

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

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 10/25/2021	
⁴ API Number 30 - 025-47253	⁵ Pool Name TRISTE DRAW; BONE SPRING		⁶ Pool Code 96603
⁷ Property Code 328120	⁸ Property Name PEGASUS 3 FEDERAL COM		⁹ Well Number 582H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	03	24S	32E		657'	SOUTH	1314'	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	23S	32E		110'	NORTH	2309'	EAST	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 3/23/2021	²² Ready Date 10/25/2021	²³ TD 21,517'	²⁴ PBTD 21,486'	²⁵ Perforations 11,650 - 21,486'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
16"	13 3/8"	1288'	1200 SXS CL C/CIRC		
12 1/4"	9 5/8"	4912'	1650 SXS CL C/CIRC		
8 1/2"	5 1/2"	21,494'	3200 SXS CL H TOC 3400' CBL		

V. Well Test Data

³¹ Date New Oil 10/25/2021	³² Gas Delivery Date 10/25/2021	³³ Test Date 11/02/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1039
³⁷ Choke Size 64	³⁸ Oil 4897	³⁹ Water 5738	⁴⁰ Gas 8108		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: 11/16/2021	OIL CONSERVATION DIVISION	
	Approved by: 	
	Title: Petroleum Engineer	
	Approval Date: 06/16/22	
	COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47253	² Pool Code 96603	³ Pool Name TRISTE DRAW; BONE SPRING
⁴ Property Code 328120	⁵ Property Name PEGASUS 3 FED COM	⁶ Well Number 582H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3645'

¹⁰Surface Location

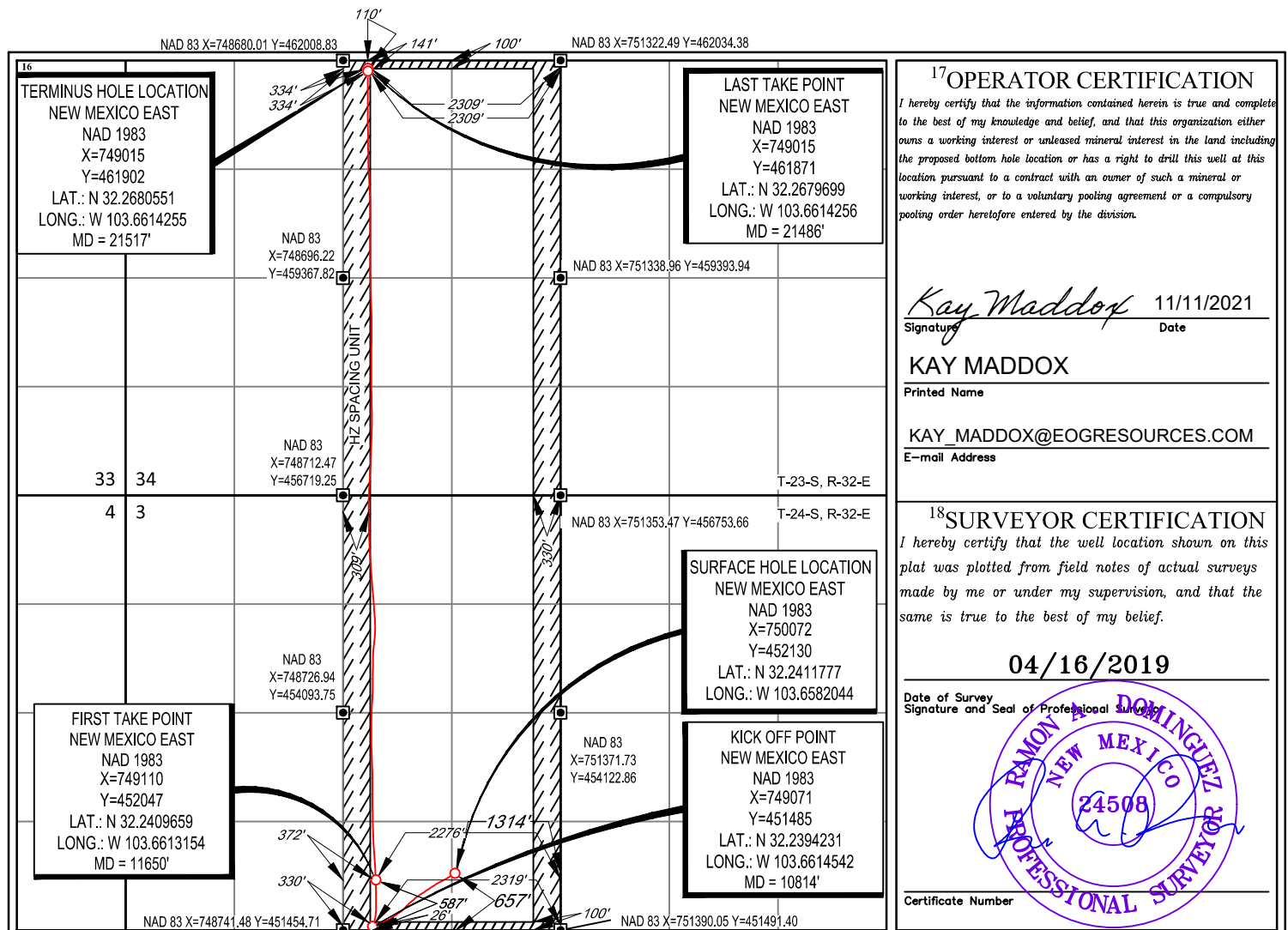
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	3	24-S	32-E	-	657'	SOUTH	1314'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	23-S	32-E	-	110'	NORTH	2309'	EAST	LEA

¹² Dedicated Acres 639.39	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com #582H

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: #582H

KB = 32' @ 3677.0usft
Northing 452130.00 Easting 750072.00 Latitude 32° 14' 28.239 N Longitude 103° 39' 29.534 W

Azimuths to Grid North
True North: -0.36°
Magnetic North: 6.24°

Magnetic Field
Strength: 47509.7nT
Dip Angle: 59.91°
Date: 4/19/2021
Model: IGRF2020

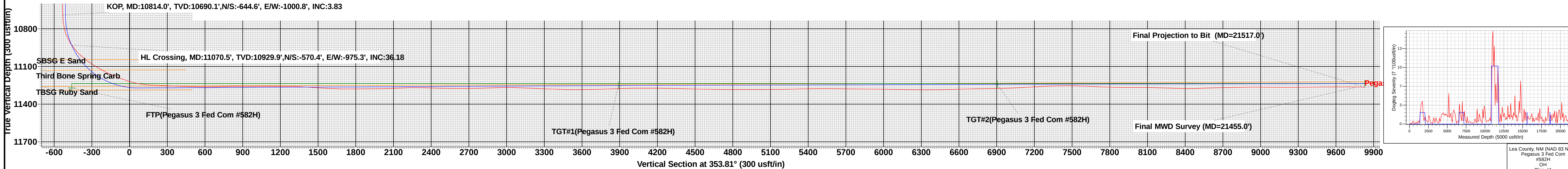
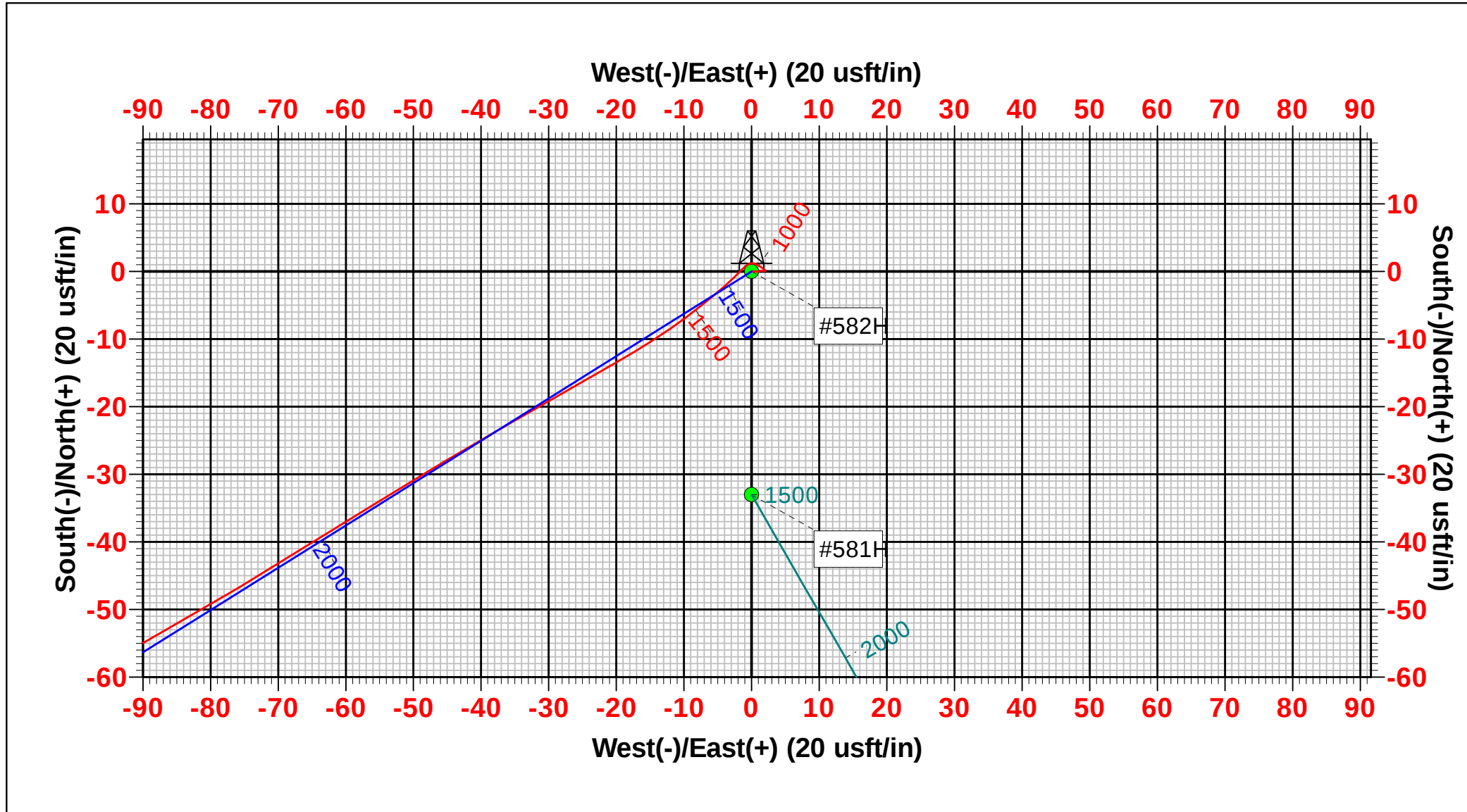
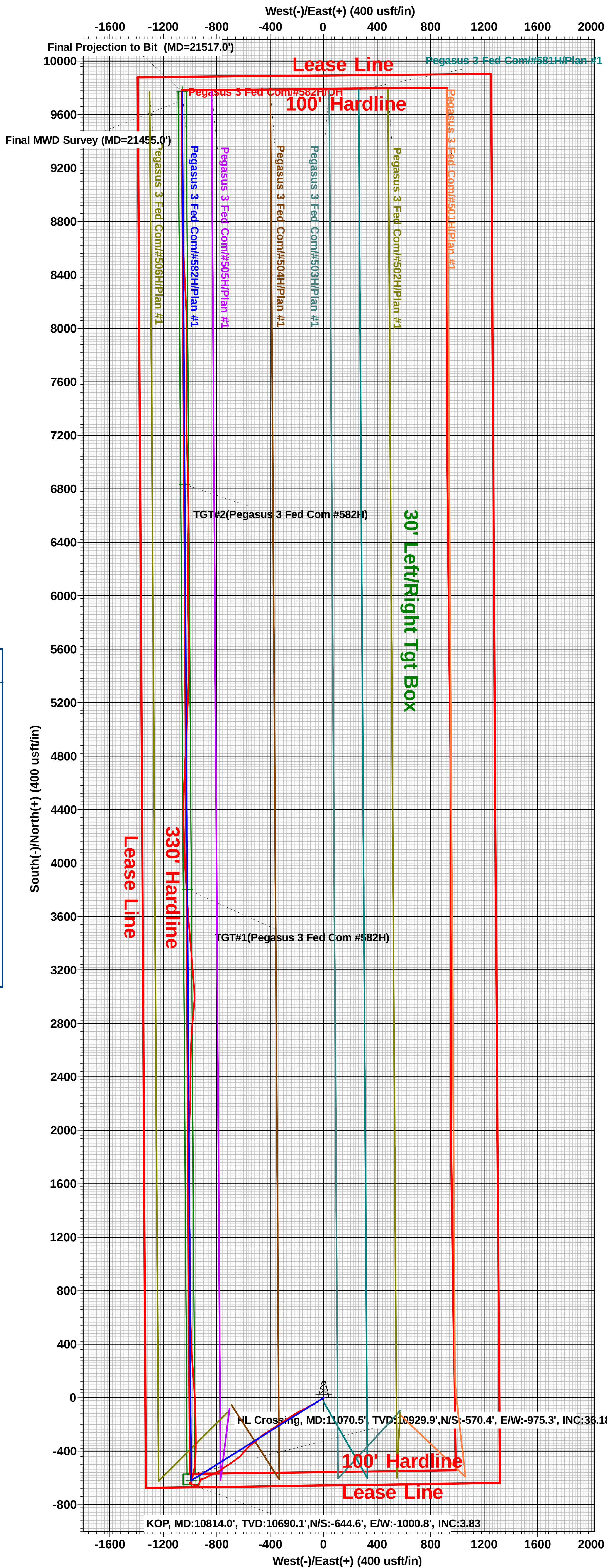
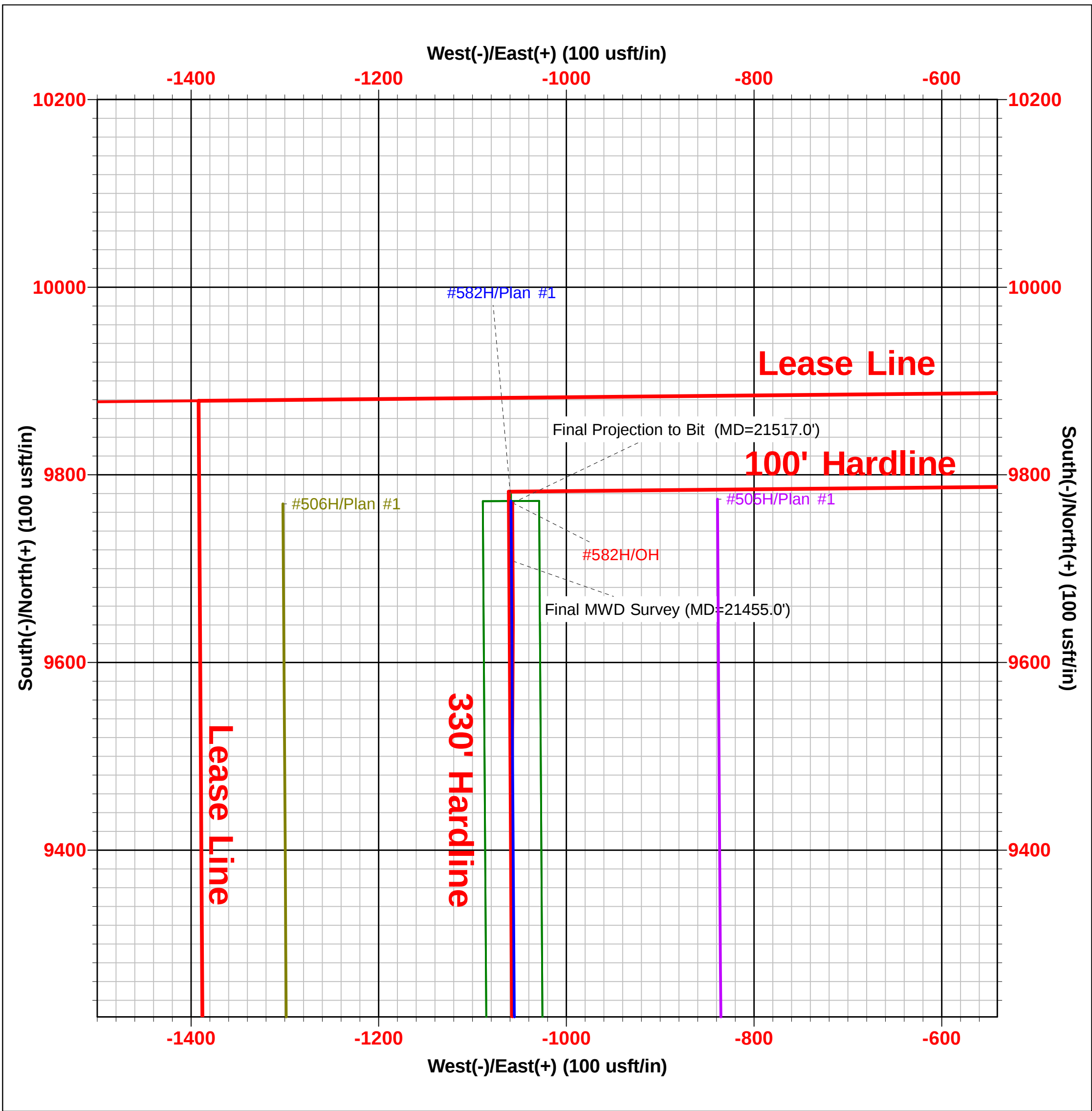
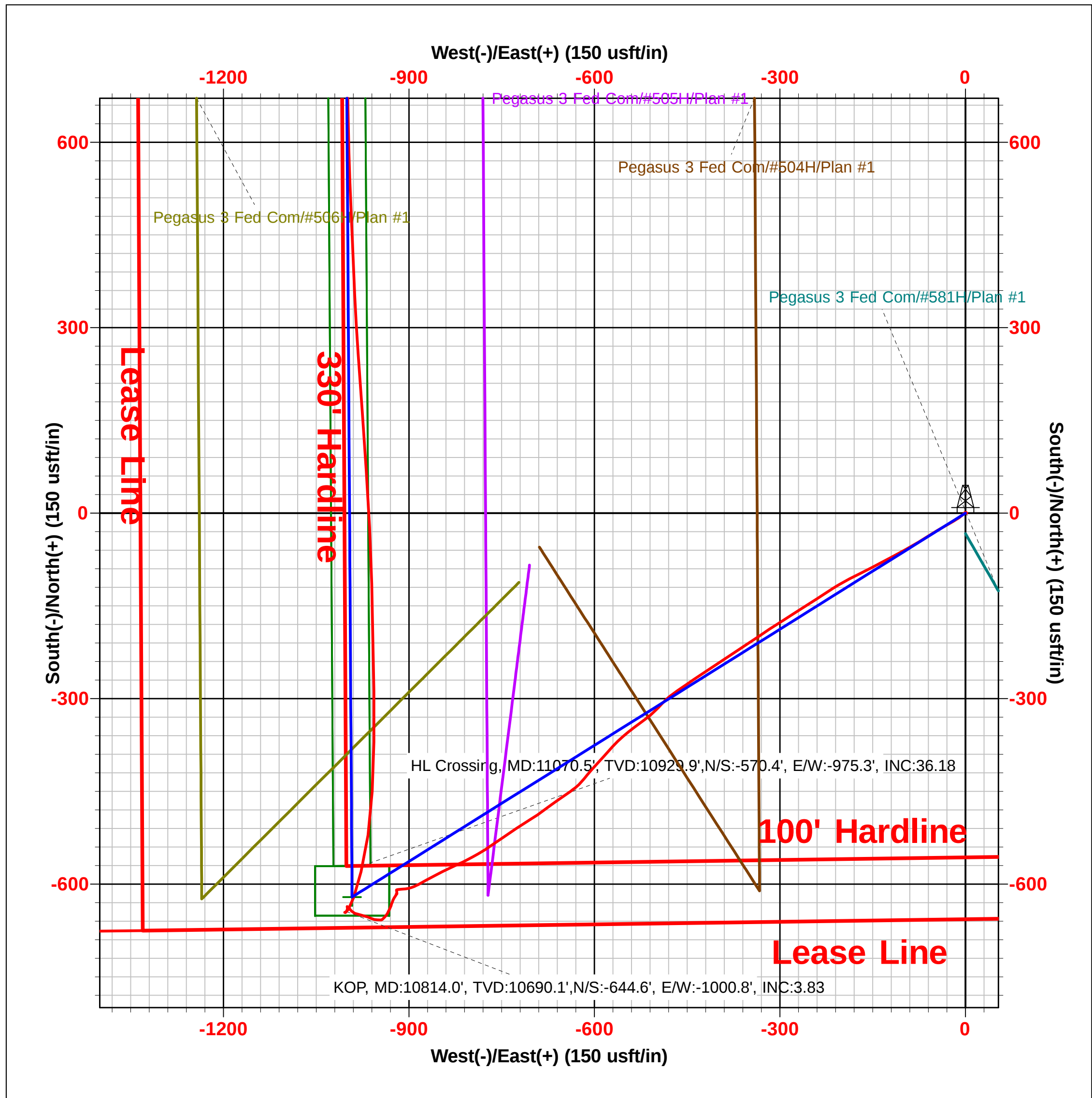
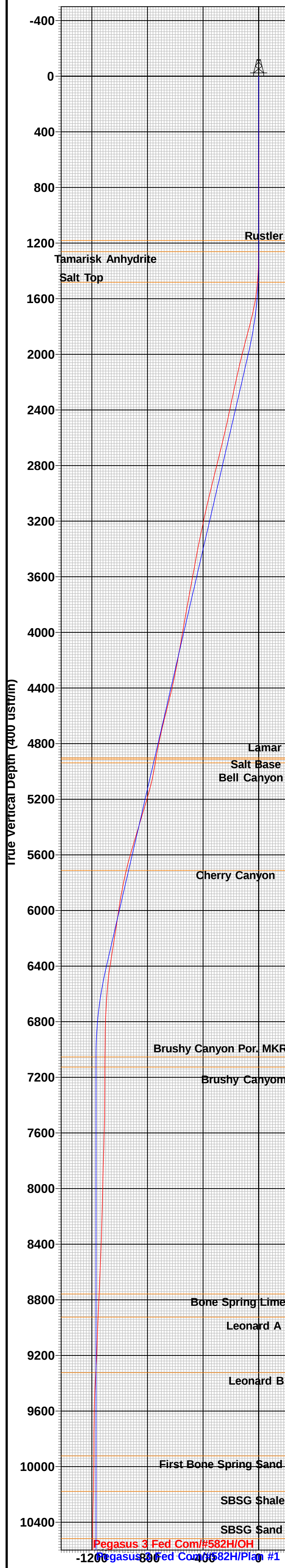
To convert a Magnetic Direction to a Grid Direction, Add 6.24°
To convert a Magnetic Direction to a True Direction, Add 6.61° East
To convert a True Direction to a Grid Direction, Subtract 0.36°

SECTION 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	2002.7	13.05	237.95	1997.1	-39.3	-62.8	2.00	237.95	-32.3	
4	6528.5	13.05	237.95	6405.9	-581.7	-929.2	0.00	0.00	-478.2	
5	7181.2	0.00	0.00	7053.0	-621.0	-992.0	2.00	180.00	-510.5	KOP (Pegasus 3 Fed Com #582H)
6	10826.2	0.00	0.00	10698.0	-621.0	-992.0	0.00	0.00	-510.5	
7	11729.1	90.28	359.63	11271.0	-45.2	-995.7	10.00	359.63	62.3	
8	15576.6	90.28	359.63	11252.0	3802.2	-1020.5	0.00	0.00	3890.0	TGT#1(Pegasus 3 Fed Com #582H)
9	15581.3	90.19	359.63	11252.0	3806.9	-1020.5	2.00	-180.00	3894.7	TGT#2(Pegasus 3 Fed Com #582H)
10	18607.2	90.19	359.63	11242.0	6832.7	-1040.1	0.00	0.00	6905.0	
11	18610.8	90.12	359.63	11242.0	6836.3	-1040.1	2.00	180.00	6908.6	
12	21546.6	90.12	359.63	11236.0	9772.0	-1059.0	0.00	0.00	9829.2	PBHL(Pegasus 3 Fed Com #582H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Pegasus 3 Fed Com #582H)	7053.0	-621.0	-992.0	451509.00	749080.00
PBHL(Pegasus 3 Fed Com #582H)	11236.0	9772.0	-1059.0	461902.00	749013.00
TGT#2(Pegasus 3 Fed Com #582H)	11242.0	6832.7	-1040.1	458962.70	749031.95
TGT#1(Pegasus 3 Fed Com #582H)	11252.0	3802.2	-1020.5	455932.20	749051.49
FTP(Pegasus 3 Fed Com #582H)	11271.0	-571.0	-992.0	451559.00	749080.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com

#582H

OH

Design: OH

Final PVA

26 April, 2021



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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

Well		#582H				
Well Position	+N/-S	0.0 usft	Northing:	452,130.00 usft	Latitude:	32° 14' 28.239 N
	+E/-W	0.0 usft	Easting:	750,072.00 usft	Longitude:	103° 39' 29.534 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,645.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/19/2021	6.61	59.91	47,509.67844201

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	353.81

Survey Program		Date	4/26/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
181.0	21,517.0	SDI MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



EOG Resources

Final PVA

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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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
181.0	0.27	87.46	181.0	0.0	0.4	0.15	0.15	0.00	-0.4	0.0
318.0	0.24	103.05	318.0	0.0	1.0	0.05	-0.02	11.38	-1.0	0.2
409.0	0.18	323.75	409.0	0.0	1.1	0.43	-0.07	-153.08	0.6	-0.9
501.0	0.31	99.47	501.0	0.1	1.3	0.50	0.14	147.52	-1.3	0.3
592.0	0.21	87.22	592.0	0.1	1.7	0.13	-0.11	-13.46	-1.7	0.0
683.0	0.11	101.36	683.0	0.1	2.0	0.12	-0.11	15.54	-1.9	0.5
777.0	0.09	16.29	777.0	0.1	2.1	0.14	-0.02	-90.50	-0.7	-1.9
871.0	0.34	303.78	871.0	0.4	1.8	0.35	0.27	-77.14	1.3	-1.3
965.0	0.48	301.74	965.0	0.7	1.3	0.15	0.15	-2.17	0.7	-1.3
1,060.0	0.55	301.85	1,060.0	1.2	0.6	0.07	0.07	0.12	-0.1	-1.3
1,155.0	0.55	245.83	1,155.0	1.2	-0.2	0.54	0.00	-58.97	0.3	-1.2
1,233.0	0.42	227.20	1,233.0	0.9	-0.8	0.26	-0.17	-23.88	0.0	-1.2
1,330.0	0.98	224.66	1,330.0	0.0	-1.6	0.58	0.58	-2.62	-1.1	-1.2
1,424.0	2.92	227.40	1,423.9	-2.2	-4.0	2.07	2.06	2.91	-3.4	-0.9
1,519.0	6.05	232.80	1,518.6	-6.8	-9.7	3.32	3.29	5.68	-6.9	0.0
1,613.0	9.35	240.00	1,611.8	-13.6	-20.3	3.65	3.51	7.66	-12.4	1.2
1,707.0	13.04	240.36	1,704.0	-22.7	-36.1	3.93	3.93	0.38	-20.5	0.9
1,801.0	14.50	238.03	1,795.2	-34.2	-55.3	1.66	1.55	-2.48	-29.9	-0.4
1,896.0	15.03	238.79	1,887.1	-46.9	-76.0	0.59	0.56	0.80	-37.8	-0.1
1,990.0	14.36	241.30	1,978.0	-58.8	-96.6	0.98	-0.71	2.67	-42.3	1.0
2,084.0	13.19	241.85	2,069.3	-69.4	-116.3	1.25	-1.24	0.59	-43.6	0.0
2,178.0	12.70	242.21	2,160.9	-79.3	-134.9	0.53	-0.52	0.38	-43.4	-1.2
2,271.0	12.23	242.73	2,251.7	-88.6	-152.7	0.52	-0.51	0.56	-42.6	-2.5
2,366.0	11.91	243.17	2,344.6	-97.6	-170.4	0.35	-0.34	0.46	-41.0	-4.0
2,460.0	11.65	242.60	2,436.7	-106.4	-187.5	0.30	-0.28	-0.61	-39.0	-6.3
2,554.0	12.82	239.58	2,528.5	-116.0	-204.9	1.42	1.24	-3.21	-37.2	-9.4



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
2,648.0	13.81	236.37	2,620.0	-127.5	-223.2	1.31	1.05	-3.41	-37.1	-11.4
2,741.0	14.04	237.37	2,710.3	-139.7	-242.0	0.36	0.25	1.08	-38.7	-10.3
2,835.0	13.87	237.91	2,801.5	-151.9	-261.1	0.23	-0.18	0.57	-40.3	-9.9
2,929.0	13.77	237.09	2,892.8	-163.9	-280.0	0.23	-0.11	-0.87	-41.4	-10.3
3,024.0	13.75	237.39	2,985.1	-176.2	-299.0	0.08	-0.02	0.32	-42.6	-9.8
3,118.0	13.27	236.88	3,076.5	-188.1	-317.5	0.53	-0.51	-0.54	-43.3	-9.8
3,212.0	12.24	235.83	3,168.1	-199.6	-334.8	1.12	-1.10	-1.12	-42.6	-10.0
3,306.0	12.01	236.19	3,260.0	-210.6	-351.1	0.26	-0.24	0.38	-41.2	-9.0
3,400.0	11.60	236.43	3,352.0	-221.3	-367.1	0.44	-0.44	0.26	-39.2	-8.3
3,494.0	10.58	236.03	3,444.3	-231.3	-382.2	1.09	-1.09	-0.43	-35.9	-7.9
3,588.0	10.08	237.60	3,536.8	-240.6	-396.3	0.61	-0.53	1.67	-31.6	-6.6
3,683.0	10.28	236.44	3,630.3	-249.7	-410.4	0.30	0.21	-1.22	-26.7	-6.8
3,770.0	10.64	235.96	3,814.2	-268.6	-438.6	0.20	0.19	-0.26	-18.2	-5.7
3,965.0	9.65	236.03	3,907.7	-277.9	-452.4	1.04	-1.04	0.07	-13.4	-4.9
4,059.0	9.95	234.96	4,000.3	-287.0	-465.6	0.37	0.32	-1.14	-8.0	-4.2
4,153.0	10.52	230.49	4,092.8	-297.1	-478.9	1.04	0.61	-4.76	-3.2	-2.7
4,247.0	9.92	222.52	4,185.3	-308.6	-491.0	1.63	-0.64	-8.48	1.2	1.4
4,342.0	11.40	226.01	4,278.7	-321.1	-503.3	1.70	1.56	3.67	4.8	6.2
4,436.0	12.48	233.18	4,370.6	-333.6	-518.1	1.95	1.15	7.63	7.3	8.5
4,531.0	14.05	233.83	4,463.1	-346.6	-535.6	1.66	1.65	0.68	7.0	10.1
4,624.0	14.65	228.73	4,553.2	-361.0	-553.6	1.50	0.65	-5.48	3.8	13.0
4,719.0	14.20	222.15	4,645.2	-377.6	-570.4	1.79	-0.47	-6.93	-0.6	17.8
4,813.0	12.79	222.08	4,736.6	-393.9	-585.1	1.50	-1.50	-0.07	-2.2	23.6
4,856.0	12.16	223.48	4,778.6	-400.7	-591.4	1.63	-1.47	3.26	-1.5	26.2
5,011.0	10.07	219.01	4,930.7	-423.1	-611.2	1.46	-1.35	-2.88	-0.2	36.1
5,106.0	11.07	222.22	5,024.1	-436.3	-622.6	1.22	1.05	3.38	5.2	42.4
5,200.0	15.11	235.06	5,115.6	-450.0	-638.7	5.27	4.30	13.66	14.5	43.3



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
5,294.0	16.16	235.19	5,206.2	-464.5	-659.5	1.12	1.12	0.14	10.3	44.3
5,387.0	17.23	232.99	5,295.2	-480.1	-681.1	1.34	1.15	-2.37	2.7	46.0
5,481.0	16.65	238.71	5,385.2	-495.5	-703.7	1.88	-0.62	6.09	0.8	46.6
5,575.0	16.45	236.12	5,475.3	-509.9	-726.3	0.81	-0.21	-2.76	-6.9	46.7
5,669.0	16.62	235.33	5,565.4	-525.0	-748.4	0.30	0.18	-0.84	-13.3	47.4
5,763.0	14.78	235.91	5,655.9	-539.4	-769.4	1.96	-1.96	0.62	-17.2	48.4
5,857.0	12.65	239.39	5,747.2	-551.3	-788.2	2.43	-2.27	3.70	-15.4	49.5
5,950.0	10.95	243.55	5,838.2	-560.4	-804.8	2.04	-1.83	4.47	-9.8	49.2
6,044.0	9.32	245.36	5,930.8	-567.6	-819.7	1.77	-1.73	1.93	-3.6	47.0
6,138.0	8.67	244.47	6,023.6	-573.8	-833.1	0.71	-0.69	-0.95	2.2	44.4
6,233.0	8.60	244.14	6,117.5	-580.0	-845.9	0.09	-0.07	-0.35	9.1	42.0
6,327.0	9.00	242.93	6,210.4	-586.4	-858.8	0.47	0.43	-1.29	15.1	40.2
6,421.0	9.13	240.13	6,303.2	-593.5	-871.8	0.49	0.14	-2.98	19.6	39.8
6,515.0	9.19	241.74	6,396.0	-600.7	-884.9	0.28	0.06	1.71	27.1	38.0
6,609.0	6.34	253.51	6,489.2	-605.8	-896.5	3.46	-3.03	12.52	41.2	27.9
6,704.0	4.83	263.33	6,583.7	-607.7	-905.5	1.88	-1.59	10.34	51.9	14.0
6,798.0	3.60	266.23	6,677.5	-608.4	-912.3	1.33	-1.31	3.09	58.1	4.8
6,892.0	3.11	265.65	6,771.3	-608.8	-917.8	0.52	-0.52	-0.62	62.3	0.1
6,987.0	1.45	164.73	6,866.3	-610.1	-920.1	3.86	-1.75	-106.23	-10.2	66.3
7,082.0	1.95	172.50	6,961.2	-612.9	-919.6	0.58	0.53	8.18	-2.0	71.5
7,177.0	1.33	181.23	7,056.2	-615.6	-919.4	0.70	-0.65	9.19	7.0	72.5
7,271.0	0.78	332.77	7,150.2	-616.1	-919.7	2.18	-0.59	161.21	28.7	-66.5
7,366.0	0.17	266.98	7,245.2	-615.5	-920.1	0.77	-0.64	-69.25	72.1	-1.7
7,460.0	0.52	206.08	7,339.2	-615.9	-920.4	0.49	0.37	-64.79	36.0	62.0
7,554.0	0.57	185.96	7,433.2	-616.8	-920.7	0.21	0.05	-21.40	11.6	70.5
7,649.0	1.71	208.47	7,528.1	-618.5	-921.4	1.27	1.20	23.69	35.8	60.9
7,742.0	1.65	214.59	7,621.1	-620.8	-922.8	0.20	-0.06	6.58	39.4	56.9



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
7,835.0	1.90	210.57	7,714.1	-623.3	-924.4	0.30	0.27	-4.32	32.4	59.4
7,930.0	2.15	200.95	7,809.0	-626.3	-925.8	0.44	0.26	-10.13	18.7	63.7
8,024.0	1.77	202.00	7,902.9	-629.3	-927.0	0.41	-0.40	1.12	16.7	63.4
8,118.0	1.92	195.91	7,996.9	-632.1	-928.0	0.26	0.16	-6.48	6.8	64.6
8,213.0	1.78	201.35	8,091.8	-635.0	-928.9	0.24	-0.15	5.73	9.9	63.8
8,400.0	2.05	204.19	8,278.7	-640.8	-931.4	0.15	0.14	1.52	6.8	63.4
8,494.0	1.93	209.93	8,372.7	-643.7	-932.8	0.25	-0.13	6.11	9.8	62.6
8,588.0	2.19	204.37	8,466.6	-646.7	-934.4	0.35	0.28	-5.91	0.4	63.1
8,683.0	2.83	217.82	8,561.5	-650.2	-936.6	0.91	0.67	14.16	10.9	61.7
8,777.0	2.55	224.45	8,655.4	-653.5	-939.4	0.44	-0.30	7.05	13.6	60.3
8,872.0	2.49	220.05	8,750.3	-656.6	-942.3	0.21	-0.06	-4.63	4.7	61.0
8,966.0	3.04	271.22	8,844.2	-658.1	-946.1	2.59	0.59	54.44	46.7	36.2
9,060.0	3.26	276.01	8,938.1	-657.8	-951.2	0.36	0.23	5.10	44.4	32.4
9,155.0	2.77	275.33	9,033.0	-657.3	-956.2	0.52	-0.52	-0.72	39.0	32.8
9,250.0	3.69	300.07	9,127.8	-655.6	-961.1	1.74	0.97	26.04	44.0	14.5
9,344.0	4.20	285.86	9,221.6	-653.1	-967.0	1.17	0.54	-15.12	32.7	24.1
9,438.0	4.67	284.75	9,315.3	-651.2	-974.1	0.51	0.50	-1.18	25.0	24.7
9,532.0	4.28	286.35	9,409.0	-649.2	-981.1	0.44	-0.41	1.70	18.4	24.0
9,626.0	4.13	287.39	9,502.8	-647.2	-987.7	0.18	-0.16	1.11	11.9	23.8
9,720.0	3.43	322.87	9,596.6	-644.0	-992.6	2.55	-0.74	37.74	17.9	14.4
9,814.0	4.07	312.84	9,690.4	-639.5	-996.8	0.97	0.68	-10.67	9.0	16.8
9,908.0	1.16	321.23	9,784.3	-636.5	-999.8	3.11	-3.10	8.93	7.1	15.8
10,002.0	1.34	151.67	9,878.3	-636.7	-999.9	2.65	0.19	-180.38	-10.0	-14.4
10,096.0	1.33	184.88	9,972.2	-638.7	-999.5	0.81	-0.01	35.33	-18.3	-5.9
10,190.0	1.01	186.69	10,066.2	-640.6	-999.7	0.34	-0.34	1.93	-20.4	-5.3
10,283.0	1.35	200.97	10,159.2	-642.5	-1,000.2	0.48	0.37	15.35	-23.0	0.1
10,377.0	1.28	224.35	10,253.2	-644.3	-1,001.3	0.57	-0.07	24.87	-23.1	9.6



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)	
10,471.0	1.04	243.96	10,347.2	-645.4	-1,002.8	0.49	-0.26	20.86	-20.4	17.2	
10,565.0	0.38	269.14	10,441.2	-645.8	-1,003.9	0.76	-0.70	26.79	-12.2	24.6	
10,659.0	0.60	85.19	10,535.2	-645.7	-1,003.7	1.04	0.23	187.29	13.7	-23.7	
10,753.0	0.86	114.20	10,629.1	-646.0	-1,002.6	0.47	0.28	30.86	-0.6	-27.1	
10,814.0	3.83	40.92	10,690.1	-644.6	-1,000.8	6.03	4.87	-120.14	23.6	-8.8	
KOP, MD:10814.0', TVD:10690.1',N/S:-644.6', E/W:-1000.8', INC:3.83											
10,865.0	6.86	35.14	10,740.9	-640.8	-997.9	6.03	5.94	-11.33	20.9	-7.4	
10,960.0	19.90	20.30	10,833.1	-621.0	-989.0	14.08	13.73	-15.62	13.7	-8.2	
11,054.0	34.60	12.95	10,916.5	-579.7	-977.4	16.02	15.64	-7.82	-1.0	-14.9	
11,070.5	36.18	12.16	10,929.9	-570.4	-975.3	9.97	9.57	-4.79	-4.3	-16.5	
HL Crossing, MD:11070.5', TVD:10929.9',N/S:-570.4', E/W:-975.3', INC:36.18											
11,149.0	43.75	9.08	10,990.1	-520.8	-966.2	9.97	9.64	-3.92	-20.1	-24.2	
11,243.0	55.39	2.52	11,050.9	-449.8	-959.3	13.46	12.38	-6.98	-38.7	-33.0	
11,338.0	58.33	1.60	11,102.9	-370.3	-956.5	3.20	3.09	-0.97	-56.0	-36.2	
11,432.0	64.15	358.40	11,148.1	-288.0	-956.5	6.87	6.19	-3.40	-62.4	-38.3	
11,526.0	68.71	359.16	11,185.7	-201.9	-958.3	4.91	4.85	0.81	-61.4	-36.6	
11,619.0	72.05	358.42	11,216.9	-114.3	-960.2	3.67	3.59	-0.80	-49.4	-35.7	
11,713.0	81.35	357.17	11,238.5	-23.0	-963.7	9.98	9.89	-1.33	-32.1	-32.4	
11,807.0	87.01	356.25	11,248.0	70.3	-969.1	6.10	6.02	-0.98	-22.3	-27.4	
11,900.0	87.62	355.95	11,252.4	163.0	-975.4	0.73	0.66	-0.32	-17.5	-21.6	
11,995.0	87.89	355.93	11,256.1	257.7	-982.1	0.28	0.28	-0.02	-13.3	-15.5	
12,089.0	88.52	357.41	11,259.0	351.5	-987.6	1.71	0.67	1.57	-9.9	-10.7	
12,183.0	88.29	357.73	11,261.7	445.4	-991.6	0.42	-0.24	0.34	-6.9	-7.3	
12,277.0	91.04	357.53	11,262.2	539.3	-995.5	2.93	2.93	-0.21	-5.9	-4.0	
12,371.0	91.85	359.15	11,259.8	633.2	-998.2	1.93	0.86	1.72	-7.8	-1.9	
12,466.0	90.70	359.10	11,257.7	728.2	-999.6	1.21	-1.21	-0.05	-9.4	-1.1	
12,560.0	89.26	0.03	11,257.8	822.2	-1,000.4	1.82	-1.53	0.99	-8.9	-0.9	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
12,654.0	90.37	0.17	11,258.1	916.2	-1,000.2	1.19	1.18	0.15	-8.1	-1.7
12,748.0	89.80	359.82	11,257.9	1,010.2	-1,000.2	0.71	-0.61	-0.37	-7.8	-2.3
12,840.0	88.93	359.26	11,258.9	1,102.2	-1,000.9	1.12	-0.95	-0.61	-6.4	-2.2
12,935.0	89.70	359.19	11,260.1	1,197.1	-1,002.2	0.81	0.81	-0.07	-4.8	-1.5
13,029.0	86.91	358.15	11,262.9	1,291.1	-1,004.4	3.17	-2.97	-1.11	-1.5	0.1
13,123.0	85.94	358.65	11,268.7	1,384.8	-1,007.0	1.16	-1.03	0.53	4.8	2.1
13,218.0	87.35	357.94	11,274.3	1,479.6	-1,009.8	1.66	1.48	-0.75	10.8	4.3
13,312.0	88.02	357.46	11,278.1	1,573.5	-1,013.6	0.88	0.71	-0.51	15.1	7.5
13,405.0	90.60	359.55	11,279.2	1,666.4	-1,016.0	3.57	2.77	2.25	16.7	9.3
13,499.0	90.70	0.69	11,278.1	1,760.4	-1,015.8	1.22	0.11	1.21	16.1	8.5
13,592.0	90.44	2.04	11,277.2	1,853.4	-1,013.6	1.48	-0.28	1.45	15.6	5.7
13,687.0	91.07	1.73	11,276.0	1,948.3	-1,010.5	0.74	0.66	-0.33	14.8	1.9
13,781.0	92.65	2.66	11,272.9	2,042.2	-1,006.9	1.95	1.68	0.99	12.2	-2.3
13,876.0	91.85	3.77	11,269.2	2,137.0	-1,001.6	1.44	-0.84	1.17	9.0	-8.2
13,970.0	88.32	0.83	11,269.0	2,230.9	-997.8	4.89	-3.76	-3.13	9.3	-12.6
14,064.0	88.15	359.80	11,271.9	2,324.8	-997.3	1.11	-0.18	-1.10	12.6	-13.7
14,158.0	89.23	0.81	11,274.1	2,418.8	-996.8	1.57	1.15	1.07	15.3	-14.8
14,252.0	89.63	0.94	11,275.0	2,512.8	-995.4	0.45	0.43	0.14	16.7	-16.8
14,346.0	90.27	1.53	11,275.1	2,606.8	-993.3	0.93	0.68	0.63	17.2	-19.5
14,440.0	91.48	2.65	11,273.7	2,700.7	-989.9	1.75	1.29	1.19	16.3	-23.5
14,534.0	92.72	6.14	11,270.2	2,794.3	-982.7	3.94	1.32	3.71	13.5	-31.2
14,629.0	90.94	6.25	11,267.2	2,888.7	-972.5	1.88	-1.87	0.12	10.8	-42.1
14,723.0	87.45	0.21	11,268.5	2,982.5	-967.2	7.42	-3.71	-6.43	12.4	-48.1
14,817.0	87.72	355.97	11,272.5	3,076.4	-970.3	4.52	0.29	-4.51	17.0	-45.5
14,911.0	88.02	355.35	11,276.0	3,170.0	-977.4	0.73	0.32	-0.66	21.0	-39.0
15,004.0	87.92	355.60	11,279.3	3,262.7	-984.7	0.29	-0.11	0.27	24.7	-32.2
15,098.0	87.72	354.99	11,282.8	3,356.3	-992.4	0.68	-0.21	-0.65	28.7	-25.1



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)	
15,191.0	90.13	354.94	11,284.6	3,448.9	-1,000.6	2.59	2.59	-0.05	30.9	-17.6	
15,286.0	90.37	355.47	11,284.2	3,543.6	-1,008.5	0.61	0.25	0.56	30.9	-10.3	
15,380.0	92.35	355.89	11,281.9	3,637.3	-1,015.6	2.15	2.11	0.45	29.1	-3.8	
15,474.0	91.74	356.58	11,278.6	3,731.0	-1,021.8	0.98	-0.65	0.73	26.2	1.7	
15,568.0	91.74	356.15	11,275.7	3,824.8	-1,027.7	0.46	0.00	-0.46	23.8	7.1	
15,662.0	90.67	356.67	11,273.7	3,918.6	-1,033.6	1.27	-1.14	0.55	22.1	12.3	
15,756.0	89.73	357.43	11,273.4	4,012.4	-1,038.5	1.29	-1.00	0.81	22.1	16.6	
15,850.0	89.90	358.15	11,273.7	4,106.4	-1,042.1	0.79	0.18	0.77	22.7	19.6	
15,944.0	89.09	357.95	11,274.5	4,200.3	-1,045.3	0.89	-0.86	-0.21	23.9	22.2	
16,038.0	88.66	358.71	11,276.4	4,294.3	-1,048.0	0.93	-0.46	0.81	26.0	24.4	
16,132.0	88.59	0.02	11,278.6	4,388.2	-1,049.1	1.40	-0.07	1.39	28.6	24.8	
16,227.0	88.89	1.72	11,280.7	4,483.2	-1,047.6	1.82	0.32	1.79	31.0	22.7	
16,321.0	89.13	1.97	11,282.4	4,577.1	-1,044.6	0.37	0.26	0.27	32.9	19.1	
16,414.0	89.70	2.79	11,283.3	4,670.0	-1,040.7	1.07	0.61	0.88	34.2	14.6	
16,508.0	90.10	2.87	11,283.5	4,763.9	-1,036.1	0.43	0.43	0.09	34.7	9.4	
16,603.0	90.03	3.41	11,283.4	4,858.8	-1,030.9	0.57	-0.07	0.57	34.9	3.6	
16,697.0	89.87	2.50	11,283.5	4,952.6	-1,026.1	0.98	-0.17	-0.97	35.2	-1.9	
16,791.0	90.57	1.77	11,283.1	5,046.6	-1,022.6	1.08	0.74	-0.78	35.2	-6.0	
16,886.0	91.04	2.17	11,281.8	5,141.5	-1,019.3	0.65	0.49	0.42	34.2	-9.8	
16,980.0	91.95	2.83	11,279.3	5,235.4	-1,015.2	1.20	0.97	0.70	32.0	-14.5	
17,074.0	90.57	1.74	11,277.2	5,329.3	-1,011.4	1.87	-1.47	-1.16	30.3	-18.9	
17,168.0	90.34	1.96	11,276.5	5,423.2	-1,008.4	0.34	-0.24	0.23	29.9	-22.5	
17,263.0	89.23	359.68	11,276.8	5,518.2	-1,007.0	2.67	-1.17	-2.40	30.5	-24.5	
17,357.0	89.23	358.76	11,278.1	5,612.2	-1,008.3	0.98	0.00	-0.98	32.1	-23.9	
17,451.0	89.80	359.41	11,278.9	5,706.2	-1,009.8	0.92	0.61	0.69	33.2	-23.0	
17,545.0	88.99	358.59	11,279.9	5,800.2	-1,011.5	1.23	-0.86	-0.87	34.5	-21.9	
17,640.0	89.33	358.89	11,281.3	5,895.1	-1,013.6	0.48	0.36	0.32	36.2	-20.5	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
17,734.0	89.23	359.61	11,282.5	5,989.1	-1,014.8	0.77	-0.11	0.77	37.7	-19.8
17,828.0	89.23	359.77	11,283.7	6,083.1	-1,015.3	0.17	0.00	0.17	39.3	-19.9
17,922.0	89.26	0.01	11,285.0	6,177.1	-1,015.5	0.26	0.03	0.26	40.8	-20.3
18,016.0	90.13	0.74	11,285.5	6,271.1	-1,014.9	1.21	0.93	0.78	41.6	-21.6
18,110.0	90.60	0.67	11,284.9	6,365.1	-1,013.7	0.51	0.50	-0.07	41.3	-23.3
18,205.0	91.27	0.63	11,283.3	6,460.1	-1,012.6	0.71	0.71	-0.04	40.1	-25.0
18,299.0	92.38	1.34	11,280.3	6,554.0	-1,011.0	1.40	1.18	0.76	37.4	-27.2
18,393.0	90.60	359.08	11,277.9	6,648.0	-1,010.7	3.06	-1.89	-2.40	35.3	-28.2
18,487.0	90.57	358.54	11,276.9	6,741.9	-1,012.6	0.58	-0.03	-0.57	34.6	-26.8
18,581.0	91.07	358.52	11,275.6	6,835.9	-1,015.0	0.53	0.53	-0.02	33.6	-25.0
18,675.0	91.95	358.41	11,273.1	6,929.8	-1,017.5	0.94	0.94	-0.12	31.3	-23.1
18,769.0	93.45	358.46	11,268.7	7,023.7	-1,020.1	1.60	1.60	0.05	27.0	-21.2
18,863.0	93.49	357.97	11,263.0	7,117.5	-1,023.0	0.52	0.04	-0.52	21.5	-18.9
18,956.0	92.52	358.60	11,258.1	7,210.3	-1,025.8	1.24	-1.04	0.68	16.9	-16.7
19,050.0	91.21	359.59	11,255.1	7,304.2	-1,027.3	1.75	-1.39	1.05	14.0	-15.8
19,144.0	90.20	359.51	11,253.9	7,398.2	-1,028.0	1.08	-1.07	-0.09	13.1	-15.7
19,238.0	88.19	0.27	11,255.2	7,492.2	-1,028.2	2.29	-2.14	0.81	14.6	-16.1
19,331.0	87.48	0.17	11,258.7	7,585.1	-1,027.9	0.77	-0.76	-0.11	18.3	-17.1
19,424.0	87.31	0.23	11,263.0	7,678.0	-1,027.5	0.19	-0.18	0.06	22.7	-18.0
19,518.0	89.26	0.30	11,265.8	7,772.0	-1,027.1	2.08	2.07	0.07	25.7	-19.0
19,611.0	89.33	0.15	11,266.9	7,865.0	-1,026.7	0.18	0.08	-0.16	27.0	-20.0
19,705.0	90.70	0.23	11,266.9	7,959.0	-1,026.4	1.46	1.46	0.09	27.2	-20.9
19,799.0	88.49	359.74	11,267.6	8,053.0	-1,026.4	2.41	-2.35	-0.52	28.0	-21.5
19,893.0	87.79	357.58	11,270.6	8,146.9	-1,028.6	2.41	-0.74	-2.30	31.3	-19.9
19,987.0	88.63	357.32	11,273.5	8,240.7	-1,032.8	0.94	0.89	-0.28	34.4	-16.3
20,079.0	88.52	356.64	11,275.8	8,332.6	-1,037.7	0.75	-0.12	-0.74	36.9	-12.0
20,173.0	91.98	357.21	11,275.4	8,426.4	-1,042.7	3.73	3.68	0.61	36.7	-7.6



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #582H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3677.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 32' @ 3677.0usft
Well:	#582H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
20,267.0	92.65	358.01	11,271.6	8,520.3	-1,046.6	1.11	0.71	0.85	33.1	-4.3
20,362.0	90.87	358.14	11,268.7	8,615.2	-1,049.8	1.88	-1.87	0.14	30.3	-1.7
20,455.0	90.67	358.42	11,267.5	8,708.1	-1,052.6	0.37	-0.22	0.30	29.3	0.5
20,549.0	91.17	359.15	11,265.9	8,802.1	-1,054.6	0.94	0.53	0.78	28.0	1.9
20,643.0	90.24	0.19	11,264.8	8,896.1	-1,055.1	1.48	-0.99	1.11	27.0	1.8
20,736.0	89.26	359.34	11,265.2	8,989.1	-1,055.5	1.39	-1.05	-0.91	27.6	1.6
20,830.0	89.80	359.21	11,266.0	9,083.1	-1,056.7	0.59	0.57	-0.14	28.6	2.2
20,925.0	90.20	359.73	11,266.0	9,178.1	-1,057.6	0.69	0.42	0.55	28.8	2.4
21,017.0	90.54	359.77	11,265.4	9,270.1	-1,058.0	0.37	0.37	0.04	28.3	2.2
21,112.0	90.70	0.16	11,264.3	9,365.1	-1,058.1	0.44	0.17	0.41	27.5	1.7
21,206.0	90.67	0.18	11,263.2	9,459.0	-1,057.8	0.04	-0.03	0.02	26.6	0.8
21,300.0	90.54	0.71	11,262.2	9,553.0	-1,057.0	0.58	-0.14	0.56	25.8	-0.5
21,394.0	89.26	359.90	11,262.4	9,647.0	-1,056.5	1.61	-1.36	-0.86	26.1	-1.6
21,455.0	88.79	359.68	11,263.4	9,708.0	-1,056.8	0.85	-0.77	-0.36	27.3	-1.8
Final MWD Survey (MD=21455.0')										
21,517.0	88.79	359.68	11,264.7	9,770.0	-1,057.1	0.00	0.00	0.00	28.7	-1.9
Final Projection to Bit (MD=21517.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,814.0	10,690.1	-644.6	-1,000.8	KOP, MD:10814.0', TVD:10690.1', N/S:-644.6', E/W:-1000.8', INC:3.83
11,070.5	10,929.9	-570.4	-975.3	HL Crossing, MD:11070.5', TVD:10929.9', N/S:-570.4', E/W:-975.3', INC:36.18
21,455.0	11,263.4	9,708.0	-1,056.8	Final MWD Survey (MD=21455.0')
21,517.0	11,264.7	9,770.0	-1,057.1	Final Projection to Bit (MD=21517.0')

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF KAY MADDOX 11/11/2021

Checked By: _____	Approved By: _____	Date: _____
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Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <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					
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 FED COM		
								6. Well Number: 582H		
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 TRISTE DRAW; BONE SPRING (96603)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	03	24S	32E		657	SOUTH	1314	EAST	LEA
BH:	B	34	23S	32E		110	NORTH	2309	EAST	LEA
13. Date Spudded 03/23/2021	14. Date T.D. Reached 04/12/2021		15. Date Rig Released 04/14/2021			16. Date Completed (Ready to Produce) 10/25/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3645' GL		
18. Total Measured Depth of Well MD 21,517' TVD 11,264'			19. Plug Back Measured Depth MD 21,486' TVD 11,264'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING 11,650 - 21,486'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5# J-55		1288'		16"		1200 SXS CL C/CIRC		
9 5/8"		40# ECP 110		4912'		12 1/4"		1650 SXS CL C/CIRC		
5 1/2"		20# ECP 110		21,494'		8 1/2"		3200 SXS CL H TOC 3400' CBL		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) 11,650 - 21,486' 3 1/8", 2100 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,650 - 21,486'		FRAC W/24, 156,952 lbs proppant, 397,693 bbls load fld		
28. PRODUCTION										
Date First Production 10/25/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 11/02/2021	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 4897	Gas - MCF 8108	Water - Bbl. 5738	Gas - Oil Ratio 1656			
Flow Tubing Press.	Casing Pressure 1039	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 44				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Signature Kay Maddox Name Kay Maddox Title Senior Regulatory Specialist Date 11/16/2021 E-mail Address kay_maddox@eogresources.com										

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

Southeastern New Mexico			Northwestern New Mexico				
T. Anhy	Rustler	1145'	T. Canyon	Brushy	7138'	T. Ojo Alamo	T. Penn A"
T. Salt		1493'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4914'	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	9934'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,528'		T. Wingate	
T. Penn			T.			T. Chinle	
T. Cisco (Bough C)			T.			T. Permian	

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

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

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

From	To	Thickness In Feet	Lithology

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 62134

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 62134
	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

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District IV

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

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

CONDITIONS

Action 62134

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 62134
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
Ilowe	COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	6/16/2022