

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 30-025-46620	² Pool Code 98180	³ Pool Name WC025 G09 S253309P; UPPER WOLFCAMP KZ
⁴ Property Code 324978	⁵ Property Name DAUNTLESS 7 FED	⁶ Well Number #713H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3491'

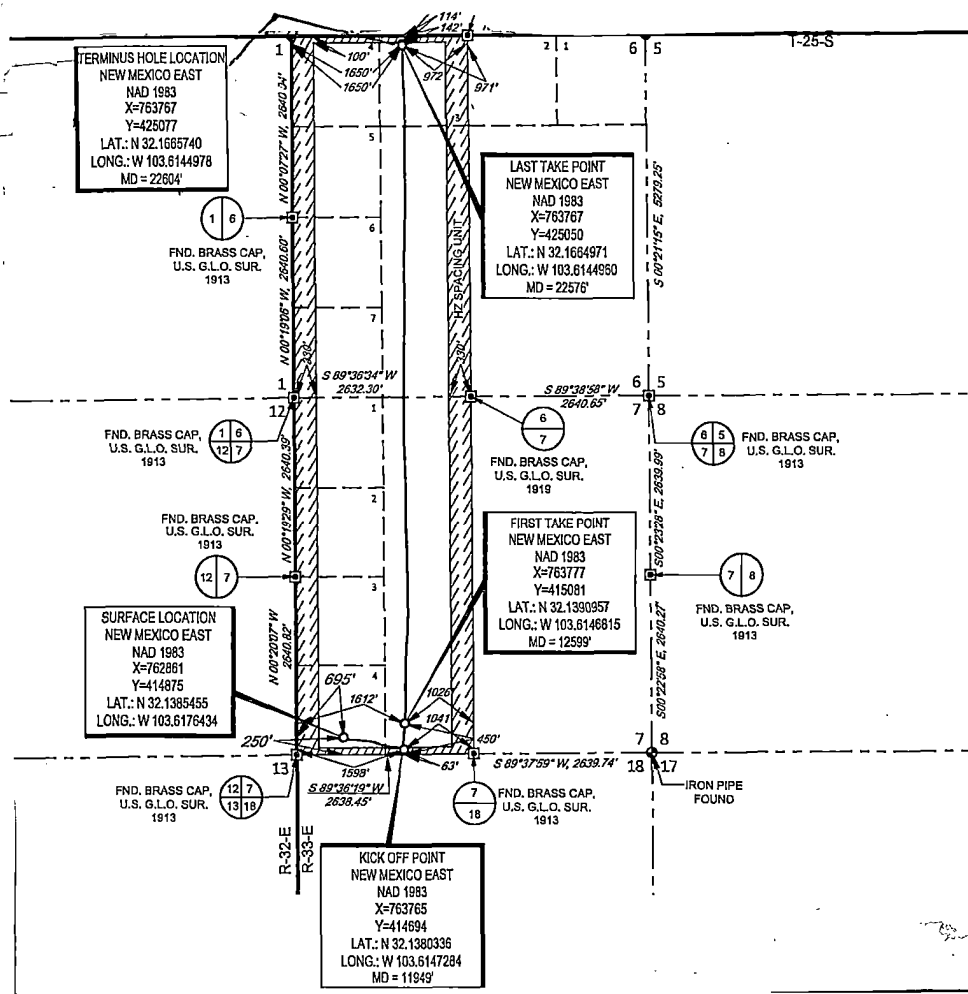
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	7	25-S	33-E	-	250'	SOUTH	695'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	6	25-S	33-E	-	114'	NORTH	1650'	WEST	LEA

¹² Dedicated Acres 638.40	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 unleased 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.

Kay Maddox 10/07/2020
Signature Date

KAY MADDOX

Printed Name

kay_maddox@eogresources.com

E-mail Address

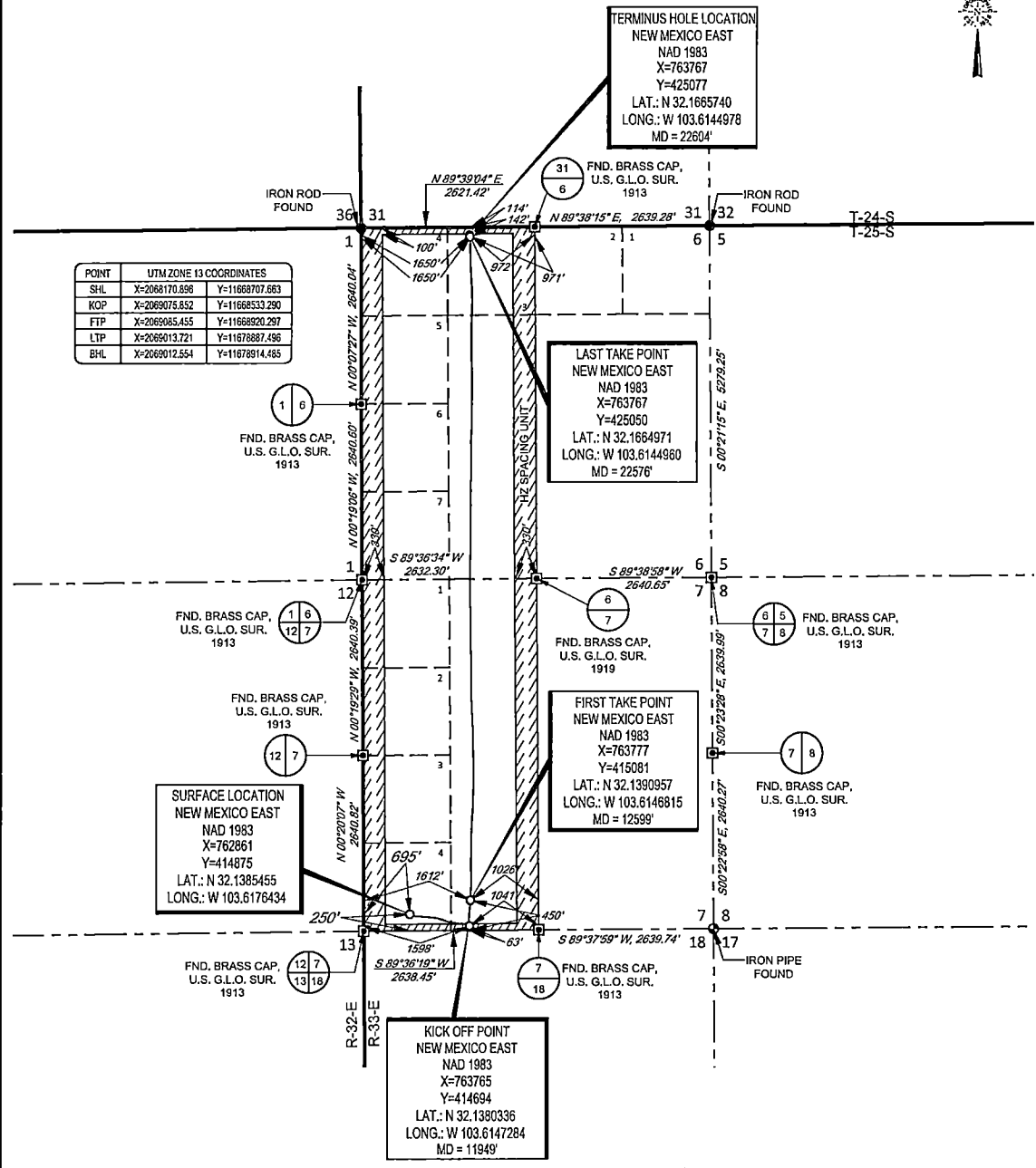
¹⁸SURVEYOR CERTIFICATION

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.

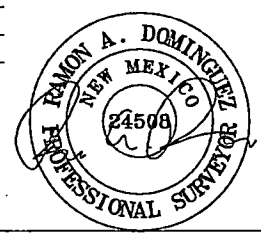
12/19/2017
Date of Survey
Signature and Seal of Professional Surveyor
MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

SCALE: 1" = 2000'
0' 1000' 2000'

SECTIONS 7, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: DAUNTLESS 7 FED COM 713H
SECTION 7 TWP 25-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3491'
DESCRIPTION 250' FSL & 695' FWL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 145 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM

eoog resources, Inc.

Ramon A. Dominguez, P.S. No. 24508
AUGUST 27, 2020

DAUNTLESS 7 FED COM 713H AS-COMPLETED	REVISION:
DATE: 08/27/20	
FILE: AD_DAUNTLESS_7_FED_COM_713H	
DRAWN BY: GJU	
SHEET: 1 OF 1	

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983.
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.

Intent ☐ As Drilled ☒API #
30-025-46620Operator Name:
EOG RESOURCES, INCProperty Name:
DAUNTLESS 7 FEDERALWell Number
713H

Kick Off Point (KOP)

UL N	Section 7	Township 25S	Range 33E	Lot	Feet 63	From N/S SOUTH	Feet 1598	From E/W WEST	County LEA
Latitude 32.1380336					Longitude 103.6147284			NAD 1983	

First Take Point (FTP)

UL N	Section 7	Township 25S	Range 33E	Lot	Feet 450	From N/S SOUTH	Feet 1612	From E/W WEST	County LEA
Latitude 32.1390957					Longitude 103.6146815			NAD 1983	

Last Take Point (LTP)

UL C	Section 6	Township 25S	Range 33E	Lot	Feet 142	From N/S NORTH	Feet 1650	From E/W WEST	County LEA
Latitude 32.1664971					Longitude 103.6144960			NAD 1983	

Is this well the defining well for the Horizontal Spacing Unit?

☐ NO

Is this well an infill well?

☐ YES

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

API #
30-025-46619Operator Name:
EOG RESOURCES, INCProperty Name:
DAUNTLESS 7 FEDERALWell Number
#742H

KZ



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Dauntless 7 Fed

#713H

OH

Design: OH

Midland PVA

04 March, 2020



EOG Resources
Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #713H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	MD Reference:	KB = 25 @ 3516.0usft
Well:	#713H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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	Dauntless 7 Fed		
Site Position:		Northing:	414,874.00 usft
From:	Map	Easting:	762,795.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 18.763 N
		Longitude:	103° 37' 4.285 W
		Grid Convergence:	0.38 °

Well	#713H		
Well Position	+N-S	0.0 usft	Northing:
	+E-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 8' 18.768 N
		Longitude:	103° 37' 3.517 W
		Ground Level:	3,491.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	1/9/2020	6.69
			Dip Angle
			59.94
			Field Strength
			47,618.74830680

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			5.07

Survey Program	Date 3/4/2020		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		Description
225.0	22,604.0	Dritech MWD (OH)	EOG MWD+IFR1
			MWD + IFR1



EOG Resources
Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #713H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	MD Reference:	KB = 25 @ 3516.0usft
Well:	#713H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (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	0.0
225.0	0.62	193.91	225.0	-1.2	-0.3	0.28	0.28	0.00	-1.2	0.0	0.0
314.0	0.62	187.67	314.0	-2.1	-0.5	0.08	0.00	-7.01	-2.2	-0.2	-0.2
402.0	0.88	174.05	402.0	-3.3	-0.5	0.36	0.30	-15.48	-3.2	-0.8	-0.8
492.0	0.79	177.65	492.0	-4.6	-0.4	0.12	-0.10	4.00	-4.6	-0.6	-0.6
580.0	0.70	171.77	580.0	-5.7	-0.3	0.13	-0.10	-6.68	-5.6	-1.1	-1.1
677.0	0.70	176.69	677.0	-6.9	-0.1	0.06	0.00	5.07	-6.9	-0.5	-0.5
772.0	0.53	183.72	772.0	-7.9	-0.1	0.20	-0.18	7.40	-7.9	0.4	0.4
960.0	0.62	192.24	959.9	-9.8	-0.4	0.07	0.05	4.53	-9.6	1.7	1.7
1,053.0	0.70	178.09	1,052.9	-10.8	-0.5	0.19	0.09	-15.22	-10.7	-1.3	-1.3
1,121.0	0.70	173.08	1,120.9	-11.7	-0.4	0.09	0.00	-7.37	-10.7	-4.3	-4.3
1,227.0	0.70	184.77	1,226.9	-12.9	-0.4	0.13	0.00	11.03	-11.9	-8.2	-8.2
1,322.0	4.13	112.53	1,321.8	-14.8	2.7	4.18	3.61	-76.04	9.5	-16.1	-16.1
1,416.0	8.44	104.18	1,415.3	-17.8	12.5	4.68	4.59	-8.88	13.6	-15.6	-15.6
1,510.0	8.79	100.49	1,508.2	-20.8	26.3	0.70	0.37	-3.93	15.1	-14.9	-14.9
1,605.0	8.71	99.43	1,602.1	-23.3	40.5	0.19	-0.08	-1.12	16.1	-14.2	-14.2
1,700.0	8.79	99.78	1,696.0	-25.7	54.8	0.10	0.08	0.37	16.7	-13.9	-13.9
1,794.0	8.79	99.17	1,788.9	-28.1	68.9	0.10	0.00	-0.65	17.4	-13.2	-13.2
1,889.0	8.88	97.67	1,882.7	-30.2	83.4	0.26	0.09	-1.58	18.2	-11.9	-11.9
1,984.0	8.88	97.41	1,976.6	-32.2	97.9	0.04	0.00	-0.27	18.7	-10.8	-10.8
2,079.0	8.97	96.80	2,070.5	-34.0	112.5	0.14	0.09	-0.64	19.2	-9.4	-9.4
2,173.0	8.79	95.39	2,163.3	-35.5	126.9	0.30	-0.19	-1.50	19.8	-7.5	-7.5
2,268.0	9.50	93.63	2,257.1	-36.7	142.0	0.80	0.75	-1.85	19.9	-5.1	-5.1
2,363.0	9.76	92.14	2,350.8	-37.5	157.9	0.38	0.27	-1.57	19.0	-2.3	-2.3
2,458.0	9.58	92.31	2,444.4	-38.1	173.8	0.19	-0.19	0.18	18.0	0.0	0.0
2,553.0	9.58	89.94	2,538.1	-38.4	189.6	0.42	0.00	-2.49	17.0	3.5	3.5
2,648.0	9.85	94.69	2,631.8	-39.1	205.6	0.89	0.28	5.00	16.2	4.5	4.5



EOG Resources
Midland PVA

Company:	EOG Resources - Midland.	Local Co-ordinate Reference:	Well #713H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	MD Reference:	KB = 25 @ 3516.0usft
Well:	#713H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Bulld (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,743.0	9.94	94.60	2,725.3	-40.4	221.9	0.10	0.09	-0.09	14.9	6.3
2,838.0	9.41	94.69	2,819.0	-41.7	237.8	0.56	-0.56	0.09	13.9	8.1
2,933.0	9.32	94.60	2,912.7	-43.0	253.2	0.10	-0.09	-0.09	13.5	9.9
3,028.0	9.41	92.49	3,006.5	-43.9	268.6	0.37	0.09	-2.22	12.6	12.5
3,122.0	9.94	97.50	3,099.1	-45.3	284.4	1.06	0.56	5.33	12.8	13.1
3,217.0	10.29	97.67	3,192.6	-47.5	300.9	0.37	0.37	0.18	11.2	14.0
3,312.0	10.02	96.71	3,286.2	-49.6	317.5	0.34	-0.28	-1.01	9.3	15.3
3,407.0	10.02	94.51	3,379.7	-51.2	334.0	0.40	0.00	-2.32	7.2	17.2
3,502.0	9.50	95.13	3,473.3	-52.6	350.0	0.56	-0.55	0.65	6.3	18.9
3,596.0	9.50	94.77	3,566.0	-53.9	365.5	0.06	0.00	-0.38	5.5	20.6
3,691.0	9.15	95.21	3,659.8	-55.2	380.8	0.38	-0.37	0.46	5.3	22.3
3,786.0	8.27	91.61	3,753.7	-56.1	395.2	1.09	-0.93	-3.79	4.4	24.7
3,881.0	9.67	104.35	3,847.5	-58.3	409.7	2.55	1.47	13.41	10.2	23.9
3,975.0	9.50	106.64	3,940.2	-62.5	424.8	0.44	-0.18	2.44	10.3	22.4
4,070.0	8.53	104.88	4,034.0	-66.5	439.1	1.06	-1.02	-1.85	9.9	21.6
4,165.0	7.74	104.35	4,128.1	-69.9	452.1	0.84	-0.83	-0.56	11.4	20.9
4,260.0	10.38	105.23	4,221.9	-73.8	466.6	2.78	2.78	0.93	11.8	19.8
4,355.0	10.46	106.64	4,315.3	-78.5	483.1	0.28	0.08	1.48	10.1	18.3
4,449.0	10.20	108.84	4,407.8	-83.6	499.2	0.50	-0.28	2.34	8.8	16.4
4,544.0	9.58	108.84	4,501.4	-88.9	514.6	0.65	-0.65	0.00	7.5	14.4
4,639.0	10.55	114.55	4,594.9	-95.0	530.0	1.46	1.02	6.01	7.0	11.0
4,734.0	11.43	119.38	4,688.2	-103.3	546.1	1.34	0.93	5.08	4.2	6.4
4,829.0	10.11	107.96	4,781.5	-110.5	562.2	2.63	-1.39	-12.02	0.2	3.6
4,923.0	8.71	101.89	4,874.3	-114.5	577.1	1.82	-1.49	-6.46	-0.5	2.6
5,018.0	7.56	101.72	4,968.3	-117.2	590.2	1.21	-1.21	-0.18	1.2	2.5
5,113.0	7.03	98.82	5,062.5	-119.4	602.1	0.68	-0.56	-3.05	4.2	2.9
5,208.0	6.51	95.92	5,156.9	-120.8	613.2	0.65	-0.55	-3.05	7.9	4.3



EOG Resources
Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dauntless 7 Fed
Well: #713H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #713H
TVD Reference: KB = 25 @ 3516.0usft
MD Reference: KB = 25 @ 3516.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

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)	
5,303.0	8.97	100.75	5,251.0	-122.8	625.8	2.68	2.59	5.08	10.6	4.3	
5,397.0	8.62	98.55	5,343.9	-125.2	640.0	0.52	-0.37	-2.34	11.0	5.2	
5,492.0	8.18	96.44	5,437.9	-127.0	653.7	0.57	-0.46	-2.22	12.0	6.6	
5,588.0	7.30	96.18	5,533.0	-128.4	666.6	0.92	-0.92	-0.27	14.3	8.1	
5,682.0	9.32	102.60	5,626.0	-130.7	679.9	2.36	2.15	6.83	16.6	6.8	
5,777.0	8.88	100.75	5,719.8	-133.8	694.7	0.56	-0.46	-1.95	16.4	7.3	
5,872.0	8.27	99.52	5,813.8	-136.3	708.6	0.67	-0.64	-1.29	17.2	8.0	
5,967.0	8.71	96.36	5,907.7	-138.2	722.5	0.67	0.46	-3.33	17.8	9.9	
6,061.0	9.41	94.07	6,000.5	-139.5	737.2	0.84	0.74	-2.44	17.5	12.2	
6,156.0	8.97	93.72	6,094.3	-140.6	752.4	0.47	-0.46	-0.37	17.2	14.3	
6,251.0	8.27	94.33	6,188.2	-141.6	766.6	0.74	-0.74	0.64	18.2	16.1	
6,346.0	9.58	100.41	6,282.1	-143.5	781.2	1.70	1.38	6.40	20.2	15.1	
6,441.0	9.32	97.59	6,375.8	-145.9	796.6	0.56	-0.27	-2.97	18.9	16.7	
6,535.0	9.50	107.87	6,468.6	-149.3	811.5	1.80	0.19	10.94	21.2	12.8	
6,630.0	9.23	96.36	6,562.3	-152.6	826.5	1.99	-0.28	-12.12	18.0	16.5	
6,724.0	8.71	95.21	6,655.1	-154.1	841.1	0.59	-0.55	-1.22	17.9	18.3	
6,819.0	8.09	93.37	6,749.1	-155.1	854.9	0.71	-0.65	-1.94	18.4	20.8	
6,914.0	7.74	92.75	6,843.2	-155.8	868.0	0.38	-0.37	-0.65	20.1	23.2	
7,009.0	7.03	89.94	6,937.4	-156.1	880.2	0.84	-0.75	-2.96	21.6	26.9	
7,198.0	6.51	94.33	7,125.1	-156.9	902.5	0.39	-0.28	2.32	30.4	29.7	
7,293.0	6.60	95.56	7,219.5	-157.8	913.3	0.18	0.09	1.29	31.4	30.3	
7,388.0	4.57	99.87	7,314.0	-159.0	922.4	2.18	-2.14	4.54	32.4	28.5	
7,483.0	2.64	125.62	7,408.9	-160.9	927.9	2.60	-2.03	27.11	40.5	11.2	
7,578.0	1.76	145.31	7,503.8	-163.4	930.5	1.21	-0.93	20.73	39.6	-3.5	
7,583.5	1.77	145.01	7,509.3	-163.6	930.6	0.31	0.27	-5.36	39.5	-3.3	
Brushy Top(DL 7 Fed #713H)											
7,673.0	2.02	140.83	7,598.7	-165.9	932.4	0.31	0.27	-4.68	36.7	-0.5	



EOG Resources
Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #713H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	MD Reference:	KB = 25 @ 3516.0usft
Well:	#713H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
7,767.0	1.76	146.89	7,692.7	-168.4	934.3	0.35	-0.28	6.45	33.3	-4.2
7,862.0	1.49	143.73	7,767.6	-170.6	935.8	0.30	-0.28	-3.33	30.8	-2.5
7,957.0	1.41	155.42	7,882.6	-172.7	937.0	0.32	-0.08	12.31	27.3	-8.4
8,052.0	1.23	158.14	7,977.6	-174.7	937.9	0.20	-0.19	2.86	24.7	-9.6
8,147.0	1.14	170.18	8,072.6	-176.6	938.4	0.28	-0.09	12.67	20.2	-14.4
8,242.0	1.14	168.34	8,167.5	-178.4	938.8	0.04	0.00	-1.94	18.7	-13.7
8,337.0	1.23	169.39	8,262.5	-180.4	939.1	0.10	0.09	1.11	16.5	-14.1
8,431.0	1.32	174.75	8,356.5	-182.4	939.4	0.16	0.10	5.70	13.0	-15.4
8,526.0	1.41	176.16	8,451.5	-184.7	939.6	0.10	0.09	1.48	10.4	-15.7
8,621.0	1.32	175.28	8,546.4	-186.9	939.8	0.10	-0.09	-0.93	8.4	-15.6
8,716.0	1.41	175.72	8,641.4	-189.2	940.0	0.10	0.09	0.46	6.0	-15.6
8,811.0	1.32	184.33	8,736.4	-191.4	940.0	0.24	-0.09	9.06	1.3	-16.2
8,906.0	1.41	193.39	8,831.4	-193.7	939.6	0.25	0.09	9.54	-3.5	-16.0
9,000.0	1.23	198.48	8,925.3	-195.8	939.0	0.23	-0.19	5.41	-7.1	-15.5
9,095.0	1.14	203.32	9,020.3	-197.6	938.3	0.14	-0.09	5.09	-10.3	-14.8
9,190.0	0.97	210.44	9,115.3	-199.2	937.5	0.23	-0.18	7.49	-13.8	-13.3
9,285.0	1.06	223.18	9,210.3	-200.5	936.5	0.26	0.09	13.41	-18.1	-9.8
9,379.0	1.23	236.89	9,304.3	-201.7	935.1	0.34	0.18	14.59	-21.7	-5.0
9,474.0	1.06	243.84	9,399.3	-202.6	933.4	0.23	-0.18	7.32	-24.0	-2.2
9,569.0	1.06	253.94	9,494.2	-203.2	931.8	0.20	0.00	10.63	-25.8	2.2
9,664.0	1.14	261.94	9,589.2	-203.6	930.0	0.18	0.08	8.42	-27.1	5.9
9,758.0	1.14	259.74	9,683.2	-203.9	928.2	0.05	0.00	-2.34	-29.1	4.8
9,853.0	2.02	18.75	9,778.2	-202.5	927.8	2.90	0.93	125.27	17.1	24.0
9,948.0	2.11	36.85	9,873.1	-199.5	929.4	0.69	0.09	19.05	20.4	18.0
10,043.0	1.41	35.62	9,968.1	-197.2	931.1	0.74	-0.74	-1.29	17.1	18.4
10,137.0	0.70	58.30	10,062.1	-195.9	932.3	0.86	-0.76	24.13	21.2	10.8
10,232.0	0.79	24.02	10,157.1	-195.0	933.0	0.47	0.09	-36.08	10.3	20.6



EOG Resources
Midland PVA

Company:	EOG Resources - Midland
Project:	Lea County, NM (NAD 83 NME)
Well:	Dauntless 7 Fed
Wellbore:	#713H
Design:	OH
OH	
Local Co-ordinate Reference:	Well #713H
TVD Reference:	KB = 25 @ 3516.0usft
MD Reference:	KB = 25 @ 3516.0usft
Survey Calculation Method:	Gnd
Database:	EDM

Survey	MD (usft)	Inc (")	Azi (azimuth) (")	TVD (usft)	N/S	E/W	Dleg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
	10,327.0	0.62	41.78	10,252.0	-194.0	933.6	0.29	-0.18	18.69	14.9	16.6
	10,422.0	0.70	3.46	10,347.0	-193.1	934.0	0.46	0.08	-40.34	0.4	22.0
	10,517.0	1.06	41.34	10,442.0	-191.8	934.6	0.70	0.38	39.87	12.5	17.5
	10,611.0	0.62	32.90	10,536.0	-190.8	935.5	0.48	-0.47	-8.98	8.4	19.0
	10,706.0	0.70	20.59	10,631.0	-189.8	936.0	0.17	0.08	-12.96	3.1	20.2
	10,801.0	0.53	289.72	10,726.0	-189.1	935.8	0.93	-0.16	-85.66	-20.7	2.2
	10,896.0	0.79	286.29	10,821.0	-188.8	934.7	0.28	0.27	-3.61	-21.9	0.9
	10,991.0	1.67	318.10	10,916.0	-187.6	933.2	1.14	0.93	33.48	-20.0	12.7
	11,086.0	1.23	290.59	11,010.9	-186.2	931.3	0.85	-0.46	-28.96	-25.9	1.4
	11,181.0	1.32	262.64	11,105.9	-185.9	929.2	0.66	0.09	-29.42	-25.5	-11.4
	11,276.0	1.49	245.33	11,200.9	-186.6	927.0	0.48	0.18	-18.22	-23.2	-18.8
	11,370.0	1.85	263.35	11,294.9	-187.3	924.4	0.67	0.38	19.17	-30.6	-10.3
	11,465.0	2.73	258.78	11,389.8	-187.9	920.7	0.96	0.93	-4.81	-3.5	-12.9
	11,560.0	2.37	280.05	11,484.7	-188.0	916.5	1.06	-0.38	22.39	-39.9	1.0
	11,654.0	2.37	286.84	11,578.6	-187.1	912.7	0.29	0.00	7.01	-43.4	5.8
	11,728.0	2.37	305.10	11,652.5	-185.8	910.0	1.03	0.00	24.95	-42.3	19.7
	11,866.0	1.76	307.03	11,790.5	-182.9	908.0	0.44	-0.44	1.40	-46.6	21.2
	11,949.0	3.29	322.04	11,873.4	-180.2	903.5	1.99	1.84	18.08	-43.1	32.9
KOP, MD:11949.0', TVD:11873.4', N/S:-180.2', E/W:903.5', INC:3.29											
	11,961.0	3.52	323.11	11,885.4	-179.7	903.1	1.99	1.92	8.94	-43.2	33.8
	12,056.0	17.15	350.71	11,978.6	-163.4	899.1	14.87	14.35	29.05	-28.4	53.1
	12,112.8	23.24	353.99	12,031.9	-144.0	898.5	10.91	10.73	5.77	-29.4	56.8
FTP Crossing, MD:12112.8', TVD:12031.9', N/S:-144.0', E/W:896.5', INC:23.24											
	12,150.0	27.26	356.37	12,065.5	-128.2	895.1	10.91	10.79	3.72	-30.2	58.7
	12,245.0	33.06	1.43	12,147.7	-80.6	894.0	6.89	6.11	6.38	-24.3	62.1
	12,340.0	48.60	4.33	12,220.5	-19.9	897.2	14.38	14.25	3.05	-18.4	59.0
FTP(DL 7 Fed #713H)											



EOG Resources
Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dauntless 7 Fed
Well: #713H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #713H
TVD Reference: KB = 25 @ 3516.0usft
MD Reference: KB = 25 @ 3516.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
12,434.0	56.01	5.74	12,279.2	53.0	903.7	10.08	10.01	1.50	-13.7	52.0	
12,529.0	71.23	4.33	12,321.3	137.6	911.1	16.08	16.02	-1.48	-11.7	43.6	
12,624.0	79.67	2.93	12,345.1	229.3	916.9	9.00	8.88	-1.47	-8.9	37.2	
12,719.0	88.81	3.25	12,354.6	323.5	922.0	9.63	9.62	0.34	-2.9	31.5	
12,814.0	89.16	3.16	12,356.3	418.4	927.3	0.38	0.37	-0.09	-1.3	25.8	
12,909.0	91.64	1.14	12,355.7	513.3	930.9	3.29	2.51	-2.13	-2.0	21.7	
13,003.0	92.51	356.31	12,352.4	607.2	928.8	5.24	1.03	-5.14	-5.4	23.4	
13,098.0	91.19	359.56	12,349.3	702.1	925.4	3.69	-1.39	3.42	-8.6	26.3	
13,193.0	86.26	1.23	12,351.4	797.0	926.0	5.48	-5.19	1.76	-6.6	25.2	
13,288.0	84.86	0.52	12,358.8	891.7	927.5	1.65	-1.47	-0.75	0.6	23.3	
13,382.0	88.20	359.65	12,364.5	985.5	927.6	3.67	3.55	-0.93	6.2	22.7	
13,477.0	87.68	0.52	12,368.0	1,080.5	927.7	1.12	-0.65	0.92	9.6	22.1	
13,572.0	90.66	2.72	12,369.4	1,175.4	930.4	3.98	3.24	2.32	10.9	19.0	
13,667.0	89.78	2.46	12,369.1	1,270.3	934.7	0.97	-0.93	-0.27	10.4	14.2	
13,762.0	90.31	2.99	12,369.0	1,365.2	939.2	0.79	0.56	0.56	10.2	9.3	
13,856.0	90.04	3.60	12,368.7	1,459.0	944.6	0.71	-0.29	0.65	9.8	3.4	
13,940.4	91.21	3.37	12,367.8	1,543.3	949.8	1.42	1.39	-0.27	8.8	-2.1	
TGT#1(DL 7 Fed #713H)											
13,951.0	91.36	3.34	12,367.6	1,553.8	950.4	1.42	1.39	-0.27	8.5	-2.8	
14,046.0	90.92	2.11	12,365.7	1,648.7	954.9	1.37	-0.46	-1.29	6.3	-7.7	
14,141.0	90.48	2.02	12,364.5	1,743.6	958.3	0.47	-0.46	-0.09	4.7	-11.6	
14,235.0	92.15	1.32	12,362.4	1,837.6	961.1	1.93	1.78	-0.74	2.2	-14.8	
14,330.0	85.12	359.91	12,364.6	1,932.5	962.1	7.55	-7.40	-1.48	4.0	-16.3	
14,425.0	89.16	0.88	12,369.4	2,027.3	962.7	4.37	4.25	1.02	8.4	-17.4	
14,519.0	91.36	1.40	12,368.9	2,121.3	964.6	2.40	2.34	0.55	7.6	-19.7	
14,614.0	90.04	358.86	12,367.8	2,216.3	964.8	3.01	-1.39	-2.67	6.0	-20.4	
14,709.0	90.92	357.62	12,367.0	2,311.2	961.9	1.60	0.93	-1.31	4.8	-17.9	



EOG Resources
Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dauntless 7 Fed
Well: #713H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #713H
TVD Reference: KB = 25 @ 3516.0usft
MD Reference: KB = 25 @ 3516.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

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)
14,803.0	90.31	358.94	12,366.0	2,405.2	959.1	1.55	-0.65	1.40	3.4	-15.6
14,898.0	88.99	358.59	12,366.5	2,500.2	957.0	1.44	-1.39	-0.37	3.6	-14.0
14,993.0	87.41	358.06	12,369.5	2,595.1	954.3	1.75	-1.66	-0.56	6.2	-11.7
15,088.0	90.92	358.50	12,370.9	2,690.0	951.4	3.72	3.69	0.46	7.2	-9.3
15,182.0	90.92	358.24	12,369.4	2,784.0	948.7	0.28	0.00	-0.28	5.3	-7.0
15,277.0	92.07	358.86	12,366.9	2,878.9	946.3	1.38	1.21	0.65	2.5	-5.1
15,372.0	88.37	358.15	12,366.6	2,973.8	943.8	3.97	-3.89	-0.75	1.7	-3.1
15,461.0	82.48	356.66	12,373.7	3,062.4	939.8	6.82	-6.62	-1.67	8.5	0.5
15,555.0	88.55	356.48	12,381.0	3,155.9	934.2	6.46	6.46	-0.19	15.4	5.7
15,650.0	90.40	358.86	12,381.9	3,250.8	930.4	3.17	1.95	2.51	15.9	9.1
15,745.0	92.07	0.09	12,379.8	3,345.8	929.5	2.18	1.76	1.29	13.5	9.5
15,840.0	92.59	0.79	12,376.0	3,440.7	930.2	0.92	0.55	0.74	9.2	8.3
15,934.0	91.01	0.26	12,373.0	3,534.7	931.1	1.77	-1.68	-0.56	5.9	7.0
16,029.0	91.80	359.65	12,370.7	3,629.6	931.0	1.05	0.83	-0.64	3.2	6.6
16,124.0	89.60	359.91	12,369.5	3,724.6	930.7	2.33	-2.32	0.27	1.6	6.5
16,219.0	86.17	357.62	12,373.0	3,819.5	928.6	4.34	-3.61	-2.41	4.7	8.1
16,313.0	88.99	358.49	12,377.0	3,913.4	925.4	3.14	3.00	0.93	8.3	10.8
16,392.0	88.92	357.98	12,378.4	3,992.3	923.0	0.65	-0.09	-0.64	9.4	12.9
TOT#2(DL 7 Fed #713H)										
16,408.0	88.90	357.88	12,378.7	4,008.3	922.4	0.65	-0.09	-0.64	9.7	13.4
16,503.0	90.31	358.14	12,379.4	4,103.2	919.1	1.51	1.48	0.27	9.9	16.2
16,598.0	91.01	358.49	12,378.3	4,198.2	916.3	0.82	0.74	0.37	8.4	18.6
16,692.0	93.39	359.55	12,374.7	4,292.1	914.7	2.77	2.53	1.13	4.4	19.7
16,787.0	91.28	0.69	12,370.8	4,387.0	914.9	2.52	-2.22	1.20	0.2	19.1
16,882.0	90.84	359.81	12,369.1	4,482.0	915.3	1.04	-0.46	-0.93	-2.0	18.2
16,977.0	88.64	358.85	12,369.5	4,577.0	914.2	2.53	-2.32	-1.01	-2.0	18.8
17,071.0	90.22	358.76	12,370.4	4,671.0	912.3	1.68	1.68	-0.10	-1.4	20.4



EOG Resources
Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #713H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	MD Reference:	KB = 25 @ 3516.0usft
Well:	#713H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
17,166.0	88.90	0.43	12,371.2	4,765.9	911.6	2.24	-1.39	1.76	-1.1	20.6
17,261.0	88.02	0.69	12,373.7	4,860.9	912.5	0.97	-0.93	0.27	1.1	19.2
17,356.0	87.93	0.08	12,377.1	4,955.8	913.2	0.65	-0.09	-0.64	4.0	18.1
17,451.0	85.30	358.93	12,382.7	5,050.7	912.3	3.02	-2.77	-1.21	9.2	18.5
17,546.0	91.28	0.08	12,385.5	5,145.6	911.5	6.41	6.29	1.21	11.7	18.8
17,640.0	90.92	359.90	12,383.7	5,239.6	911.5	0.43	-0.38	-0.19	9.5	18.4
17,734.0	90.57	0.69	12,382.5	5,333.5	912.0	0.92	-0.37	0.84	7.9	17.4
17,829.0	91.54	1.39	12,380.7	5,428.5	913.7	1.26	1.02	0.74	5.7	16.3
17,924.0	88.11	0.34	12,381.0	5,523.5	915.1	3.78	-3.61	-1.11	5.6	13.4
18,018.0	88.99	0.52	12,383.4	5,617.5	915.8	0.96	0.94	0.19	7.6	12.2
18,113.0	89.96	0.78	12,384.3	5,712.4	916.9	1.06	1.02	0.27	8.1	10.7
18,209.0	88.29	0.43	12,385.7	5,808.4	917.9	1.78	-1.74	-0.36	9.1	9.2
18,303.0	89.08	0.16	12,387.9	5,902.4	918.4	0.89	0.84	-0.29	10.9	8.3
18,398.0	89.69	0.60	12,388.9	5,997.4	919.1	0.79	0.64	0.46	11.5	7.2
18,493.0	89.60	0.87	12,389.5	6,092.4	920.3	0.30	-0.09	0.28	11.7	5.5
18,588.0	89.87	0.08	12,389.9	6,187.4	921.1	0.88	0.28	-0.83	11.8	4.3
18,682.0	88.37	0.25	12,391.4	6,281.4	921.3	1.61	-1.60	0.18	12.8	3.5
18,777.0	88.72	0.34	12,393.8	6,376.3	921.8	0.38	0.37	0.09	14.8	2.6
18,872.0	89.08	0.78	12,395.6	6,471.3	922.7	0.60	0.38	0.46	16.3	1.2
18,967.0	88.90	0.43	12,397.3	6,566.3	923.7	0.41	-0.19	-0.37	17.5	-0.2
19,061.0	89.25	0.25	12,398.8	6,660.3	924.3	0.42	0.37	-0.19	18.7	-1.3
19,156.0	89.08	0.25	12,400.2	6,755.3	924.7	0.18	-0.18	0.00	19.6	-2.1
19,251.0	88.64	359.20	12,402.1	6,850.2	924.3	1.20	-0.46	-1.11	21.1	-2.1
19,345.0	90.22	0.60	12,403.0	6,944.2	924.1	2.25	1.68	1.49	21.7	-2.4
19,440.0	91.10	0.08	12,401.9	7,039.2	924.7	1.08	0.93	-0.55	20.2	-3.4
19,535.0	91.36	1.66	12,399.9	7,134.2	926.1	1.69	0.27	1.66	17.8	-5.3
19,629.0	91.54	1.92	12,397.5	7,228.1	929.0	0.34	0.19	0.28	15.0	-8.7



EOG Resources
Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #713H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	MD Reference:	KB = 25 @ 3516.0usft
Well:	#713H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
19,724.0	89.16	2.18	12,396.9	7,323.0	932.4	2.52	-2.51	0.27	14.0	-12.6
19,818.0	86.44	0.16	12,400.5	7,416.9	934.4	3.60	-2.89	-2.15	17.2	-15.0
19,913.0	87.14	0.25	12,405.9	7,511.8	934.7	0.74	0.74	0.09	22.1	-15.8
20,008.0	87.67	359.90	12,410.2	7,606.7	934.8	0.67	0.56	-0.37	26.0	-16.3
20,103.0	90.13	0.60	12,412.0	7,701.7	935.2	2.69	2.59	0.74	27.5	-17.2
20,197.0	89.69	359.81	12,412.1	7,795.7	935.6	0.96	-0.47	-0.84	27.2	-18.0
20,292.0	89.25	0.25	12,413.0	7,890.7	935.6	0.65	-0.46	0.46	27.7	-18.5
20,387.0	88.81	0.52	12,414.6	7,985.6	936.3	0.54	-0.46	0.28	28.9	-19.6
20,482.0	88.99	0.43	12,416.4	8,080.6	937.0	0.21	0.19	-0.09	30.3	-20.6
20,577.0	91.63	358.58	12,415.9	8,175.6	936.2	3.39	2.78	-1.95	29.4	-20.5
20,672.0	92.07	358.58	12,412.9	8,270.5	933.9	0.46	0.46	0.00	26.0	-18.6
20,766.0	91.19	358.58	12,410.2	8,364.5	931.5	0.94	-0.94	0.00	22.9	-16.7
20,861.0	88.99	359.20	12,410.0	8,459.4	929.7	2.41	-2.32	0.65	22.4	-15.3
20,956.0	88.72	0.69	12,411.9	8,554.4	929.6	1.59	-0.28	1.57	23.9	-15.7
21,051.0	89.16	0.34	12,413.7	8,649.4	930.5	0.59	0.46	-0.37	25.2	-17.0
21,146.0	87.32	359.81	12,416.6	8,744.3	930.6	2.02	-1.94	-0.56	27.7	-17.6
21,241.0	90.04	0.78	12,418.8	8,839.3	931.1	3.04	2.86	1.02	29.5	-18.5
21,335.0	91.63	1.04	12,417.4	8,933.3	932.6	1.71	1.69	0.28	27.8	-20.5
21,430.0	91.63	2.62	12,414.7	9,028.2	935.6	1.66	0.00	1.66	24.7	-23.9
21,525.0	92.86	1.22	12,411.0	9,123.1	938.8	1.96	1.29	-1.47	20.6	-27.6
21,619.0	90.75	0.69	12,408.1	9,217.0	940.4	2.31	-2.24	-0.56	17.2	-29.6
21,714.0	89.78	358.41	12,407.6	9,312.0	939.6	2.61	-1.02	-2.40	16.4	-29.3
21,808.0	90.22	357.79	12,407.6	9,405.9	936.5	0.81	0.47	-0.66	16.0	-26.6
21,903.0	89.78	356.12	12,407.6	9,500.8	931.4	1.82	-0.46	-1.76	15.6	-22.0
21,998.0	94.18	356.82	12,404.3	9,595.5	925.6	4.69	4.63	0.74	11.8	-16.7
22,093.0	88.99	357.44	12,401.7	9,690.3	920.8	5.50	-5.46	0.65	8.9	-12.4
22,188.0	88.20	358.32	12,404.0	9,785.2	917.3	1.24	-0.83	0.93	10.8	-9.3



EOG Resources
Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #713H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	MD Reference:	KB = 25 @ 3516.0usft
Well:	#713H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
22,283.0	87.87	358.23	12,407.5	9,880.1	914.5	0.57	-0.56	-0.09	13.8	-6.9
22,377.0	88.64	358.32	12,410.5	9,974.0	911.6	1.04	1.03	0.10	16.5	-4.5
22,406.0	90.13	358.49	12,410.8	10,003.0	910.8	5.17	5.14	0.59	16.6	-3.9
Last MWD Survey (MD=22406.0)										
22,604.0	90.13	358.49	12,410.3	10,201.0	905.6	0.00	0.00	0.00	15.4	0.4
Projection to Bit (MD=22604.0) - PBHL(DL 7 Fed #713H)										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
11,949.0	11,873.4	-180.2	903.5	KOP, MD:11949.0', TVD:11873.4', N/S:-180.2', E/W:903.5', INC:3.29	
12,112.8	12,031.9	-144.0	896.5	FTP Crossing, MD:12112.8', TVD:12031.9', N/S:-144.0', E/W:896.5', INC:23.24	
22,406.0	12,410.8	10,003.0	910.8	Last MWD Survey (MD=22406.0')	
22,604.0	12,410.3	10,201.0	905.6	Projection to Bit (MD=22604.0')	

Checked By: _____ Approved By: _____ Date: _____

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Muddox 10/01/2020
Signed Date



Lea County, NM (NAD 83 NME)

Dauntless 7 Fed #713H

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: #713H

KB = 25 @ 3516.0ust
Northing 414875.00 Easting 762861.80 Latitude 32° 8' 18.768 N Longitude 103° 37' 3.517 W

Compass Rose showing True North (T), Magnetic North (M), and Grid North (G).
Azimuths to Grid North
True North: -0.38°
Magnetic North: 6.31°

Magnetic Field
Strength: 47618.7nT
Dip Angle: 59.94°
Date: 1/9/2020
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.31°
To convert a Magnetic Direction to a True Direction, Add 6.69° East
To convert a True Direction to a Grid Direction, Subtract 0.38°

SECTION DETAILS

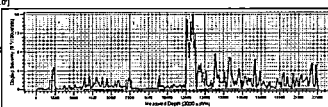
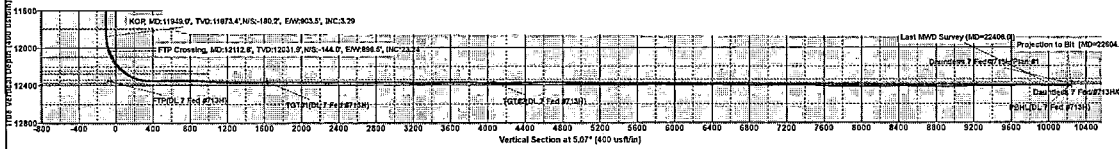
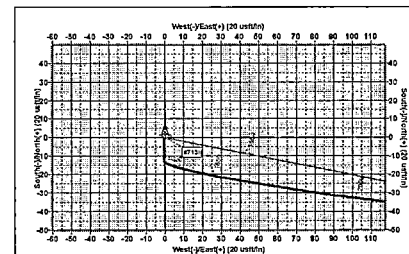
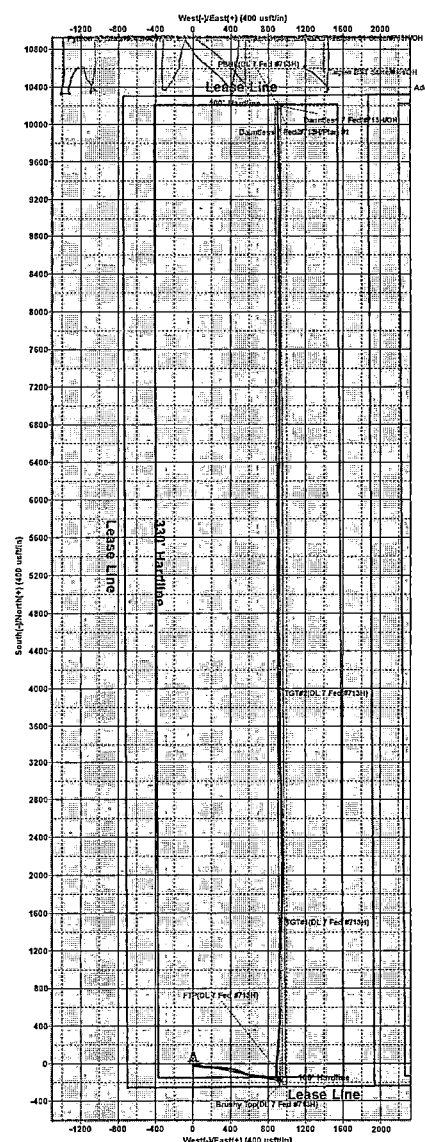
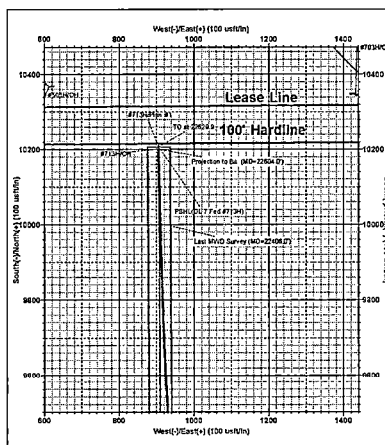
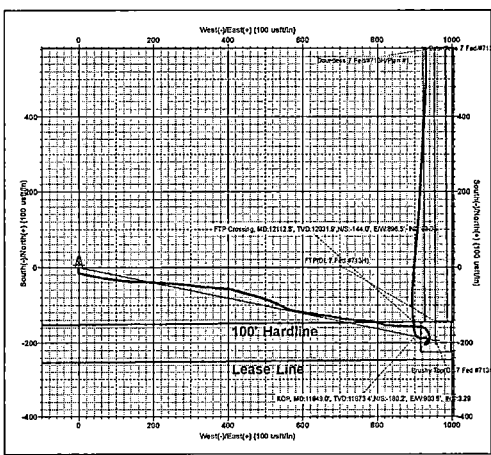
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1458.0	9.16	101.47	1456.1	-7.3	35.8	2.00	101.47	-4.1	
4	7126.1	9.16	101.47	7051.9	-186.7	920.2	0.00	0.00	-104.6	
5	7584.2	0.00	0.00	7508.0	-194.0	956.0	2.00	180.00	-108.7	
6	11956.2	0.00	0.00	11880.0	-194.0	956.0	0.00	0.00	-108.7	
7	12705.6	89.93	359.72	12357.5	282.9	953.7	12.00	359.72	366.1	
8	13966.1	89.93	359.72	12359.0	1543.3	947.6	0.00	0.00	1621.0	TGT#1(DL 7 Fed #713H)
9	13974.3	89.77	359.72	12359.0	1551.5	947.6	2.00	-180.00	1629.2	
10	16415.7	89.77	359.72	12369.0	3992.9	935.9	0.00	0.00	4060.0	TGT#2(DL 7 Fed #713H)
11	16416.0	89.76	359.72	12369.0	3993.2	935.9	2.00	-180.00	4060.3	
12	22629.9	89.76	359.72	12395.0	10207.0	906.0	0.00	0.00	10247.1	PBHL(DL 7 Fed #713H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(DL 7 Fed #713H)	7808.0	-194.0	956.0	414681.00	763817.00
PT#1(DL 7 Fed #713H)	12365.0	-144.0	956.0	414731.00	763817.00
TGT#1(DL 7 Fed #713H)	12359.0	1543.3	947.6	416416.30	763808.66
TGT#2(DL 7 Fed #713H)	12369.0	3992.9	935.9	418867.80	763796.87
PBHL(DL 7 Fed #713H)	12395.0	10207.0	906.0	425092.00	763767.00



Lea County, NM (NAD 83 NME)
Dauntless 7 Fed #713H
Plan #1
12/15/2019 10:00 AM