

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

5. Lease Serial No.
NMNM122619

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
DAUNTLESS 7 FED 713H

2. Name of Operator
EOG RESOURCES INCORPORATED
Contact: STAR L HARRELL
E-Mail: Star_Harrell@eogresources.com

9. API Well No.
30-025-46620-00-X1

3a. Address
PO BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432.848.9161

10. Field and Pool or Exploratory Area
WC025G09S253309P-UP WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 7 T25S R33E SWSW 250FSL 695FWL
32.138546 N Lat, 103.617645 W Lon

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes:

BHL change to T-25-S R-33-E Sec. 6 100? FNL 1650? FWL, Lea Co., NM

HOBBS OCD
JAN 13 2020
RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #497020 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/07/2020 (20PP0752SE)

Name (Printed/Typed) STAR L HARRELL

Title SR REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 12/26/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JEROMY PORTER

Title PETROLEUM ENGINEER

Date 01/10/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #497020

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	NMNM122619	NMNM122619
Agreement:		
Operator:	EOG RESOURCES, INC. P.O. BOX 2267 MIDLAND, TX 79702 Ph: 432-848-9161	EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689
Admin Contact:	STAR L HARRELL SR REGULATORY SPECIALIST E-Mail: Star_Harrell@eogresources.com Ph: 432-848-9161	STAR L HARRELL SR REGULATORY SPECIALIST E-Mail: Star_Harrell@eogresources.com Ph: 432.848.9161
Tech Contact:	STAR L HARRELL SR REGULATORY SPECIALIST E-Mail: Star_Harrell@eogresources.com Ph: 432-848-9161	STAR L HARRELL SR REGULATORY SPECIALIST E-Mail: Star_Harrell@eogresources.com Ph: 432.848.9161
Location:		
State:	NM	NM
County:	LEA COUNTY	LEA
Field/Pool:	WC-025 S253309P UP WCMP	WC025G09S253309P-UP WOLFCAMP
Well/Facility:	DAUNTLESS 7 FED 713H Sec 7 T25S R33E SWSW 250FSL 695FWL 32.138545 N Lat, 103.617643 W Lon	DAUNTLESS 7 FED 713H Sec 7 T25S R33E SWSW 250FSL 695FWL 32.138546 N Lat, 103.617645 W Lon

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 WC-025 G-09 S253309P; Upper Wolfcamp	
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'

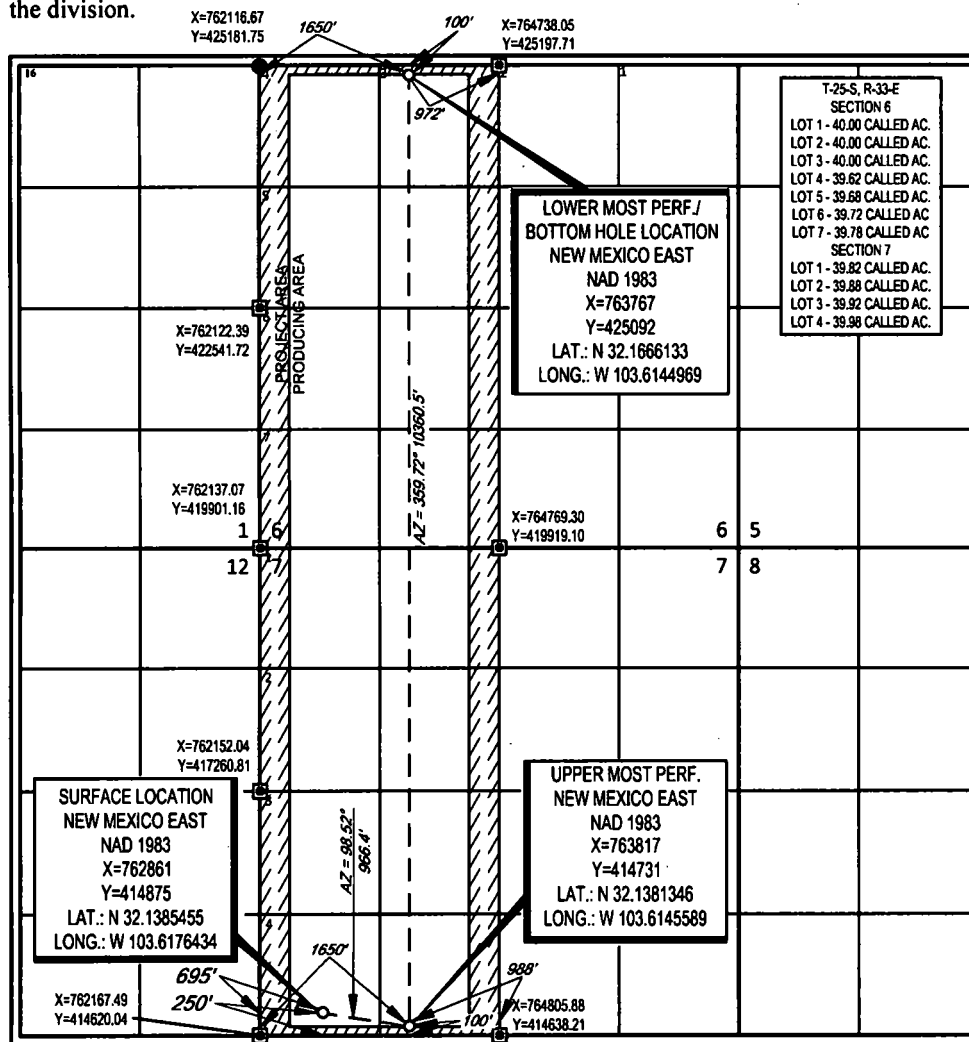
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	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
3	6	25-S	33-E	-	100'	NORTH	1650'	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 undivided 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.

Star L Harrell 12/26/19
Signature Date

Star L Harrell
Printed Name

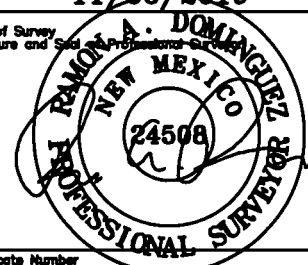
star.harrell@eogresources.com
E-mail Address

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.

11/08/2019

Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number

Revised Permit Information 12/18/2019:

Well Name: Dauntless 7 Fed #713H

Location:

SHL: 250' FSL & 695' FWL, Section 7, T-25-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL & 1650' FWL, Section 6, T-25-S, R-33-E, Lea Co., N.M.

Design A**Casing Program:**

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
12.25"	0' – 1,135'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
8.75"	0' – 11,300'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.60
6.75"	0' – 10,800'	5.5"	20#	P-110EC	DWC/C-IS MS	1.125	1.25	1.60
6.75"	10,800'–11,300'	5.5"	20#	P-110EC	VAM SFC	1.125	1.25	1.60
6.75"	11,300' – 22,516'	5.5"	20#	P-110EC	DWC/C-IS MS	1.125	1.25	1.60

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

EOG requests variance to allow deviation from the 0.422" annulus clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance to meet or exceed 0.422" between intermediate casing ID and production casing coupling only on the first 500' overlap between both casing strings.
- Annular clearance less than 0.422" is acceptable for the curve and lateral portions of the production open hole section.

EOG also requests to retain the option to utilize the previously permitted 4 string design, to be referred to as Design B.

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /sk	Slurry Description
1,135' 9-5/8"	1,000	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	80	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 935')
11,300' 7-5/8"	450	14.2	1.11	1 st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,500')
	1,000	12.7	2.30	2 nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
22,516' 5-1/2"	940	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,800')

Additive	Purpose
Bentonite Gel	Lightweight/Lost circulation prevention
Calcium Chloride	Accelerator
Cello-flake	Lost circulation prevention
Sodium Metasilicate	Accelerator
MagOx	Expansive agent
Pre-Mag-M	Expansive agent
Sodium Chloride	Accelerator
FL-62	Fluid loss control
Halad-344	Fluid loss control
Halad-9	Fluid loss control
HR-601	Retarder
Microbond	Expansive Agent

EOG requests variance from minimum standards to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated TOC at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary a top out consisting of 1,000 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. Top of cement will be verified by Echo-meter.

EOG also requests variance for the option to perform this cement procedure on Design B in the 7-5/8" 2nd Intermediate casing string as a contingency plan.

EOG will include the final fluid top verified by Echo-meter and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

EOG will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,135'	Fresh - Gel	8.6-8.8	28-34	N/c
1,135' – 11,300'	Brine	10.0-10.2	28-34	N/c
11,300' – 11,832'	Oil Base	8.7-9.4	58-68	N/c - 6
11,832' – 22,516' Lateral	Oil Base	10.0-14.0	58-68	3 - 6

250' FSL
695' FWL
Section 7
T-25-S, R-33-E

Revised Wellbore
Design A

API: 30-025-46620

KB: 3,516'
GL: 3,491'

Bit Size: 12-1/4"

9-5/8", 40#, J-55, LTC 0' - 1,135'

Bit Size: 8-3/4"

7-5/8", 29.7#, HCP-110, FXL @ 0' -
11,300'

TOC: 10,800'

Bit Size: 6-3/4"

5-1/2", 20#, P-110 EC, DWC/C-IS MS @ 0' - 10,800'
5-1/2", 20#, P-110 EC, VAM SFC @ 10,800' - 11,300'
5-1/2", 20#, P-110 EC, DWC/C-IS MS @ 11,300' -
22,516'

KOP: 11,832'

Lateral: 22,516' MD, 12,254' TVD
Upper Most Perf:
100' FSL & 1650' FWL Sec. 7
Lower Most Perf:
100' FNL & 1650' FWL Sec. 6
BH Location: 100' FNL & 1650' FWL
Section 6
T-25-S, R-33-E

EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Dauntless 7 Fed

#713H

OH

Plan: Plan #0.1

Standard Planning Report

19 December, 2019

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3516.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	North Reference:	Grid
Well:	#713H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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

Well	#713H		
Well Position	+N-S 1.0 usft +E-W 66.0 usft	Northing: 414,875.00 usft Easting: 762,861.00 usft	Latitude: 32° 8' 18.768 N Longitude: 103° 37' 3.517 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level: 3,491.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/17/2018	6.84	59.96	47,762.12656836

Design	Plan #0.1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.0	0.0	0.0	5.07

Plan Survey Tool Program	Date 12/19/2019			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1 0.0	22,515.6	Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,329.4	6.59	101.47	3,328.7	-3.8	18.5	2.00	2.00	0.00	101.47	
11,502.5	6.59	101.47	11,447.8	-190.2	937.5	0.00	0.00	0.00	0.00	
11,831.9	0.00	0.00	11,776.5	-194.0	956.0	2.00	-2.00	0.00	180.00	KOP(DL 7 Fed #713H)
12,581.9	90.00	359.72	12,254.0	283.5	953.7	12.00	12.00	-0.04	359.72	
22,515.6	90.00	359.72	12,254.0	10,217.0	906.0	0.00	0.00	0.00	0.00	PBHL(DL 7 Fed #713)

Planning Report

Database: EDM
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Dauntless 7 Fed
 Well: #713H
 Wellbore: OH
 Design: Plan #0.1

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

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	2.00	101.47	3,100.0	-0.3	1.7	-0.2	2.00	2.00	0.00
3,200.0	4.00	101.47	3,199.8	-1.4	6.8	-0.8	2.00	2.00	0.00
3,300.0	6.00	101.47	3,299.5	-3.1	15.4	-1.8	2.00	2.00	0.00
3,329.4	6.59	101.47	3,328.7	-3.8	18.5	-2.1	2.00	2.00	0.00
3,400.0	6.59	101.47	3,398.8	-5.4	26.5	-3.0	0.00	0.00	0.00
3,500.0	6.59	101.47	3,498.1	-7.7	37.7	-4.3	0.00	0.00	0.00
3,600.0	6.59	101.47	3,597.5	-9.9	49.0	-5.6	0.00	0.00	0.00
3,700.0	6.59	101.47	3,696.8	-12.2	60.2	-6.9	0.00	0.00	0.00
3,800.0	6.59	101.47	3,796.2	-14.5	71.4	-8.1	0.00	0.00	0.00
3,900.0	6.59	101.47	3,895.5	-16.8	82.7	-9.4	0.00	0.00	0.00
4,000.0	6.59	101.47	3,994.8	-19.1	93.9	-10.7	0.00	0.00	0.00
4,100.0	6.59	101.47	4,094.2	-21.3	105.2	-12.0	0.00	0.00	0.00
4,200.0	6.59	101.47	4,193.5	-23.6	116.4	-13.2	0.00	0.00	0.00
4,300.0	6.59	101.47	4,292.9	-25.9	127.7	-14.5	0.00	0.00	0.00
4,400.0	6.59	101.47	4,392.2	-28.2	138.9	-15.8	0.00	0.00	0.00
4,500.0	6.59	101.47	4,491.5	-30.5	150.2	-17.1	0.00	0.00	0.00
4,600.0	6.59	101.47	4,590.9	-32.8	161.4	-18.4	0.00	0.00	0.00
4,700.0	6.59	101.47	4,690.2	-35.0	172.6	-19.6	0.00	0.00	0.00
4,800.0	6.59	101.47	4,789.6	-37.3	183.9	-20.9	0.00	0.00	0.00
4,900.0	6.59	101.47	4,888.9	-39.6	195.1	-22.2	0.00	0.00	0.00
5,000.0	6.59	101.47	4,988.2	-41.9	206.4	-23.5	0.00	0.00	0.00
5,100.0	6.59	101.47	5,087.6	-44.2	217.6	-24.8	0.00	0.00	0.00
5,200.0	6.59	101.47	5,186.9	-46.4	228.9	-26.0	0.00	0.00	0.00

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3516.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	North Reference:	Grid
Well:	#713H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,300.0	6.59	101.47	5,286.3	-48.7	240.1	-27.3	0.00	0.00	0.00
5,400.0	6.59	101.47	5,385.6	-51.0	251.3	-28.6	0.00	0.00	0.00
5,500.0	6.59	101.47	5,484.9	-53.3	262.6	-29.9	0.00	0.00	0.00
5,600.0	6.59	101.47	5,584.3	-55.6	273.8	-31.2	0.00	0.00	0.00
5,700.0	6.59	101.47	5,683.6	-57.8	285.1	-32.4	0.00	0.00	0.00
5,800.0	6.59	101.47	5,783.0	-60.1	296.3	-33.7	0.00	0.00	0.00
5,900.0	6.59	101.47	5,882.3	-62.4	307.6	-35.0	0.00	0.00	0.00
6,000.0	6.59	101.47	5,981.6	-64.7	318.8	-36.3	0.00	0.00	0.00
6,100.0	6.59	101.47	6,081.0	-67.0	330.0	-37.6	0.00	0.00	0.00
6,200.0	6.59	101.47	6,180.3	-69.3	341.3	-38.8	0.00	0.00	0.00
6,300.0	6.59	101.47	6,279.7	-71.5	352.5	-40.1	0.00	0.00	0.00
6,400.0	6.59	101.47	6,379.0	-73.8	363.8	-41.4	0.00	0.00	0.00
6,500.0	6.59	101.47	6,478.3	-76.1	375.0	-42.7	0.00	0.00	0.00
6,600.0	6.59	101.47	6,577.7	-78.4	386.3	-44.0	0.00	0.00	0.00
6,700.0	6.59	101.47	6,677.0	-80.7	397.5	-45.2	0.00	0.00	0.00
6,800.0	6.59	101.47	6,776.4	-82.9	408.7	-46.5	0.00	0.00	0.00
6,900.0	6.59	101.47	6,875.7	-85.2	420.0	-47.8	0.00	0.00	0.00
7,000.0	6.59	101.47	6,975.0	-87.5	431.2	-49.1	0.00	0.00	0.00
7,100.0	6.59	101.47	7,074.4	-89.8	442.5	-50.4	0.00	0.00	0.00
7,200.0	6.59	101.47	7,173.7	-92.1	453.7	-51.6	0.00	0.00	0.00
7,300.0	6.59	101.47	7,273.1	-94.4	465.0	-52.9	0.00	0.00	0.00
7,400.0	6.59	101.47	7,372.4	-96.6	476.2	-54.2	0.00	0.00	0.00
7,500.0	6.59	101.47	7,471.7	-98.9	487.4	-55.5	0.00	0.00	0.00
7,600.0	6.59	101.47	7,571.1	-101.2	498.7	-56.8	0.00	0.00	0.00
7,700.0	6.59	101.47	7,670.4	-103.5	509.9	-58.0	0.00	0.00	0.00
7,800.0	6.59	101.47	7,769.8	-105.8	521.2	-59.3	0.00	0.00	0.00
7,900.0	6.59	101.47	7,869.1	-108.0	532.4	-60.6	0.00	0.00	0.00
8,000.0	6.59	101.47	7,968.4	-110.3	543.7	-61.9	0.00	0.00	0.00
8,100.0	6.59	101.47	8,067.8	-112.6	554.9	-63.2	0.00	0.00	0.00
8,200.0	6.59	101.47	8,167.1	-114.9	566.2	-64.4	0.00	0.00	0.00
8,300.0	6.59	101.47	8,266.5	-117.2	577.4	-65.7	0.00	0.00	0.00
8,400.0	6.59	101.47	8,365.8	-119.5	588.6	-67.0	0.00	0.00	0.00
8,500.0	6.59	101.47	8,465.1	-121.7	599.9	-68.3	0.00	0.00	0.00
8,600.0	6.59	101.47	8,564.5	-124.0	611.1	-69.5	0.00	0.00	0.00
8,700.0	6.59	101.47	8,663.8	-126.3	622.4	-70.8	0.00	0.00	0.00
8,800.0	6.59	101.47	8,763.2	-128.6	633.6	-72.1	0.00	0.00	0.00
8,900.0	6.59	101.47	8,862.5	-130.9	644.9	-73.4	0.00	0.00	0.00
9,000.0	6.59	101.47	8,961.8	-133.1	656.1	-74.7	0.00	0.00	0.00
9,100.0	6.59	101.47	9,061.2	-135.4	667.3	-75.9	0.00	0.00	0.00
9,200.0	6.59	101.47	9,160.5	-137.7	678.6	-77.2	0.00	0.00	0.00
9,300.0	6.59	101.47	9,259.9	-140.0	689.8	-78.5	0.00	0.00	0.00
9,400.0	6.59	101.47	9,359.2	-142.3	701.1	-79.8	0.00	0.00	0.00
9,500.0	6.59	101.47	9,458.5	-144.5	712.3	-81.1	0.00	0.00	0.00
9,600.0	6.59	101.47	9,557.9	-146.8	723.6	-82.3	0.00	0.00	0.00
9,700.0	6.59	101.47	9,657.2	-149.1	734.8	-83.6	0.00	0.00	0.00
9,800.0	6.59	101.47	9,756.6	-151.4	746.0	-84.9	0.00	0.00	0.00
9,900.0	6.59	101.47	9,855.9	-153.7	757.3	-86.2	0.00	0.00	0.00
10,000.0	6.59	101.47	9,955.2	-156.0	768.5	-87.5	0.00	0.00	0.00
10,100.0	6.59	101.47	10,054.6	-158.2	779.8	-88.7	0.00	0.00	0.00
10,200.0	6.59	101.47	10,153.9	-160.5	791.0	-90.0	0.00	0.00	0.00
10,300.0	6.59	101.47	10,253.3	-162.8	802.3	-91.3	0.00	0.00	0.00
10,400.0	6.59	101.47	10,352.6	-165.1	813.5	-92.6	0.00	0.00	0.00
10,500.0	6.59	101.47	10,451.9	-167.4	824.7	-93.9	0.00	0.00	0.00
10,600.0	6.59	101.47	10,551.3	-169.6	836.0	-95.1	0.00	0.00	0.00

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3516.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	North Reference:	Grid
Well:	#713H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,700.0	6.59	101.47	10,650.6	-171.9	847.2	-96.4	0.00	0.00	0.00
10,800.0	6.59	101.47	10,749.9	-174.2	858.5	-97.7	0.00	0.00	0.00
10,900.0	6.59	101.47	10,849.3	-176.5	869.7	-99.0	0.00	0.00	0.00
11,000.0	6.59	101.47	10,948.6	-178.8	881.0	-100.3	0.00	0.00	0.00
11,100.0	6.59	101.47	11,048.0	-181.1	892.2	-101.5	0.00	0.00	0.00
11,200.0	6.59	101.47	11,147.3	-183.3	903.4	-102.8	0.00	0.00	0.00
11,300.0	6.59	101.47	11,246.6	-185.6	914.7	-104.1	0.00	0.00	0.00
11,400.0	6.59	101.47	11,346.0	-187.9	925.9	-105.4	0.00	0.00	0.00
11,502.5	6.59	101.47	11,447.8	-190.2	937.5	-106.7	0.00	0.00	0.00
11,600.0	4.64	101.47	11,544.8	-192.1	946.8	-107.8	2.00	-2.00	0.00
11,700.0	2.64	101.47	11,644.6	-193.4	953.0	-108.5	2.00	-2.00	0.00
11,800.0	0.64	101.47	11,744.6	-194.0	955.8	-108.8	2.00	-2.00	0.00
11,831.9	0.00	0.00	11,776.5	-194.0	956.0	-108.8	2.00	-2.00	0.00
11,850.0	2.17	359.72	11,794.6	-193.7	956.0	-108.5	12.00	12.00	0.00
11,875.0	5.17	359.72	11,819.5	-192.1	956.0	-106.9	12.00	12.00	0.00
11,900.0	8.17	359.72	11,844.4	-189.2	956.0	-104.0	12.00	12.00	0.00
11,925.0	11.17	359.72	11,869.0	-185.0	956.0	-99.8	12.00	12.00	0.00
11,950.0	14.17	359.72	11,893.4	-179.5	955.9	-94.3	12.00	12.00	0.00
11,975.0	17.17	359.72	11,917.5	-172.7	955.9	-87.6	12.00	12.00	0.00
12,000.0	20.17	359.72	11,941.1	-164.7	955.9	-79.6	12.00	12.00	0.00
12,025.0	23.17	359.72	11,964.4	-155.5	955.8	-70.5	12.00	12.00	0.00
12,050.0	26.17	359.72	11,987.1	-145.1	955.8	-60.1	12.00	12.00	0.00
12,075.0	29.17	359.72	12,009.2	-133.4	955.7	-48.5	12.00	12.00	0.00
12,100.0	32.17	359.72	12,030.7	-120.7	955.6	-35.8	12.00	12.00	0.00
12,125.0	35.17	359.72	12,051.5	-106.8	955.6	-22.0	12.00	12.00	0.00
12,150.0	38.17	359.72	12,071.6	-91.9	955.5	-7.1	12.00	12.00	0.00
12,175.0	41.17	359.72	12,090.8	-76.0	955.4	8.7	12.00	12.00	0.00
12,200.0	44.17	359.72	12,109.2	-59.0	955.4	25.6	12.00	12.00	0.00
12,225.0	47.17	359.72	12,126.7	-41.1	955.3	43.4	12.00	12.00	0.00
12,250.0	50.17	359.72	12,143.2	-22.4	955.2	62.1	12.00	12.00	0.00
12,275.0	53.17	359.72	12,158.7	-2.7	955.1	81.6	12.00	12.00	0.00
12,300.0	56.17	359.72	12,173.1	17.6	955.0	101.9	12.00	12.00	0.00
12,325.0	59.17	359.72	12,186.5	38.8	954.9	123.0	12.00	12.00	0.00
12,350.0	62.17	359.72	12,198.7	60.6	954.8	144.7	12.00	12.00	0.00
12,375.0	65.17	359.72	12,209.8	83.0	954.7	167.0	12.00	12.00	0.00
12,400.0	68.17	359.72	12,219.7	105.9	954.6	189.8	12.00	12.00	0.00
12,425.0	71.17	359.72	12,228.4	129.4	954.4	213.2	12.00	12.00	0.00
12,450.0	74.17	359.72	12,235.9	153.2	954.3	236.9	12.00	12.00	0.00
12,475.0	77.17	359.72	12,242.0	177.4	954.2	261.0	12.00	12.00	0.00
12,500.0	80.17	359.72	12,247.0	201.9	954.1	285.4	12.00	12.00	0.00
12,525.0	83.17	359.72	12,250.6	226.7	954.0	310.1	12.00	12.00	0.00
12,550.0	86.17	359.72	12,252.9	251.6	953.9	334.8	12.00	12.00	0.00
12,575.0	89.17	359.72	12,253.9	276.5	953.7	359.7	12.00	12.00	0.00
12,581.9	90.00	359.72	12,254.0	283.5	953.7	366.6	12.00	12.00	0.00
12,600.0	90.00	359.72	12,254.0	301.5	953.6	384.6	0.00	0.00	0.00
12,700.0	90.00	359.72	12,254.0	401.5	953.1	484.2	0.00	0.00	0.00
12,800.0	90.00	359.72	12,254.0	501.5	952.7	583.7	0.00	0.00	0.00
12,900.0	90.00	359.72	12,254.0	601.5	952.2	683.3	0.00	0.00	0.00
13,000.0	90.00	359.72	12,254.0	701.5	951.7	782.9	0.00	0.00	0.00
13,100.0	90.00	359.72	12,254.0	801.5	951.2	882.4	0.00	0.00	0.00
13,200.0	90.00	359.72	12,254.0	901.5	950.7	982.0	0.00	0.00	0.00
13,300.0	90.00	359.72	12,254.0	1,001.5	950.3	1,081.6	0.00	0.00	0.00
13,400.0	90.00	359.72	12,254.0	1,101.5	949.8	1,181.1	0.00	0.00	0.00
13,500.0	90.00	359.72	12,254.0	1,201.5	949.3	1,280.7	0.00	0.00	0.00

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3516.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	North Reference:	Grid
Well:	#713H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,600.0	90.00	359.72	12,254.0	1,301.5	948.8	1,380.3	0.00	0.00	0.00
13,700.0	90.00	359.72	12,254.0	1,401.5	948.3	1,479.8	0.00	0.00	0.00
13,800.0	90.00	359.72	12,254.0	1,501.5	947.9	1,579.4	0.00	0.00	0.00
13,900.0	90.00	359.72	12,254.0	1,601.5	947.4	1,679.0	0.00	0.00	0.00
14,000.0	90.00	359.72	12,254.0	1,701.5	946.9	1,778.5	0.00	0.00	0.00
14,100.0	90.00	359.72	12,254.0	1,801.5	946.4	1,878.1	0.00	0.00	0.00
14,200.0	90.00	359.72	12,254.0	1,901.5	945.9	1,977.6	0.00	0.00	0.00
14,300.0	90.00	359.72	12,254.0	2,001.5	945.5	2,077.2	0.00	0.00	0.00
14,400.0	90.00	359.72	12,254.0	2,101.5	945.0	2,176.8	0.00	0.00	0.00
14,500.0	90.00	359.72	12,254.0	2,201.5	944.5	2,276.3	0.00	0.00	0.00
14,600.0	90.00	359.72	12,254.0	2,301.5	944.0	2,375.9	0.00	0.00	0.00
14,700.0	90.00	359.72	12,254.0	2,401.5	943.5	2,475.5	0.00	0.00	0.00
14,800.0	90.00	359.72	12,254.0	2,501.5	943.1	2,575.0	0.00	0.00	0.00
14,900.0	90.00	359.72	12,254.0	2,601.5	942.6	2,674.6	0.00	0.00	0.00
15,000.0	90.00	359.72	12,254.0	2,701.5	942.1	2,774.2	0.00	0.00	0.00
15,100.0	90.00	359.72	12,254.0	2,801.5	941.6	2,873.7	0.00	0.00	0.00
15,200.0	90.00	359.72	12,254.0	2,901.5	941.1	2,973.3	0.00	0.00	0.00
15,300.0	90.00	359.72	12,254.0	3,001.5	940.7	3,072.9	0.00	0.00	0.00
15,400.0	90.00	359.72	12,254.0	3,101.5	940.2	3,172.4	0.00	0.00	0.00
15,500.0	90.00	359.72	12,254.0	3,201.5	939.7	3,272.0	0.00	0.00	0.00
15,600.0	90.00	359.72	12,254.0	3,301.5	939.2	3,371.6	0.00	0.00	0.00
15,700.0	90.00	359.72	12,254.0	3,401.5	938.7	3,471.1	0.00	0.00	0.00
15,800.0	90.00	359.72	12,254.0	3,501.5	938.3	3,570.7	0.00	0.00	0.00
15,900.0	90.00	359.72	12,254.0	3,601.5	937.8	3,670.3	0.00	0.00	0.00
16,000.0	90.00	359.72	12,254.0	3,701.5	937.3	3,769.8	0.00	0.00	0.00
16,100.0	90.00	359.72	12,254.0	3,801.5	936.8	3,869.4	0.00	0.00	0.00
16,200.0	90.00	359.72	12,254.0	3,901.5	936.3	3,969.0	0.00	0.00	0.00
16,300.0	90.00	359.72	12,254.0	4,001.5	935.9	4,068.5	0.00	0.00	0.00
16,400.0	90.00	359.72	12,254.0	4,101.5	935.4	4,168.1	0.00	0.00	0.00
16,500.0	90.00	359.72	12,254.0	4,201.5	934.9	4,267.7	0.00	0.00	0.00
16,600.0	90.00	359.72	12,254.0	4,301.5	934.4	4,367.2	0.00	0.00	0.00
16,700.0	90.00	359.72	12,254.0	4,401.5	933.9	4,466.8	0.00	0.00	0.00
16,800.0	90.00	359.72	12,254.0	4,501.5	933.4	4,566.4	0.00	0.00	0.00
16,900.0	90.00	359.72	12,254.0	4,601.5	933.0	4,665.9	0.00	0.00	0.00
17,000.0	90.00	359.72	12,254.0	4,701.5	932.5	4,765.5	0.00	0.00	0.00
17,100.0	90.00	359.72	12,254.0	4,801.5	932.0	4,865.0	0.00	0.00	0.00
17,200.0	90.00	359.72	12,254.0	4,901.5	931.5	4,964.6	0.00	0.00	0.00
17,300.0	90.00	359.72	12,254.0	5,001.5	931.0	5,064.2	0.00	0.00	0.00
17,400.0	90.00	359.72	12,254.0	5,101.5	930.6	5,163.7	0.00	0.00	0.00
17,500.0	90.00	359.72	12,254.0	5,201.5	930.1	5,263.3	0.00	0.00	0.00
17,600.0	90.00	359.72	12,254.0	5,301.5	929.6	5,362.9	0.00	0.00	0.00
17,700.0	90.00	359.72	12,254.0	5,401.5	929.1	5,462.4	0.00	0.00	0.00
17,800.0	90.00	359.72	12,254.0	5,501.5	928.6	5,562.0	0.00	0.00	0.00
17,900.0	90.00	359.72	12,254.0	5,601.5	928.2	5,661.6	0.00	0.00	0.00
18,000.0	90.00	359.72	12,254.0	5,701.5	927.7	5,761.1	0.00	0.00	0.00
18,100.0	90.00	359.72	12,254.0	5,801.5	927.2	5,860.7	0.00	0.00	0.00
18,200.0	90.00	359.72	12,254.0	5,901.5	926.7	5,960.3	0.00	0.00	0.00
18,300.0	90.00	359.72	12,254.0	6,001.5	926.2	6,059.8	0.00	0.00	0.00
18,400.0	90.00	359.72	12,254.0	6,101.5	925.8	6,159.4	0.00	0.00	0.00
18,500.0	90.00	359.72	12,254.0	6,201.5	925.3	6,259.0	0.00	0.00	0.00
18,600.0	90.00	359.72	12,254.0	6,301.5	924.8	6,358.5	0.00	0.00	0.00
18,700.0	90.00	359.72	12,254.0	6,401.5	924.3	6,458.1	0.00	0.00	0.00
18,800.0	90.00	359.72	12,254.0	6,501.5	923.8	6,557.7	0.00	0.00	0.00
18,900.0	90.00	359.72	12,254.0	6,601.5	923.4	6,657.2	0.00	0.00	0.00

Planning Report

Database: EDM
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dauntless 7 Fed
Well: #713H
Wellbore: OH
Design: Plan #0.1

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

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
19,000.0	90.00	359.72	12,254.0	6,701.5	922.9	6,756.8	0.00	0.00	0.00
19,100.0	90.00	359.72	12,254.0	6,801.5	922.4	6,856.4	0.00	0.00	0.00
19,200.0	90.00	359.72	12,254.0	6,901.5	921.9	6,955.9	0.00	0.00	0.00
19,300.0	90.00	359.72	12,254.0	7,001.5	921.4	7,055.5	0.00	0.00	0.00
19,400.0	90.00	359.72	12,254.0	7,101.5	921.0	7,155.1	0.00	0.00	0.00
19,500.0	90.00	359.72	12,254.0	7,201.5	920.5	7,254.6	0.00	0.00	0.00
19,600.0	90.00	359.72	12,254.0	7,301.5	920.0	7,354.2	0.00	0.00	0.00
19,700.0	90.00	359.72	12,254.0	7,401.5	919.5	7,453.8	0.00	0.00	0.00
19,800.0	90.00	359.72	12,254.0	7,501.5	919.0	7,553.3	0.00	0.00	0.00
19,900.0	90.00	359.72	12,254.0	7,601.5	918.6	7,652.9	0.00	0.00	0.00
20,000.0	90.00	359.72	12,254.0	7,701.5	918.1	7,752.5	0.00	0.00	0.00
20,100.0	90.00	359.72	12,254.0	7,801.5	917.6	7,852.0	0.00	0.00	0.00
20,200.0	90.00	359.72	12,254.0	7,901.5	917.1	7,951.6	0.00	0.00	0.00
20,300.0	90.00	359.72	12,254.0	8,001.5	916.6	8,051.1	0.00	0.00	0.00
20,400.0	90.00	359.72	12,254.0	8,101.5	916.2	8,150.7	0.00	0.00	0.00
20,500.0	90.00	359.72	12,254.0	8,201.5	915.7	8,250.3	0.00	0.00	0.00
20,600.0	90.00	359.72	12,254.0	8,301.5	915.2	8,349.8	0.00	0.00	0.00
20,700.0	90.00	359.72	12,254.0	8,401.5	914.7	8,449.4	0.00	0.00	0.00
20,800.0	90.00	359.72	12,254.0	8,501.4	914.2	8,549.0	0.00	0.00	0.00
20,900.0	90.00	359.72	12,254.0	8,601.4	913.8	8,648.5	0.00	0.00	0.00
21,000.0	90.00	359.72	12,254.0	8,701.4	913.3	8,748.1	0.00	0.00	0.00
21,100.0	90.00	359.72	12,254.0	8,801.4	912.8	8,847.7	0.00	0.00	0.00
21,200.0	90.00	359.72	12,254.0	8,901.4	912.3	8,947.2	0.00	0.00	0.00
21,300.0	90.00	359.72	12,254.0	9,001.4	911.8	9,046.8	0.00	0.00	0.00
21,400.0	90.00	359.72	12,254.0	9,101.4	911.4	9,146.4	0.00	0.00	0.00
21,500.0	90.00	359.72	12,254.0	9,201.4	910.9	9,245.9	0.00	0.00	0.00
21,600.0	90.00	359.72	12,254.0	9,301.4	910.4	9,345.5	0.00	0.00	0.00
21,700.0	90.00	359.72	12,254.0	9,401.4	909.9	9,445.1	0.00	0.00	0.00
21,800.0	90.00	359.72	12,254.0	9,501.4	909.4	9,544.6	0.00	0.00	0.00
21,900.0	90.00	359.72	12,254.0	9,601.4	909.0	9,644.2	0.00	0.00	0.00
22,000.0	90.00	359.72	12,254.0	9,701.4	908.5	9,743.8	0.00	0.00	0.00
22,100.0	90.00	359.72	12,254.0	9,801.4	908.0	9,843.3	0.00	0.00	0.00
22,200.0	90.00	359.72	12,254.0	9,901.4	907.5	9,942.9	0.00	0.00	0.00
22,300.0	90.00	359.72	12,254.0	10,001.4	907.0	10,042.5	0.00	0.00	0.00
22,400.0	90.00	359.72	12,254.0	10,101.4	906.6	10,142.0	0.00	0.00	0.00
22,500.0	90.00	359.72	12,254.0	10,201.4	906.1	10,241.6	0.00	0.00	0.00
22,515.6	90.00	359.72	12,254.0	10,217.0	906.0	10,257.1	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N-S (usft)	+E-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(DL 7 Fed #713H) - plan hits target center - Point	0.00	0.00	11,776.5	-194.0	956.0	414,681.00	763,817.00	32° 8' 16.786 N	103° 36' 52.414 W
PBHL(DL 7 Fed #713H) - plan hits target center - Point	0.00	0.00	12,254.0	10,217.0	906.0	425,092.00	763,767.00	32° 9' 59.810 N	103° 36' 52.187 W
FTP(DL 7 Fed #713H) - plan misses target center by 163.4usft at 12231.8usft MD (12131.3 TVD, -36.1 N, 955.2 E) - Point	0.00	0.00	12,254.0	-144.0	956.0	414,731.00	763,817.00	32° 8' 17.280 N	103° 36' 52.410 W

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3516.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3516.0usft
Site:	Dauntless 7 Fed	North Reference:	Grid
Well:	#713H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		