11	6.118	936						
12:11	11.118	935						
12:11	16.119	934						
12:11	21.118	935						
12:11	26.118	934						
12:11	31.119	934						
12:11	36.118	934						
12:11	41.118	933						
12:11	46.118	934						
12:11	51.119	933						
12:11	56.118	933						
12:12	1.118	933						
12:12	6.119	934						
12:12	11.118	933						
12:12	16.118	933						
12:12	21.118	933						
12:12	26.119	933						
12:12	31.118	933						
12:12	36.118	932						
12:12	41.119	933						
12:12	46.118	932						
12:12	51.118	933						
12:12	56.118	932						
12:13	1.119	933						
12:13	6.118	932						
12:13	11.118	932						
12:13	16.119	933						
12:13	21.118	933						
12:13	26.118	930						
12:13	31.118	932						
12:13	36.119	932						
12:13	41.118	932						
12:13	46.118	931						
12:13	51.119	932						
12:13	56.118	931						
12:14	1.118	930						
12:14	6.118	930						
12:14	11.119	930						
12:14	16.118	929						
12:14	21.118	931						
12:14	26.119	930						
12:14	31.118	930						

12:14:36

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
12:14	36.118	930						
12:14	41.118	930						
12:14	46.119	930						
12:14	51.118	930						
12:14	56.118	930						
12:15	1.119	929						
12:15	6.118	928						
12:15	11.118	929						
12:15	16.118	929						
12:15	21.119	929						
12:15	26.118	929						
12:15	31.118	929						
12:15	36.119	927						
12:15	41.118	928						
12:15	46.118	928						
12:15	51.118	927						
12:15	56.119	928						
12:16	1.118	927						
12:16	6.118	928						
12:16	11.119	927						
12:16	16.118	928						
12:16	21.118	928						
12:16	26.118	926						
12:16	31.119	927						
12:16	36.118	926						
12:16	41.118	925						
12:16	46.119	925						
12:16	51.118	927						
12:16	56.118	927						
12:17	1.118	926						
12:17	6.119	926						
12:17	11.118	926						
12:17	16.118	926						
12:17	21.119	926						
12:17	26.118	926						
12:17	31.118	926						
12:17	36.118	925						
12:17	41.119	926						
12:17	46.118	924						
12:17	51.118	924						
12:17	56.119	925						
12:18	1.118	924						
12:18	6.118	924						
12:18	11.118	924						
12:18	16.119	922						
12:18	21.118	924						
12:18	26.118	923						
12:18	31.119	924						

12:18:36

Detailed Job Breakdown

May/11/2023

INTERMEDIATE TEST (PSI)								
Time								
12:18	36.118	924						
12:18	41.118	923						
12:18	46.118	924						
12:18	51.119	922						
12:18	56.118	923						
12:19	1.118	924						
12:19	6.119	923						
12:19	11.118	923						
12:19	16.118	923						
12:19	21.118	922						
12:19	26.119	923						
12:19	31.118	923						
12:19	36.118	922						
12:19	41.119	922						
12:19	46.118	922						
12:19	51.118	922						
12:19	56.118	922						
12:20	1.119	923						
12:20	6.118	921						
12:20	11.118	921						
12:20	16.119	921						
12:20	21.118	921						
12:20	26.118	922						
12:20	31.118	22						
12:20	36.119	0						
12:20	41.118	0						
12:20	46.118	0						
12:20	51.119	0						

Well Name:	Pegasus 3 Fed Com #765H
Property Number:	75937
API Number:	30025471690000
Opening Intermediate PSI:	510 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:	.75 bbls
Bbls bled back after test:	.75 bbls
Start	1019 psi
30 min	922 psi
Bleed down, SICP:	500 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 329392

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 329392
	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 329392

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 329392
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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