

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 5/24/2021	
⁴ API Number 30 - 025-47790	⁵ Pool Name RED HILLS; BONE SPRING, NORTH		⁶ Pool Code 96434
⁷ Property Code 329735	⁸ Property Name FALCON 25 FED COM		⁹ Well Number 602H

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
M	25	24S	33E		262'	SOUTH	79'	WEST	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
D	24	24S	33E		110'	NORTH	669'	WEST	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 01/30/2021	²² Ready Date 05/24/2021	²³ TD 23,127'	²⁴ PBTD 23,106'	²⁵ Perforations 12,790'-23,106'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8"	1,380'	685 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,837'	1480 SXS CL C/CIRC		
6 3/4"	5 1/2"	23,115'	1135 SXS CL H/CIRC		

V. Well Test Data

³¹ Date New Oil 5/24/2021	³² Gas Delivery Date 5/24/2021	³³ Test Date 6/1/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2410
³⁷ Choke Size 52	³⁸ Oil 3314	³⁹ Water 6612	⁴⁰ Gas 7853		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: <i>Kristina Agee</i>			OIL CONSERVATION DIVISION Approved by: KURT SIMMONS Title: NMOCD, SANTA FE Approval Date: 08/19/2021		
Printed name: Kristina Agee					
Title: SENIOR REGULATORY ADMINISTRATOR					
E-mail Address: kristina_agee@eogresources.com					
Date: 6/23/2021		Phone: 432-686-6996			

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47790	² Pool Code 96434	³ Pool Name Red Hills; Bone Spring, North
⁴ Property Code 329735	⁵ Property Name FALCON 25 FED COM	⁶ Well Number 602H
⁷ GRID No.	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3543'

¹⁰Surface Location

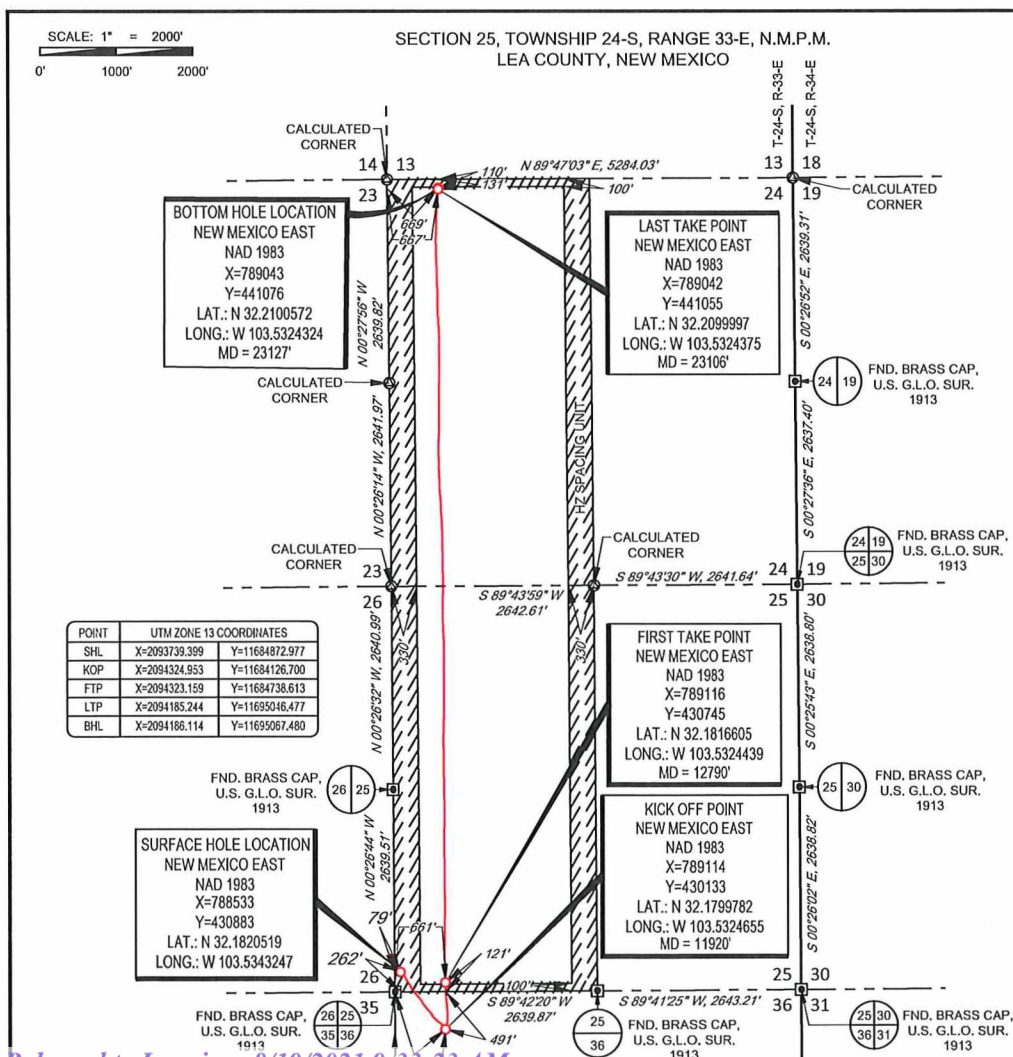
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	25	24-S	33-E	-	262'	SOUTH	79'	WEST	LEA

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
D	24	24-S	33-E	-	110'	NORTH	669'	WEST	LEA

¹² Dedicated Acres 640.00	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.

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or leased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kristina Agee 6/22/2021
Signature Date

Kristina Agee
Printed Name

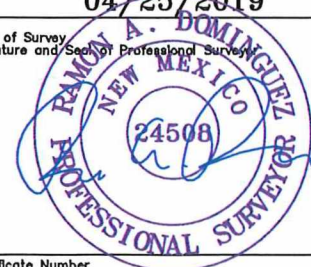
Kristina.agee@eogresources.com
E-mail Address

¹⁸SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

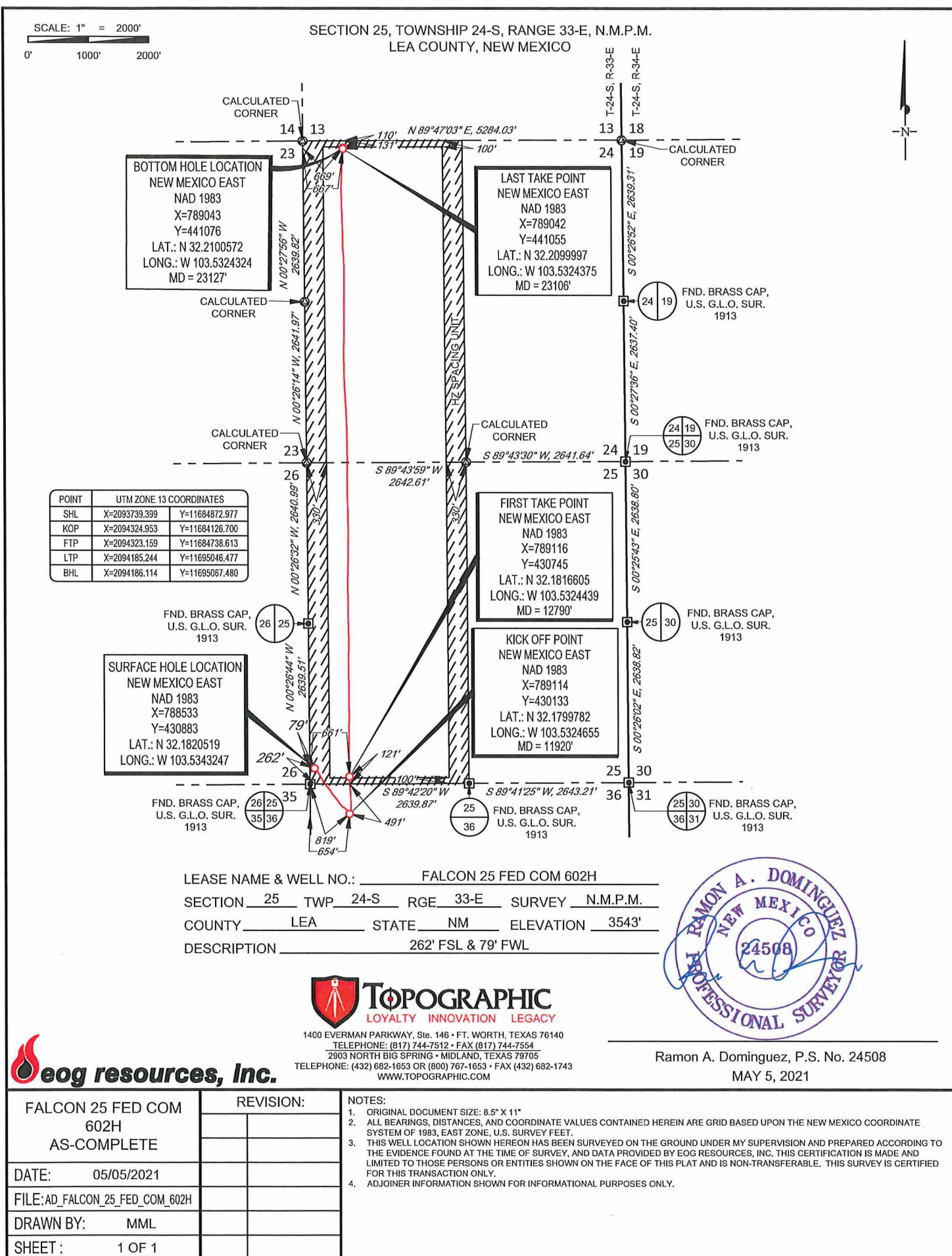
04/25/2019

Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number

D:\FALCON_25_FED_COM_602H.DWG 7/11/2019 3:46:53 PM rdominguez





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Falcon 25 Fed Com

#602H

OH

Design: OH

Final PVA

16 March, 2021



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #602H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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		Falcon 25 Fed Com			
Site Position:		Northing:		430,933.00 usft	
From:	Map	Easting:		790,755.00 usft	
Position Uncertainty:		Slot Radius:		13-3/16 "	
				Latitude:	
				32° 10' 55.716 N	
				Longitude:	
				103° 31' 37.717 W	
				Grid Convergence:	
				0.43 °	

Well		#602H				
Well Position	+N/-S	0.0 usft	Northing:	430,883.00 usft	Latitude:	32° 10' 55.385 N
	+E/-W	0.0 usft	Easting:	788,533.00 usft	Longitude:	103° 32' 3.575 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,543.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/31/2019	6.70	60.00	47,698.25863129

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	2.81

Survey Program		Date	3/16/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
175.0	23,127.0	SDI MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



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Well:	#602H	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	
175.0	0.44	214.61	175.0	-0.6	-0.4	0.25	0.25	0.00	-0.7	0.0	
205.0	0.30	197.52	205.0	-0.7	-0.5	0.59	-0.47	-56.97	-0.8	-0.2	
296.0	0.43	182.56	296.0	-1.3	-0.6	0.18	0.14	-16.44	-1.3	-0.5	
388.0	0.34	166.87	388.0	-1.9	-0.5	0.15	-0.10	-17.05	-1.7	-0.9	
480.0	0.60	159.89	480.0	-2.6	-0.3	0.29	0.28	-7.59	-2.4	-1.2	
570.0	0.69	150.16	570.0	-3.5	0.1	0.16	0.10	-10.81	-3.1	-1.6	
662.0	0.79	138.54	662.0	-4.5	0.8	0.20	0.11	-12.63	-3.9	-2.3	
758.0	0.74	134.47	758.0	-5.4	1.7	0.08	-0.05	-4.24	-5.0	-2.7	
853.0	0.72	114.77	853.0	-6.1	2.7	0.26	-0.02	-20.74	-5.0	-4.4	
948.0	0.81	117.21	948.0	-6.7	3.8	0.10	0.09	2.57	-6.5	-4.2	
1,043.0	0.90	96.54	1,042.9	-7.0	5.2	0.34	0.09	-21.76	-6.0	-6.4	
1,138.0	0.85	88.27	1,137.9	-7.1	6.6	0.14	-0.05	-8.71	-6.4	-7.3	
1,233.0	0.69	92.85	1,232.9	-7.1	7.9	0.18	-0.17	4.82	-8.2	-6.7	
1,322.0	0.44	80.12	1,321.9	-7.1	8.8	0.31	-0.28	-14.30	-7.4	-8.5	
1,423.0	0.61	113.21	1,422.9	-7.2	9.7	0.34	0.17	32.76	-11.6	-2.8	
1,518.0	3.29	131.29	1,517.9	-9.2	12.2	2.86	2.82	19.03	-12.8	1.5	
1,613.0	5.78	135.61	1,612.5	-14.4	17.6	2.64	2.62	4.55	-14.7	3.2	
1,708.0	7.51	137.84	1,706.9	-22.5	25.1	1.84	1.82	2.35	-16.9	4.5	
1,803.0	8.61	142.52	1,801.0	-32.7	33.6	1.35	1.16	4.93	-18.0	6.1	
1,898.0	9.89	144.57	1,894.7	-45.0	42.6	1.39	1.35	2.16	-18.1	6.1	
1,992.0	9.29	144.29	1,987.4	-57.7	51.7	0.64	-0.64	-0.30	-16.3	5.0	
2,087.0	11.05	148.82	2,080.9	-71.8	60.9	2.03	1.85	4.77	-14.6	4.5	
2,181.0	11.05	150.24	2,173.2	-87.3	70.1	0.29	0.00	1.51	-14.8	2.3	
2,276.0	10.77	149.27	2,266.5	-102.8	79.1	0.35	-0.29	-1.02	-14.9	-0.7	
2,371.0	10.21	148.75	2,359.9	-117.6	88.0	0.60	-0.59	-0.55	-14.2	-3.2	
2,466.0	11.32	149.47	2,453.2	-132.9	97.1	1.18	1.17	0.76	-14.0	-5.6	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #602H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)	
2,561.0	13.08	149.71	2,546.0	-150.2	107.3	1.85	1.85	0.25	-16.2	-8.1	
2,657.0	12.70	149.76	2,639.6	-168.7	118.1	0.40	-0.40	0.05	-19.6	-10.8	
2,752.0	12.26	148.56	2,732.4	-186.3	128.6	0.54	-0.46	-1.26	-21.9	-13.8	
2,847.0	11.77	147.93	2,825.3	-203.1	139.0	0.53	-0.52	-0.66	-23.6	-16.2	
2,941.0	11.38	146.52	2,917.4	-219.0	149.2	0.51	-0.41	-1.50	-24.2	-18.7	
3,036.0	11.24	146.12	3,010.5	-234.5	159.5	0.17	-0.15	-0.42	-24.7	-20.4	
3,131.0	11.11	146.11	3,103.7	-249.8	169.8	0.14	-0.14	-0.01	-25.0	-22.0	
3,225.0	10.93	144.81	3,196.0	-264.6	180.0	0.33	-0.19	-1.38	-24.6	-23.9	
3,320.0	10.42	143.11	3,289.4	-278.8	190.3	0.63	-0.54	-1.79	-23.4	-25.4	
3,414.0	10.20	141.32	3,381.9	-292.1	200.6	0.41	-0.23	-1.90	-21.4	-26.4	
3,509.0	10.11	137.97	3,475.4	-304.9	211.5	0.63	-0.09	-3.53	-18.5	-27.1	
3,603.0	9.90	136.45	3,567.9	-316.9	222.6	0.36	-0.22	-1.62	-16.2	-26.3	
3,698.0	10.43	137.00	3,661.4	-329.1	234.1	0.57	0.56	0.58	-15.1	-24.7	
3,793.0	10.87	138.54	3,754.8	-342.1	245.9	0.55	0.46	1.62	-15.2	-23.2	
3,887.0	9.93	140.13	3,847.3	-354.9	256.9	1.05	-1.00	1.69	-14.8	-22.2	
3,981.0	10.41	146.60	3,939.8	-368.2	266.8	1.32	0.51	6.88	-15.9	-21.2	
4,076.0	10.34	150.30	4,033.2	-382.8	275.7	0.71	-0.07	3.89	-16.4	-22.4	
4,171.0	9.69	154.42	4,126.8	-397.4	283.4	1.02	-0.68	4.34	-16.7	-24.7	
4,265.0	9.09	152.40	4,219.5	-411.1	290.3	0.73	-0.64	-2.15	-13.6	-29.0	
4,360.0	10.62	141.08	4,313.1	-424.6	299.3	2.59	1.61	-11.92	-5.6	-32.5	
4,455.0	9.18	139.58	4,406.7	-437.2	309.7	1.54	-1.52	-1.58	-3.0	-32.4	
4,549.0	8.98	141.60	4,499.5	-448.6	319.1	0.40	-0.21	2.15	-1.0	-32.1	
4,644.0	12.72	139.63	4,592.8	-462.4	330.5	3.96	3.94	-2.07	0.4	-31.9	
4,739.0	11.72	136.93	4,685.7	-477.4	343.8	1.21	-1.05	-2.84	-0.2	-30.9	
4,833.0	9.93	138.72	4,778.0	-490.5	355.7	1.94	-1.90	1.90	-0.9	-29.8	
4,928.0	11.50	140.65	4,871.3	-504.0	367.1	1.70	1.65	2.03	-1.4	-29.3	
5,023.0	13.19	139.01	4,964.1	-519.5	380.2	1.82	1.78	-1.73	-2.8	-28.9	



EOG Resources

Final PVA

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Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)
5,117.0	11.47	141.02	5,056.0	-534.9	393.1	1.89	-1.83	2.14	-6.0	-28.4
5,212.0	9.93	149.83	5,149.3	-549.3	403.2	2.36	-1.62	9.27	-9.8	-28.4
5,307.0	8.63	153.11	5,243.1	-562.7	410.5	1.48	-1.37	3.45	-8.9	-31.1
5,402.0	8.13	150.53	5,337.1	-574.9	417.1	0.66	-0.53	-2.72	-3.4	-34.7
5,497.0	10.63	142.74	5,430.8	-587.8	425.7	2.95	2.63	-8.20	4.0	-36.2
5,592.0	10.65	131.97	5,524.2	-600.6	437.5	2.09	0.02	-11.34	11.1	-33.6
5,686.0	10.91	131.96	5,616.5	-612.4	450.6	0.28	0.28	-0.01	11.2	-30.7
5,781.0	11.05	132.76	5,709.8	-624.6	464.0	0.22	0.15	0.84	10.7	-28.0
5,876.0	10.92	130.95	5,803.0	-636.6	477.4	0.39	-0.14	-1.91	11.3	-24.7
5,970.0	10.98	127.04	5,895.3	-647.9	491.3	0.79	0.06	-4.16	12.5	-20.1
6,065.0	11.48	125.77	5,988.5	-658.8	506.2	0.59	0.53	-1.34	11.9	-15.2
6,160.0	10.97	131.95	6,081.7	-670.4	520.6	1.37	-0.54	6.51	9.6	-12.5
6,255.0	10.99	134.05	6,174.9	-682.7	533.8	0.42	0.02	2.21	9.1	-10.2
6,349.0	9.99	127.64	6,267.4	-693.9	546.7	1.63	-1.06	-6.82	10.3	-6.0
6,444.0	8.16	120.13	6,361.2	-702.4	559.1	2.29	-1.93	-7.91	10.4	-0.1
6,540.0	6.49	114.83	6,456.4	-708.1	569.9	1.87	-1.74	-5.52	9.2	5.7
6,634.0	5.19	111.80	6,549.9	-711.9	578.7	1.42	-1.38	-3.22	7.1	10.3
6,729.0	3.50	101.21	6,644.6	-714.0	585.5	1.96	-1.78	-11.15	2.5	14.4
6,825.0	1.10	86.34	6,740.5	-714.5	589.3	2.56	-2.50	-15.49	-3.5	16.1
6,920.0	0.14	165.73	6,835.5	-714.6	590.2	1.14	-1.01	83.57	15.1	7.2
7,015.0	0.45	76.67	6,930.5	-714.6	590.6	0.49	0.33	-93.75	-7.3	15.1
7,110.0	0.38	51.84	7,025.5	-714.3	591.2	0.20	-0.07	-26.14	-13.6	10.5
7,204.0	0.51	66.24	7,119.5	-714.0	591.9	0.18	0.14	15.32	-11.3	13.6
7,299.0	0.47	96.97	7,214.5	-713.9	592.6	0.28	-0.04	32.35	-3.5	17.7
7,394.0	0.55	96.01	7,309.5	-714.0	593.5	0.08	0.08	-1.01	-4.7	17.6
7,490.0	1.03	79.97	7,405.5	-713.9	594.8	0.55	0.50	-16.71	-10.6	15.5
7,584.0	1.09	77.91	7,499.5	-713.5	596.5	0.08	0.06	-2.19	-12.9	15.1



EOG Resources

Final PVA

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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)	
7,679.0	1.03	96.00	7,594.5	-713.4	598.2	0.36	-0.06	19.04	-9.3	18.7	
7,774.0	1.15	106.61	7,689.5	-713.8	600.0	0.25	0.13	11.17	-7.5	20.2	
7,869.0	1.02	119.96	7,784.5	-714.5	601.6	0.30	-0.14	14.05	-4.4	21.6	
7,964.0	1.18	118.73	7,879.4	-715.4	603.2	0.17	0.17	-1.29	-6.7	21.5	
8,058.0	1.39	140.75	7,973.4	-716.7	604.8	0.57	0.22	23.43	-0.2	22.8	
8,153.0	1.55	149.84	8,068.4	-718.7	606.2	0.30	0.17	9.57	1.0	22.7	
8,248.0	1.63	173.53	8,163.3	-721.2	607.0	0.69	0.08	24.94	7.5	20.9	
8,342.0	1.99	214.19	8,257.3	-723.9	606.2	1.39	0.38	43.26	16.7	11.9	
8,437.0	2.04	210.30	8,352.2	-726.7	604.4	0.15	0.05	-4.09	12.5	12.9	
8,532.0	1.10	211.51	8,447.2	-728.9	603.1	0.99	-0.99	1.27	10.2	12.6	
8,627.0	1.22	220.74	8,542.2	-730.5	602.0	0.23	0.13	9.72	10.2	11.0	
8,722.0	0.86	214.01	8,637.2	-731.8	600.9	0.40	-0.38	-7.08	7.1	12.0	
8,817.0	0.61	216.89	8,732.2	-732.8	600.2	0.27	-0.26	3.03	6.5	11.6	
8,912.0	0.43	190.21	8,827.2	-733.6	599.8	0.31	-0.19	-28.08	-0.3	13.1	
9,007.0	0.59	214.09	8,922.2	-734.3	599.5	0.28	0.17	25.14	4.2	12.2	
9,101.0	0.56	187.00	9,016.2	-735.2	599.2	0.29	-0.03	-28.82	-2.7	12.6	
9,196.0	0.32	182.68	9,111.1	-735.9	599.1	0.25	-0.25	-4.55	-4.3	12.3	
9,291.0	0.20	104.13	9,206.1	-736.2	599.2	0.36	-0.13	-82.68	-13.1	-2.1	
9,386.0	0.37	73.42	9,301.1	-736.2	599.7	0.23	0.18	-32.33	-10.7	-8.6	
9,481.0	0.60	46.34	9,396.1	-735.7	600.3	0.34	0.24	-28.51	-6.4	-12.6	
9,575.0	0.65	70.71	9,490.1	-735.2	601.2	0.29	0.05	25.93	-12.0	-8.7	
9,670.0	1.10	91.15	9,585.1	-735.1	602.6	0.57	0.47	21.52	-15.7	-3.7	
9,765.0	1.40	115.96	9,680.1	-735.6	604.6	0.64	0.32	26.12	-17.8	3.6	
9,859.0	1.43	119.17	9,774.1	-736.7	606.6	0.09	0.03	3.41	-19.9	4.6	
9,954.0	1.77	198.62	9,869.0	-738.6	607.2	2.17	0.36	83.63	-0.8	21.6	
10,049.0	0.72	231.16	9,964.0	-740.4	606.3	1.29	-1.11	34.25	9.1	19.4	
10,144.0	0.46	201.99	10,059.0	-741.1	605.7	0.41	-0.27	-30.71	-2.4	21.1	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #602H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)	
10,239.0	0.11	227.28	10,154.0	-741.5	605.5	0.38	-0.37	26.62	6.4	20.3	
10,334.0	0.44	19.30	10,249.0	-741.3	605.5	0.57	0.35	160.02	3.6	-20.9	
10,429.0	0.79	49.70	10,344.0	-740.5	606.1	0.49	0.37	32.00	-8.5	-19.6	
10,524.0	1.56	329.57	10,439.0	-738.9	606.0	1.71	0.81	-84.35	16.5	-12.3	
10,619.0	1.92	316.82	10,534.0	-736.7	604.2	0.55	0.38	-13.42	15.9	-8.7	
10,713.0	2.05	326.79	10,627.9	-734.1	602.2	0.39	0.14	10.61	10.9	-11.0	
10,808.0	1.53	309.51	10,722.9	-731.9	600.3	0.78	-0.55	-18.19	10.8	-7.8	
10,903.0	1.39	294.82	10,817.8	-730.6	598.3	0.42	-0.15	-15.46	10.1	-5.1	
10,998.0	1.18	251.15	10,912.8	-730.4	596.3	1.03	-0.22	-45.97	9.0	2.5	
11,092.0	1.68	227.00	11,006.8	-731.7	594.4	0.82	0.53	-25.69	4.9	5.5	
11,187.0	2.41	199.32	11,101.7	-734.5	592.7	1.27	0.77	-29.14	-1.4	6.6	
11,282.0	3.19	208.84	11,196.6	-738.7	590.8	0.95	0.82	10.02	-4.9	7.0	
11,377.0	2.54	182.00	11,291.5	-743.1	589.4	1.55	-0.68	-28.25	-12.0	2.9	
11,471.0	2.24	188.83	11,385.4	-747.0	589.1	0.44	-0.32	7.27	-15.5	4.5	
11,566.0	1.18	214.31	11,480.4	-749.7	588.2	1.35	-1.12	26.82	-14.7	11.6	
11,661.0	0.76	256.22	11,575.3	-750.6	587.1	0.84	-0.44	44.12	-4.6	19.1	
11,755.0	1.50	278.08	11,669.3	-750.6	585.3	0.90	0.79	23.26	1.0	19.7	
11,783.0	1.76	263.94	11,697.3	-750.6	584.5	1.70	0.93	-50.50	-4.6	19.2	
11,889.0	1.63	273.35	11,803.3	-750.7	581.3	0.29	-0.12	8.88	-4.3	22.6	
11,920.0	2.00	352.55	11,834.3	-750.1	580.8	7.52	1.20	255.50	24.5	9.4	
KOP, MD:11920.0', TVD:11834.3', N/S:-750.1', E/W:580.8', INC:2.00											
11,984.0	6.42	23.58	11,898.1	-745.7	582.1	7.52	6.90	48.48	33.0	-8.9	
12,079.0	20.37	21.91	11,990.3	-725.4	590.5	14.69	14.68	-1.76	40.4	-18.8	
12,174.0	36.10	9.08	12,073.8	-682.1	601.1	17.66	16.56	-13.51	42.3	-20.6	
12,268.0	48.93	4.11	12,142.9	-619.2	608.1	14.10	13.65	-5.29	33.5	-24.1	
12,363.0	60.59	357.50	12,197.7	-541.8	608.8	13.51	12.27	-6.96	19.3	-23.1	
12,458.0	62.41	355.54	12,243.0	-458.5	603.7	2.64	1.92	-2.06	7.6	-18.6	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #602H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)
12,552.0	67.14	354.27	12,283.1	-373.8	596.2	5.18	5.03	-1.35	5.4	-11.8
12,648.0	84.39	356.66	12,306.6	-281.4	588.9	18.13	17.97	2.49	0.1	-5.5
12,742.0	89.56	358.19	12,311.6	-187.6	584.7	5.73	5.50	1.63	-7.6	-2.0
12,771.1	90.02	357.99	12,311.7	-158.6	583.7	1.73	1.59	-0.67	-8.3	-1.2
HL Crossing, MD:12771.1', TVD:12311.7', N/S:-158.6', E/W:583.7', INC:90.02										
12,837.0	91.07	357.55	12,311.0	-92.7	581.2	1.73	1.59	-0.67	-7.9	0.8
12,932.0	90.94	357.97	12,309.4	2.2	577.5	0.46	-0.14	0.44	-7.8	3.8
13,026.0	89.30	359.18	12,309.2	96.2	575.1	2.17	-1.74	1.29	-6.4	5.4
13,121.0	90.13	358.89	12,309.6	191.1	573.5	0.93	0.87	-0.31	-4.2	6.2
13,217.0	87.82	0.74	12,311.4	287.1	573.2	3.08	-2.41	1.93	-0.8	5.8
13,311.0	88.32	0.58	12,314.5	381.1	574.3	0.56	0.53	-0.17	4.1	4.0
13,406.0	89.09	0.45	12,316.7	476.0	575.2	0.82	0.81	-0.14	7.9	2.4
13,501.0	90.00	0.50	12,317.4	571.0	575.9	0.96	0.96	0.05	10.4	0.8
13,596.0	90.37	0.44	12,317.1	666.0	576.7	0.39	0.39	-0.06	11.7	-0.7
13,691.0	92.35	1.45	12,314.9	761.0	578.3	2.34	2.08	1.06	11.2	-3.0
13,785.0	91.71	0.36	12,311.5	854.9	579.8	1.34	-0.68	-1.16	9.5	-5.2
13,880.0	89.40	358.70	12,310.6	949.9	579.0	2.99	-2.43	-1.75	10.3	-5.2
13,975.0	90.54	359.33	12,310.7	1,044.9	577.4	1.37	1.20	0.66	12.0	-4.3
14,070.0	91.82	359.38	12,308.7	1,139.8	576.3	1.35	1.35	0.05	11.8	-4.0
14,164.0	91.24	0.14	12,306.2	1,233.8	575.9	1.02	-0.62	0.81	10.9	-4.3
14,281.0	88.76	359.25	12,306.2	1,350.8	575.3	2.25	-2.12	-0.76	13.0	-4.6
14,376.0	88.46	359.36	12,308.5	1,445.8	574.1	0.34	-0.32	0.12	17.0	-4.2
14,471.0	89.02	0.18	12,310.6	1,540.7	573.7	1.05	0.59	0.86	20.8	-4.6
14,565.0	89.50	359.47	12,311.8	1,634.7	573.5	0.91	0.51	-0.76	23.7	-5.1
14,660.0	89.66	359.91	12,312.5	1,729.7	572.9	0.49	0.17	0.46	26.0	-5.3
14,755.0	90.60	0.06	12,312.3	1,824.7	572.9	1.00	0.99	0.16	27.5	-6.0
14,850.0	89.06	1.52	12,312.6	1,919.7	574.2	2.23	-1.62	1.54	29.5	-8.1



EOG Resources

Final PVA

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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)
14,945.0	88.93	0.38	12,314.2	2,014.7	575.8	1.21	-0.14	-1.20	32.9	-10.4
15,040.0	89.80	0.48	12,315.3	2,109.7	576.5	0.92	0.92	0.11	35.6	-11.8
15,135.0	89.40	359.05	12,316.0	2,204.7	576.1	1.56	-0.42	-1.51	37.9	-12.2
15,229.0	89.53	358.30	12,316.8	2,298.6	573.9	0.81	0.14	-0.80	40.5	-10.8
15,324.0	91.65	358.12	12,315.9	2,393.6	571.0	2.24	2.23	-0.19	41.2	-8.6
15,419.0	92.69	359.46	12,312.3	2,488.5	569.0	1.78	1.09	1.41	39.3	-7.3
15,513.0	92.49	358.48	12,308.0	2,582.4	567.3	1.06	-0.21	-1.04	36.7	-6.4
15,609.0	91.14	359.69	12,305.0	2,678.3	565.8	1.89	-1.41	1.26	35.4	-5.6
15,704.0	91.41	359.64	12,302.9	2,773.3	565.2	0.29	0.28	-0.05	35.0	-5.8
15,800.0	92.28	359.41	12,299.8	2,869.2	564.4	0.94	0.91	-0.24	33.6	-5.7
15,894.0	91.35	359.83	12,296.8	2,963.2	563.8	1.09	-0.99	0.45	32.3	-5.8
15,989.0	89.19	0.05	12,296.3	3,058.2	563.7	2.29	-2.27	0.23	33.5	-6.5
16,084.0	89.60	1.03	12,297.3	3,153.2	564.6	1.12	0.43	1.03	36.2	-8.1
16,179.0	90.00	1.57	12,297.7	3,248.1	566.7	0.71	0.42	0.57	38.2	-11.0
16,274.0	87.41	1.76	12,299.8	3,343.1	569.5	2.73	-2.73	0.20	42.1	-14.5
16,369.0	85.82	359.30	12,305.4	3,437.9	570.4	3.08	-1.67	-2.59	49.4	-16.2
16,464.0	90.88	0.13	12,308.2	3,532.8	569.9	5.40	5.33	0.87	53.8	-16.4
16,558.0	90.97	0.49	12,306.6	3,626.8	570.4	0.39	0.10	0.38	54.0	-17.7
16,653.0	91.34	0.55	12,304.7	3,721.8	571.3	0.39	0.39	0.06	53.7	-19.3
16,748.0	92.44	0.62	12,301.6	3,816.7	572.2	1.16	1.16	0.07	52.3	-21.0
16,843.0	91.54	359.22	12,298.3	3,911.7	572.1	1.75	-0.95	-1.47	50.7	-21.6
16,938.0	92.35	359.49	12,295.1	4,006.6	571.0	0.90	0.85	0.28	49.1	-21.3
17,033.0	89.40	359.75	12,293.6	4,101.6	570.4	3.12	-3.11	0.27	49.4	-21.4
17,127.0	88.21	359.75	12,295.6	4,195.5	570.0	1.27	-1.27	0.00	53.0	-21.8
17,222.0	90.54	357.81	12,296.6	4,290.5	568.0	3.19	2.45	-2.04	55.7	-20.5
17,317.0	91.34	358.11	12,295.1	4,385.4	564.6	0.90	0.84	0.32	56.0	-17.9
17,412.0	92.41	358.65	12,292.0	4,480.3	561.9	1.26	1.13	0.57	54.9	-15.9



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #602H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)	
17,507.0	91.45	358.70	12,288.8	4,575.3	559.7	1.01	-1.01	0.05	53.7	-14.5	
17,601.0	92.29	0.40	12,285.7	4,669.2	559.0	2.02	0.89	1.81	52.6	-14.4	
17,696.0	90.97	359.91	12,283.0	4,764.2	559.2	1.48	-1.39	-0.52	51.9	-15.4	
17,791.0	91.61	0.73	12,280.8	4,859.1	559.8	1.09	0.67	0.86	51.8	-16.7	
17,886.0	90.34	0.52	12,279.2	4,954.1	560.8	1.35	-1.34	-0.22	52.2	-18.5	
17,981.0	90.77	0.45	12,278.3	5,049.1	561.6	0.46	0.45	-0.07	53.2	-20.0	
18,076.0	90.07	358.85	12,277.6	5,144.1	561.0	1.84	-0.74	-1.68	54.5	-20.2	
18,171.0	90.17	359.33	12,277.4	5,239.1	559.5	0.52	0.11	0.51	56.3	-19.5	
18,265.0	91.85	359.78	12,275.8	5,333.1	558.8	1.85	1.79	0.48	56.7	-19.5	
18,368.0	89.40	359.36	12,274.6	5,436.0	558.0	2.41	-2.38	-0.41	57.7	-19.5	
18,462.0	90.77	358.79	12,274.5	5,530.0	556.5	1.58	1.46	-0.61	59.6	-18.7	
18,557.0	90.97	358.60	12,273.0	5,625.0	554.3	0.29	0.21	-0.20	60.1	-17.3	
18,652.0	90.00	357.47	12,272.2	5,719.9	551.1	1.57	-1.02	-1.19	61.3	-14.8	
18,747.0	91.11	358.49	12,271.3	5,814.9	547.7	1.59	1.17	1.07	62.4	-12.2	
18,842.0	90.81	358.61	12,269.7	5,909.8	545.3	0.34	-0.32	0.13	62.8	-10.6	
18,937.0	88.56	355.72	12,270.3	6,004.7	540.6	3.86	-2.37	-3.04	65.3	-6.7	
19,031.0	88.82	358.13	12,272.4	6,098.5	535.6	2.58	0.28	2.56	69.5	-2.3	
19,126.0	89.09	355.23	12,274.1	6,193.3	530.1	3.07	0.28	-3.05	73.2	2.3	
19,221.0	90.84	357.24	12,274.2	6,288.1	523.8	2.81	1.84	2.12	75.6	7.9	
19,316.0	91.78	357.73	12,272.0	6,383.0	519.7	1.12	0.99	0.52	76.1	11.3	
19,411.0	91.54	358.02	12,269.3	6,477.9	516.2	0.40	-0.25	0.31	76.1	14.1	
19,506.0	91.14	358.85	12,267.1	6,572.8	513.6	0.97	-0.42	0.87	76.6	16.0	
19,601.0	88.76	358.99	12,267.1	6,667.8	511.8	2.51	-2.51	0.15	79.4	17.0	
19,696.0	89.06	359.26	12,268.9	6,762.8	510.3	0.42	0.32	0.28	83.9	17.8	
19,790.0	89.76	0.34	12,269.9	6,856.8	510.0	1.37	0.74	1.15	87.6	17.4	
19,885.0	92.01	2.27	12,268.4	6,951.7	512.2	3.12	2.37	2.03	88.9	14.5	
19,980.0	92.15	0.42	12,265.0	7,046.6	514.4	1.95	0.15	-1.95	88.2	11.5	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #602H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)	
20,075.0	94.53	0.33	12,259.5	7,141.5	515.0	2.51	2.51	-0.09	85.3	10.1	
20,170.0	94.24	0.59	12,252.2	7,236.2	515.8	0.41	-0.31	0.27	80.8	8.6	
20,264.0	90.03	359.40	12,248.7	7,330.1	515.8	4.65	-4.48	-1.27	80.0	7.9	
20,359.0	88.76	359.73	12,249.7	7,425.1	515.0	1.38	-1.34	0.35	83.7	7.8	
20,454.0	90.03	0.61	12,250.7	7,520.1	515.3	1.63	1.34	0.93	87.5	6.8	
20,549.0	89.83	0.49	12,250.8	7,615.1	516.2	0.25	-0.21	-0.13	90.3	5.2	
20,644.0	89.06	1.29	12,251.7	7,710.1	517.7	1.17	-0.81	0.84	94.7	3.0	
20,739.0	89.53	0.21	12,252.9	7,805.0	518.9	1.24	0.49	-1.14	99.9	1.0	
20,834.0	90.64	0.59	12,252.8	7,900.0	519.6	1.23	1.17	0.40	103.7	-0.4	
20,928.0	91.07	1.44	12,251.4	7,994.0	521.3	1.01	0.46	0.90	106.2	-2.7	
21,023.0	91.01	359.16	12,249.6	8,089.0	521.8	2.40	-0.06	-2.40	108.4	-4.2	
21,118.0	91.98	359.52	12,247.2	8,183.9	520.7	1.09	1.02	0.38	109.9	-3.8	
21,213.0	90.71	359.46	12,244.9	8,278.9	519.8	1.34	-1.34	-0.06	111.6	-3.7	
21,307.0	88.69	356.18	12,245.4	8,372.8	516.3	4.10	-2.15	-3.49	116.0	-1.1	
21,402.0	87.96	354.74	12,248.2	8,467.5	508.7	1.70	-0.77	-1.52	122.8	5.5	
21,497.0	88.82	358.22	12,250.9	8,562.3	502.9	3.77	0.91	3.66	129.4	10.9	
21,592.0	89.70	358.67	12,252.1	8,657.2	500.3	1.04	0.93	0.47	134.7	12.8	
21,686.0	90.67	358.92	12,251.8	8,751.2	498.4	1.07	1.03	0.27	138.8	14.0	
21,781.0	91.78	0.01	12,249.8	8,846.2	497.5	1.64	1.17	1.15	141.1	14.3	
21,876.0	91.17	358.62	12,247.3	8,941.1	496.3	1.60	-0.64	-1.46	143.0	14.5	
21,971.0	91.11	358.52	12,245.4	9,036.1	494.0	0.12	-0.06	-0.11	145.5	16.1	
22,066.0	89.90	357.83	12,244.6	9,131.0	490.9	1.47	-1.27	-0.73	149.0	18.3	
22,161.0	91.74	357.04	12,243.2	9,225.9	486.7	2.11	1.94	-0.83	152.1	21.7	
22,256.0	91.14	358.78	12,240.8	9,320.8	483.2	1.94	-0.63	1.83	154.0	24.6	
22,351.0	91.51	359.03	12,238.6	9,415.8	481.4	0.47	0.39	0.26	156.2	25.7	
22,445.0	89.30	359.68	12,238.0	9,509.8	480.4	2.45	-2.35	0.69	160.0	26.2	
22,540.0	89.29	1.93	12,239.1	9,604.7	481.7	2.37	-0.01	2.37	167.0	24.5	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #602H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3568.0usft
Site:	Falcon 25 Fed Com	MD Reference:	KB = 25 @ 3568.0usft
Well:	#602H	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)
22,635.0	89.19	2.52	12,240.4	9,699.6	485.4	0.63	-0.11	0.62	174.2	20.2
22,731.0	88.86	1.54	12,242.0	9,795.6	488.8	1.08	-0.34	-1.02	181.8	15.9
22,826.0	91.27	2.19	12,241.9	9,890.5	491.9	2.63	2.54	0.68	187.6	12.1
22,921.0	92.62	3.02	12,238.7	9,985.4	496.2	1.67	1.42	0.87	190.3	7.3
23,017.0	93.80	3.95	12,233.3	10,081.0	502.0	1.56	1.23	0.97	191.0	0.9
23,061.0	93.96	3.86	12,230.4	10,124.8	505.0	0.42	0.36	-0.20	190.7	-2.5
Final MWD Survey (MD=23061.0')										
23,127.0	93.96	3.86	12,225.8	10,190.5	509.4	0.00	0.00	0.00	190.3	-7.4
Final Projection to Bit (MD=23127.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,920.0	11,834.3	-750.1	580.8	KOP, MD:11920.0', TVD:11834.3', N/S:-750.1', E/W:580.8', INC:2.00
12,771.1	12,311.7	-158.6	583.7	HL Crossing, MD:12771.1', TVD:12311.7', N/S:-158.6', E/W:583.7', INC:90.02
23,061.0	12,230.4	10,124.8	505.0	Final MWD Survey (MD=23061.0')
23,127.0	12,225.8	10,190.5	509.4	Final Projection to Bit (MD=23127.0')

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)

Falcon 25 Fed Com #602H

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: #602H

KB = 25 @ 3568.0usft
Northing 430883.00 Easting 788533.00 Latitude 32° 10' 55.385 N Longitude 103° 32' 3.575 W

Azimuths to Grid North
True North: -0.43°
Magnetic North: 6.28°
Magnetic Field
Strength: 47698.3nT
Dip Angle: 60.00°
Date: 7/31/2019
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.28°
To convert a Magnetic Direction to a True Direction, Add 6.70° East
To convert a True Direction to a Grid Direction, Subtract 0.43°

SECTION DETAILS

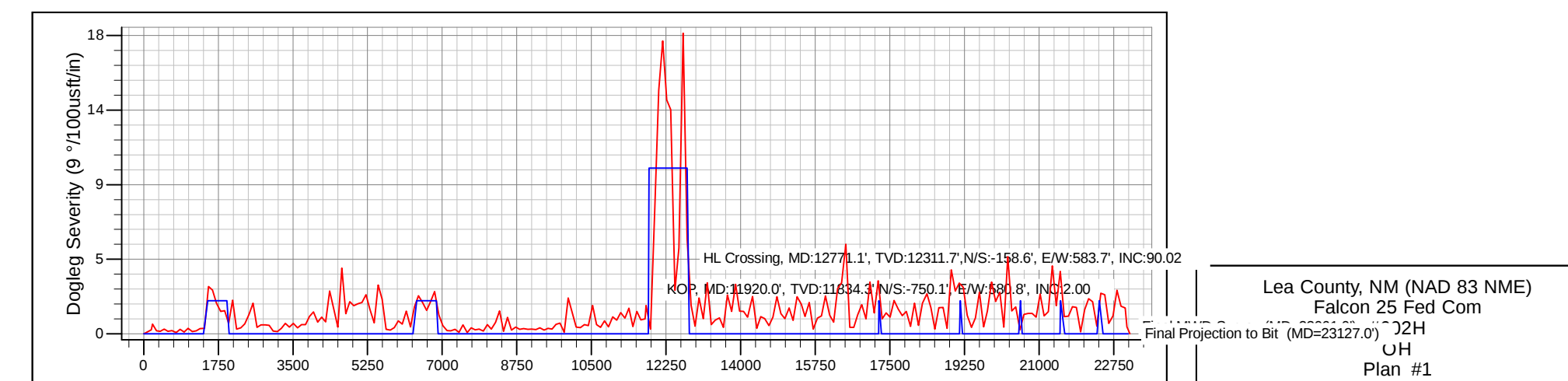
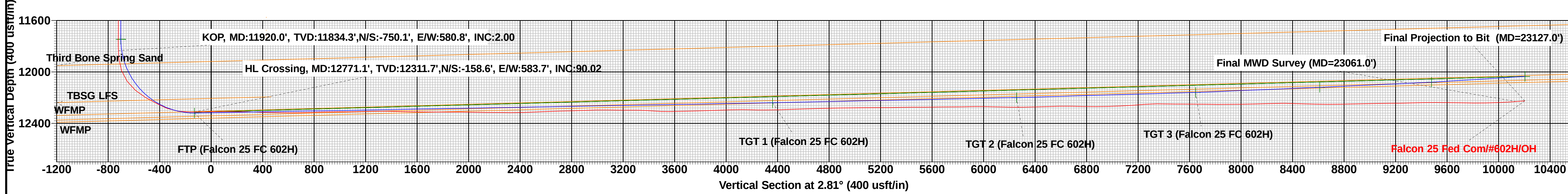
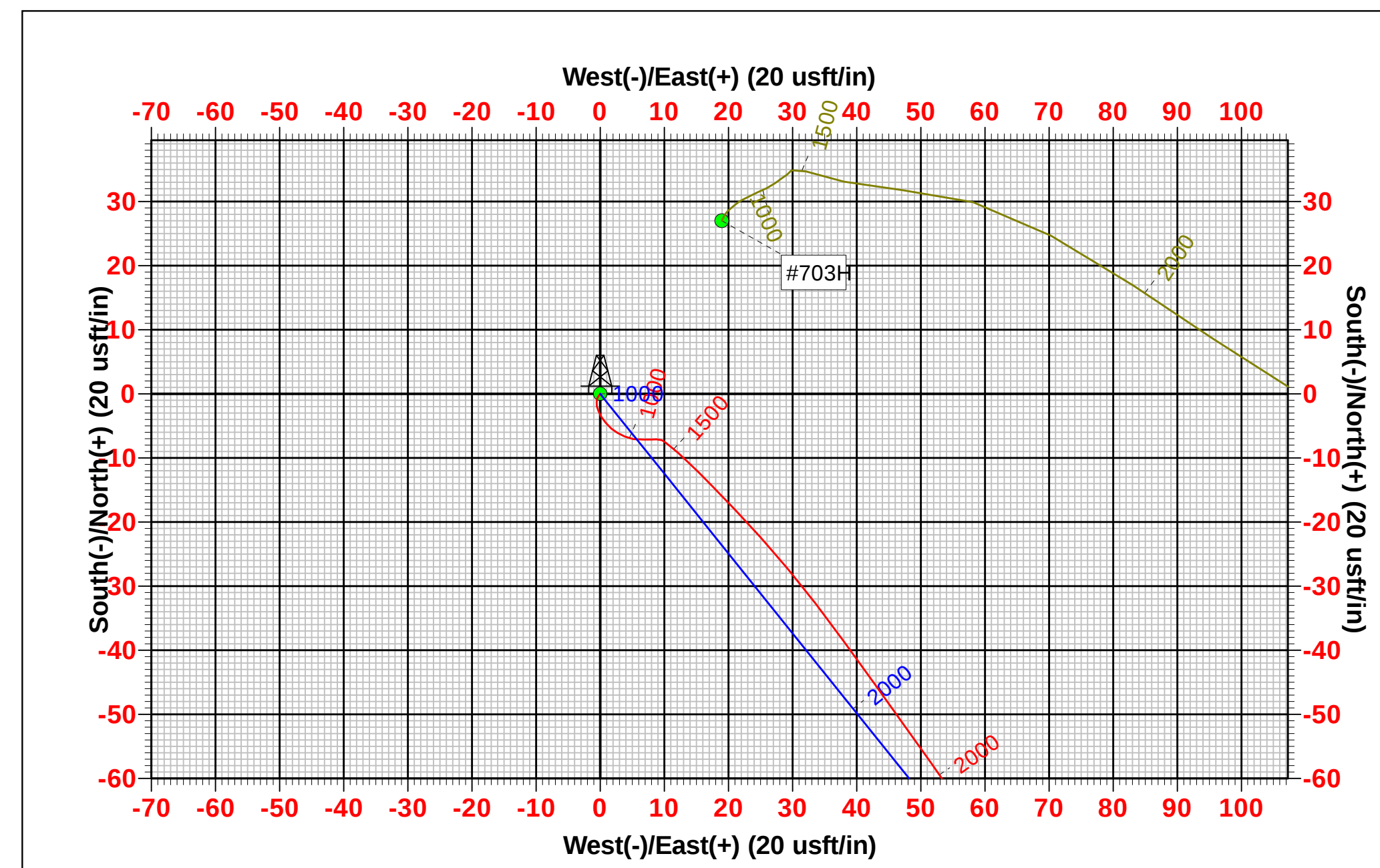
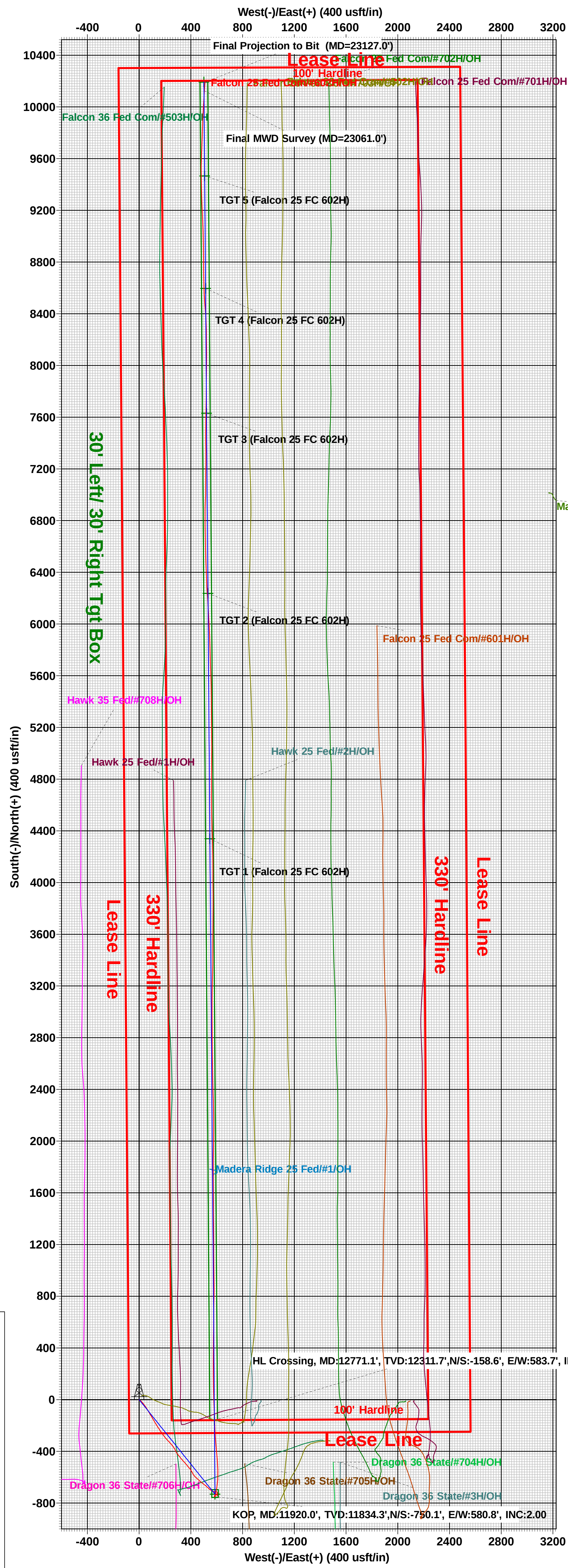
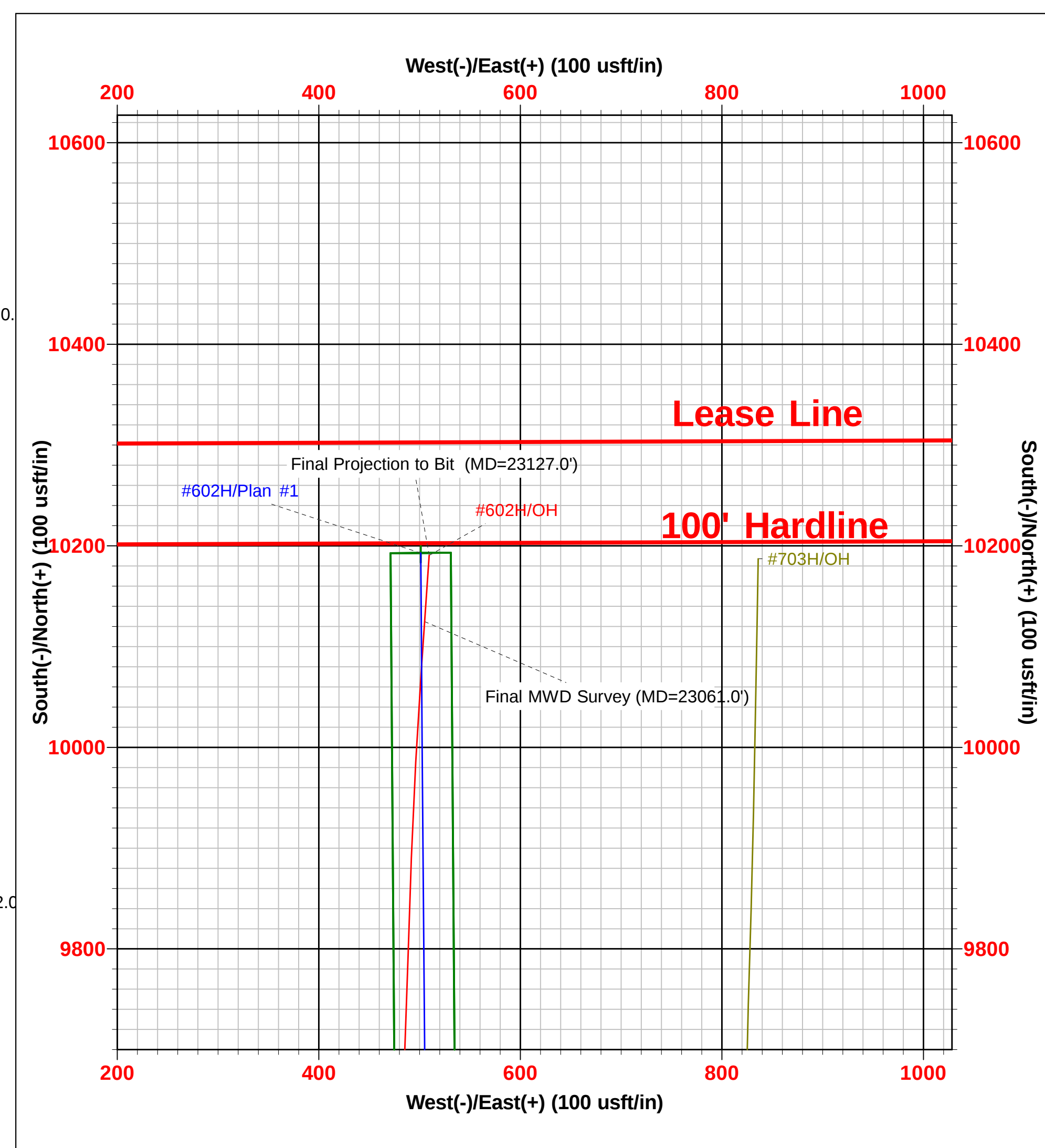
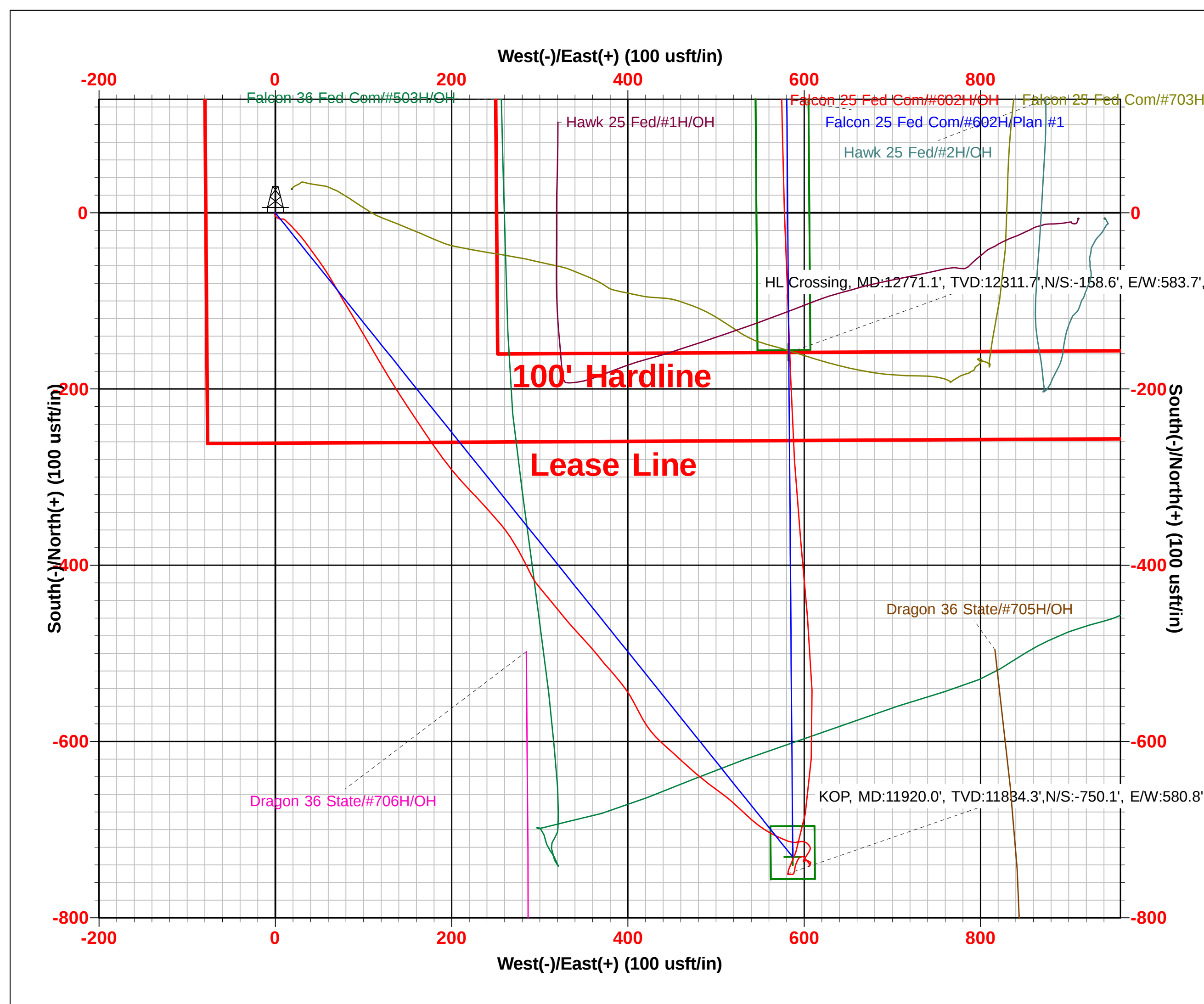
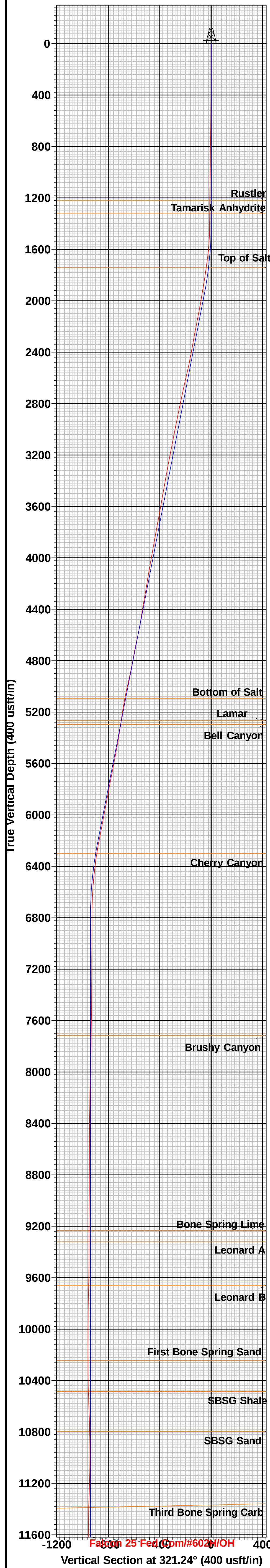
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1950.0	11.00	141.24	1946.6	-41.0	33.0	2.00	141.24	-39.4	
4	6311.9	11.00	141.24	6228.4	-690.0	554.0	0.00	0.00	-661.9	
5	6861.9	0.00	0.00	6775.0	-731.0	587.0	2.00	180.00	-701.3	
6	11833.9	0.00	0.00	11747.0	-731.0	587.0	0.00	0.00	-701.3	KOP (Falcon 25 FC 602H)
7	12744.1	91.02	359.55	12319.9	-147.9	582.4	10.00	359.55	-119.1	
8	17232.2	91.02	359.55	12240.0	4339.4	547.1	0.00	0.00	4361.0	TGT 1 (Falcon 25 FC 602H)
9	17241.6	91.21	359.55	12239.8	4348.8	547.1	2.00	0.00	4370.4	
10	19130.7	91.21	359.55	12200.5	6237.4	532.2	0.00	0.00	6256.0	TGT 2 (Falcon 25 FC 602H)
11	19152.7	91.65	359.55	12199.5	6259.4	532.0	2.00	0.00	6278.0	
12	20524.5	91.65	359.55	12160.0	7630.6	521.2	0.00	0.00	7647.0	TGT 3 (Falcon 25 FC 602H)
13	20561.4	92.39	359.55	12158.7	7667.5	521.0	2.00	0.00	7683.8	
14	21490.8	92.39	359.55	12120.0	8596.1	513.7	0.00	0.00	8611.0	TGT 4 (Falcon 25 FC 602H)
15	21503.2	92.63	359.55	12119.5	8608.4	513.6	2.00	0.00	8623.2	
16	22362.2	92.63	359.55	12080.0	9466.5	506.8	0.00	0.00	9480.0	TGT 5 (Falcon 25 FC 602H)
17	22409.3	93.57	359.55	12077.5	9513.5	506.4	2.00	0.00	9526.9	
18	23090.1	93.57	359.55	12035.0	10193.0	501.1	0.00	0.00	10205.3	PBHL (Falcon 25 FC 602H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Falcon 25 FC 602H)	11747.0	-731.0	587.0	430152.00	789120.00
PBHL (Falcon 25 FC 602H)	12035.0	10193.0	501.1	441076.00	789034.10
TGT 5 (Falcon 25 FC 602H)	12080.0	9466.5	506.8	440349.50	789039.81
TGT 4 (Falcon 25 FC 602H)	12120.0	8596.1	513.7	439479.10	789046.66
TGT 3 (Falcon 25 FC 602H)	12160.0	7630.6	521.2	438513.60	789054.25
TGT 2 (Falcon 25 FC 602H)	12200.0	6237.4	532.2	437120.40	789065.20
TGT 1 (Falcon 25 FC 602H)	12240.0	4339.4	547.1	435222.40	789080.13
FTP (Falcon 25 FC 602H)	12320.0	-158.0	582.0	430725.00	789115.00



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

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 FALCON 25 FED COM										
								6. Well Number: 602H										
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 RED HILLS; BONE SPRING, NORTH											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	M	25	24S	33E		262'	SOUTH	79'	WEST	LEA								
BH:	D	24	24S	33E		110'	NORTH	669'	WEST	LEA								
13. Date Spudded 1/30/2021	14. Date T.D. Reached 3/3/2021		15. Date Rig Released 3/5/2021		16. Date Completed (Ready to Produce) 5/24/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3543GL										
18. Total Measured Depth of Well MD 23,127' TVD 12,225'			19. Plug Back Measured Depth MD 23,106' TVD 12,230'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run None										
22. Producing Interval(s), of this completion - Top, Bottom, Name SANDBAR BONESPRING - 10,797-18,243"																		
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"		54.4# J-55		1,380'		12 1/4"		685 CL C/CIRC										
7 5/8"		40# J-55		11,837'		8 3/4"		1480 H/CIRC										
5 1/2"		20# HCP 110		23,115'		6 3/4"		1135 CL H/CIRC										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET											
26. Perforation record (interval, size, and number) 12,790'-23,106' 3 1/8", 2097 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DEPTH INTERVAL</td> <td>AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td>12,790'-23,106'</td> <td>FRAC W/25,700,214 lbs proppant, 438,389 bbls load fld</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	12,790'-23,106'	FRAC W/25,700,214 lbs proppant, 438,389 bbls load fld				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
12,790'-23,106'	FRAC W/25,700,214 lbs proppant, 438,389 bbls load fld																	
28. PRODUCTION																		
Date First Production 5/24/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 6/1/2021	Hours Tested 24	Choke Size 52	Prod'n For Test Period	Oil - Bbl 3314	Gas - MCF 6612	Water - Bbl. 7853	Gas - Oil Ratio 1995											
Flow Tubing Press.	Casing Pressure 2410	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 54												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) 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 Signature <i>Kristina Agee</i> Printed Name Kristina Agee E-mail Address kristina_agee@eogresources.com Title Senior Regulatory Administrator Date 6/23/2021																		

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	1222'	T. Canyon	Brushy 7,717'
T. Salt		1,743'	T. Strawn	
B. Salt		5,093'	T. Atoka	
T. Yates			T. Miss	
T. 7 Rivers			T. Devonian	
T. Queen			T. Silurian	
T. Grayburg			T. Montoya	
T. San Andres			T. Simpson	
T. Glorieta			T. McKee	
T. Paddock			T. Ellenburger	
T. Blinebry			T. Gr. Wash	
T. Tubb			T. Delaware Sand	
T. Drinkard			T. Bone Springs	
T. Abo			T. 1st BS Sand	10,245'
T. Wolfcamp			T. 2nd BS Sand	10,796'
T. Penn			T. 3rd BS Sand	11,938'
T. Cisco (Bough C)			T.	
			T. Ojo Alamo	
			T. Kirtland	
			T. Fruitland	
			T. Pictured Cliffs	
			T. Cliff House	
			T. Menefee	
			T. Point Lookout	
			T. Mancos	
			T. Gallup	
			T. Base Greenhorn	
			T. Dakota	
			T. Morrison	
			T. Todilto	
			T. Entrada	
			T. Wingate	
			T. Chinle	
			T. Permian	
			T. Penn A"	
			T. Penn. "B"	
			T. Penn. "C"	
			T. Penn. "D"	
			T. Leadville	
			T. Madison	
			T. Elbert	
			T. McCracken	
			T. Ignacio Otzte	
			T. Granite	

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 33492

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 33492
	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 33492

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 33492
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/19/2021