

Well Name: YUKON 20 FED COM	Well Location: T24S / R34E / SEC 20 / NENW / 32.2089658 / -103.4954947	County or Parish/State: LEA / NM
Well Number: 311H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM17241	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254718700X1	Well Status: Approved Application for Permit to Drill	Operator: EOG RESOURCES INCORPORATED

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 03/08/2021	Time Sundry Submitted: 10:07
Date proposed operation will begin: 03/11/2021	

Procedure Description: This is a duplicate request due to a ticket that is lost in the system EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Change well number to 311H Change target formation to First Bone Spring Sand Adjust casing and cement program to accommodate shallower target

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

YUKON_20_FED_COM_311H_C_102_20210308100744.pdf

Yukon_20_Fed_Com_311H_Planning_Report_20210115073914_20210308100743.pdf

Yukon_20_Fed_Com_311H_Permit_Info___Rev_Name__TD__csg_12.21.2020_20210115073914_20210308100743.pdf

Yukon_20_Fed_Com_311H_Wall_Plot_20210115073936_20210308100743.pdf

Well Number: 311H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM17241	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254718700X1	Well Status: Approved Application for Permit to Drill	Operator: EOG RESOURCES INCORPORATED

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HARRELL	Signed on: MAR 08, 2021 10:07 AM
Name: EOG RESOURCES INCORPORATED	
Title: Regulatory Specialist	
Street Address: 1111 BAGBY SKY LOBBY2	
City: HOUSTON	State: TX
Phone: (713) 651-7000	
Email address:	

Field Representative

Representative Name: STAR HARRELL		
Street Address: 5509 CHAMPIONS DRIVE		
City: MIDLAND	State: TX	Zip: 79706
Phone: (432)848-9161		
Email address: Star_Harrell@eogresources.com		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 03/08/2021
Signature: Chris Walls	

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 3002547187	² Pool Code 96434	³ Pool Name RED HILLS, BONE SPRING NORTH
⁴ Property Code 327233	⁵ Property Name YUKON 20 FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number #311H ⁹ Elevation 3543'

¹⁰**Surface Location**

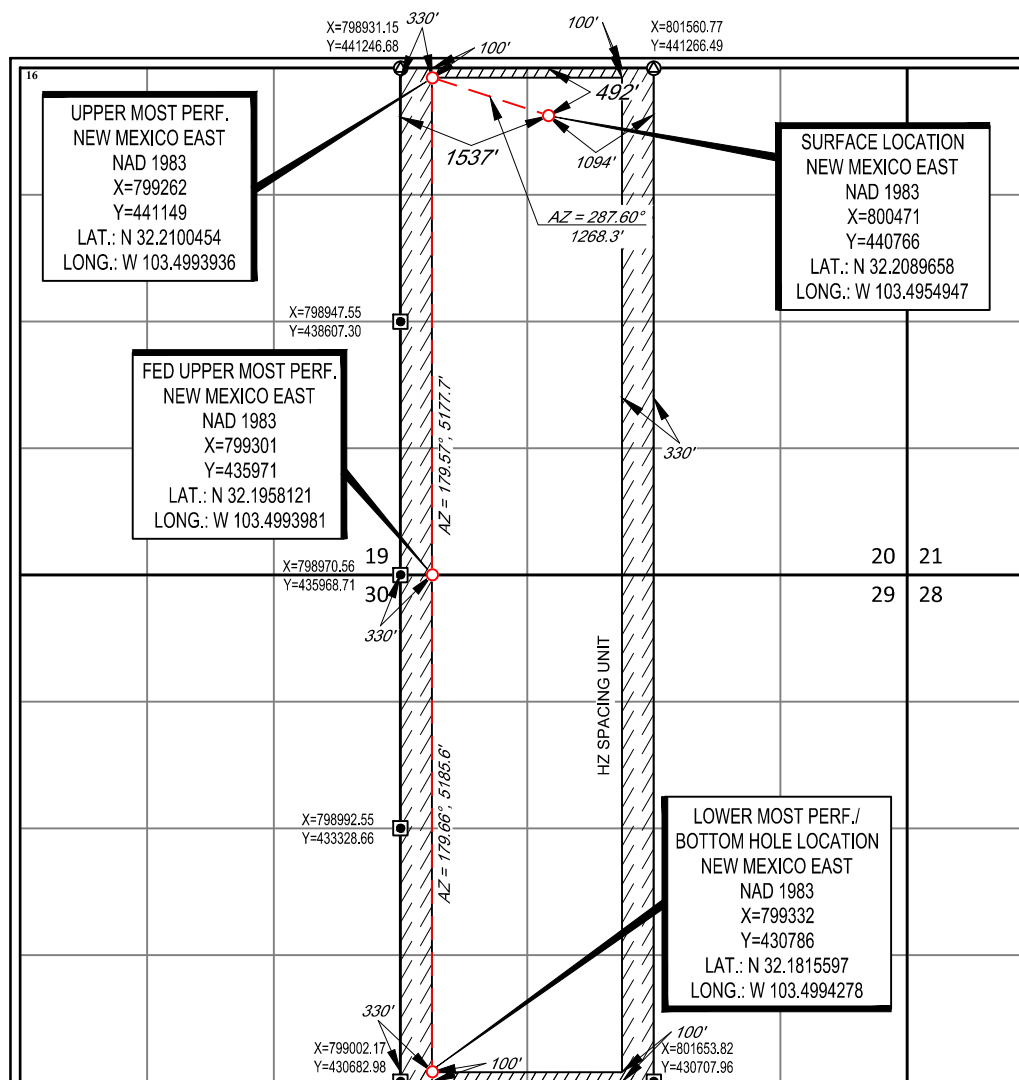
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	24-S	34-E	—	492'	NORTH	1537'	WEST	LEA

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
M	29	24-S	34-E	-	100'	SOUTH	330'	WEST	LEA

¹² Dedicated Acres 640.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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.

Signature Emily Follis Date 12/22/2020

EMILY FOLLIS

Printed Name _____

emily_follis@eogresources.com

E-mail Address _____

18 SURVEYOR 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.

10/10/2018

Date of Survey _____
Signature and Seal of Professional Surveyor _____

Certificate Number

Revised Permit Information 12/21/2020:

Well Name: Yukon 20 Fed Com #311H

Location:

SHL: 492' FNL & 1537' FWL, Section 20, T-24-S, R-34-E, Lea Co., N.M.

BHL: 100' FSL & 330' FWL, Section 29, T-24-S, R-34-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0' – 1,140'	13.375"	54.5#	J-55	STC	1.125	1.25	1.60
12.25"	0' – 4,000'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
12.25"	4,000' – 5,050'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0' – 10,560'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60
8.5"	10,560' – 20,496'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Variance is requested to waive the centralizer requirements for the 9-5/8" casing in the 12-1/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 12-1/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive any centralizer requirements for the 5-1/2" casing in the 8-3/4" and 8-1/2" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" and 8-1/2" hole interval to maximize cement bond and zonal isolation.

Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /sk	Slurry Description
1,140'	510	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	160	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 940')
5,050'	740	12.7	2.22	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	320	14.8	1.21	Tail: Class C + 10% NaCl + 3% MagOx (TOC @ 4,040')
20,496'	530	11.0	3.21	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 4,550')
	2,590	14.4	1.2	Tail: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 9,810')

Additive	Purpose
Bentonite Gel	Lightweight/Lost circulation prevention
Calcium Chloride	Accelerator
Cello-flake	Lost circulation prevention
Sodium Metasilicate	Accelerator
MagOx	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

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

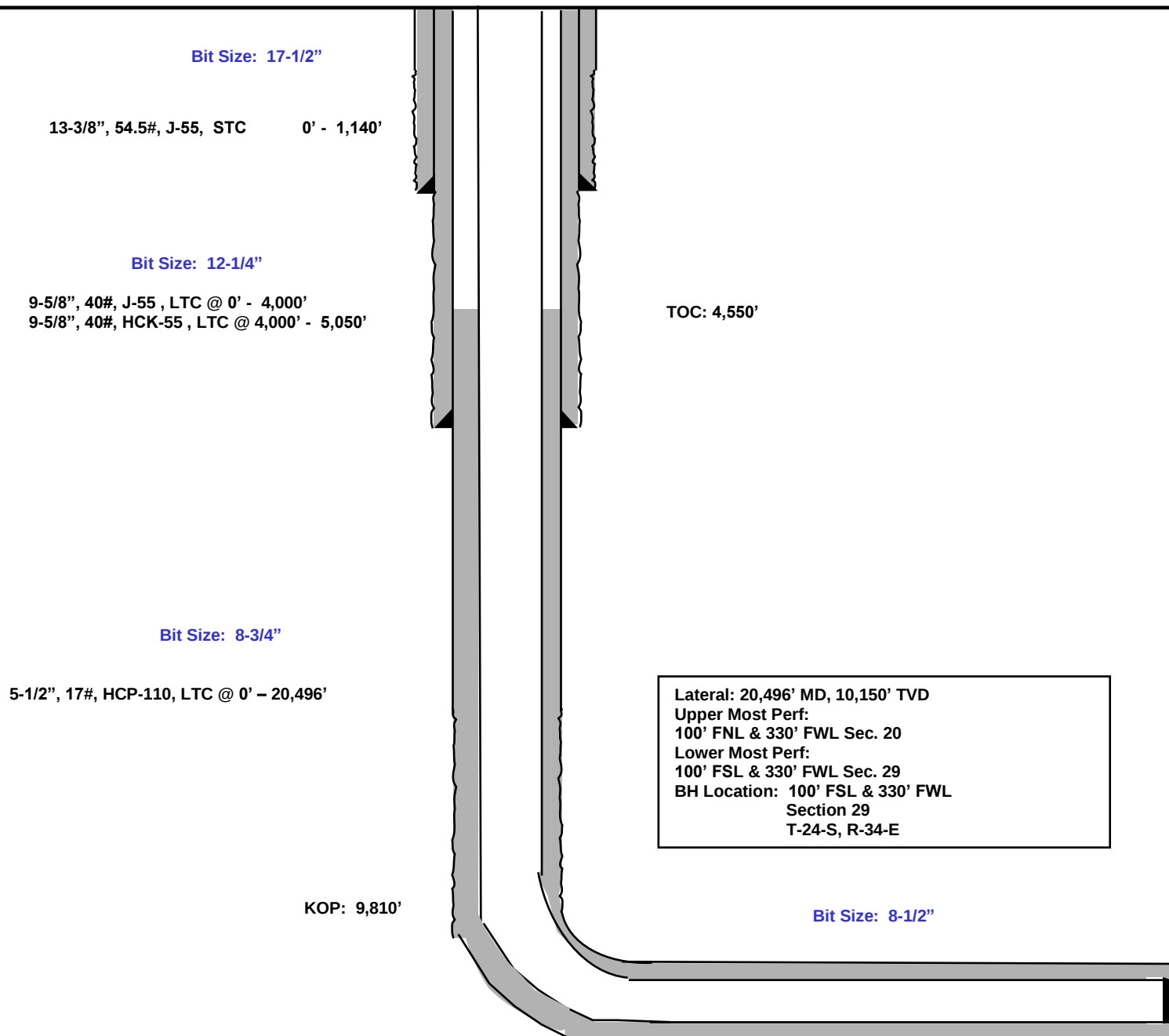
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,140'	Fresh - Gel	8.6-8.8	28-34	N/c
1,140' – 5,050'	Brine	8.6-8.8	28-34	N/c
5,050' – 20,496'	Oil Base	8.8-9.5	58-68	N/c - 6

492' FNL
1537' FWL
Section 20
T-24-S, R-34-E

Proposed Wellbore
Revised 12/21/2020

KB: 3,568'
GL: 3,543'

API: 30-025-47187





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Yukon 20 Fed Com

#311H

OH

Plan: Plan #0.1 RT

Standard Planning Report

08 December, 2020

EOG Resources

Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well #311H
Company:	EOG Resources - Midland	TVD Reference:	kb = 25' @ 3568.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 25' @ 3568.0usft
Site:	Yukon 20 Fed Com	North Reference:	Grid
Well:	#311H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

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	Yukon 20 Fed Com					
Site Position:		Northing:	440,613.00 usft	Latitude:	32° 12' 30.615 N	
From:	Map	Easting:	802,407.00 usft	Longitude:	103° 29' 21.259 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °

Well	#311H					
Well Position	+N/-S	153.0 usft	Northing:	440,766.00 usft	Latitude:	32° 12' 32.279 N
	+E/-W	-1,936.0 usft	Easting:	800,471.00 usft	Longitude:	103° 29' 43.778 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,543.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	12/8/2020	6.57	59.92	47,545.79743163

Design	Plan #0.1 RT			
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	186.51

Plan Survey Tool Program	Date	12/8/2020		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	20,495.8	Plan #0.1 RT (OH)	EOG MWD+IFR1
				MWD + IFR1

EOG Resources

Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well #311H
Company:	EOG Resources - Midland	TVD Reference:	kb = 25' @ 3568.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 25' @ 3568.0usft
Site:	Yukon 20 Fed Com	North Reference:	Grid
Well:	#311H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

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	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,934.2	12.68	289.70	1,929.0	23.6	-65.8	2.00	2.00	0.00	289.70	
7,146.4	12.68	289.70	7,014.0	409.4	-1,143.2	0.00	0.00	0.00	0.00	
7,780.5	0.00	0.00	7,643.0	433.0	-1,209.0	2.00	-2.00	0.00	180.00	
9,810.0	0.00	0.00	9,672.5	433.0	-1,209.0	0.00	0.00	0.00	0.00	KOP(Yukon 20 Fed C
10,030.5	26.46	180.00	9,885.2	383.0	-1,209.0	12.00	12.00	81.65	180.00	FTP(Yukon 20 Fed C
10,560.0	90.00	179.56	10,149.9	-44.5	-1,206.7	12.00	12.00	-0.08	-0.49	
15,310.7	90.00	179.56	10,150.0	-4,795.0	-1,170.0	0.00	0.00	0.00	0.00	Fed Perf 1(Yukon 20 I
20,495.8	90.00	179.76	10,150.0	-9,980.0	-1,139.0	0.00	0.00	0.00	89.63	PBHL(Yukon 20 Fed t

EOG Resources

Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well #311H
Company:	EOG Resources - Midland	TVD Reference:	kb = 25' @ 3568.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 25' @ 3568.0usft
Site:	Yukon 20 Fed Com	North Reference:	Grid
Well:	#311H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

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	2.00	289.70	1,400.0	0.6	-1.6	-0.4	2.00	2.00	0.00
1,500.0	4.00	289.70	1,499.8	2.4	-6.6	-1.6	2.00	2.00	0.00
1,600.0	6.00	289.70	1,599.5	5.3	-14.8	-3.6	2.00	2.00	0.00
1,700.0	8.00	289.70	1,698.7	9.4	-26.2	-6.4	2.00	2.00	0.00
1,800.0	10.00	289.70	1,797.5	14.7	-41.0	-9.9	2.00	2.00	0.00
1,900.0	12.00	289.70	1,895.6	21.1	-58.9	-14.3	2.00	2.00	0.00
1,934.2	12.68	289.70	1,929.0	23.6	-65.8	-16.0	2.00	2.00	0.00
2,000.0	12.68	289.70	1,993.2	28.4	-79.4	-19.3	0.00	0.00	0.00
2,100.0	12.68	289.70	2,090.8	35.8	-100.1	-24.3	0.00	0.00	0.00
2,200.0	12.68	289.70	2,188.3	43.3	-120.8	-29.3	0.00	0.00	0.00
2,300.0	12.68	289.70	2,285.9	50.7	-141.4	-34.3	0.00	0.00	0.00
2,400.0	12.68	289.70	2,383.5	58.1	-162.1	-39.3	0.00	0.00	0.00
2,500.0	12.68	289.70	2,481.0	65.5	-182.8	-44.3	0.00	0.00	0.00
2,600.0	12.68	289.70	2,578.6	72.9	-203.4	-49.3	0.00	0.00	0.00
2,700.0	12.68	289.70	2,676.1	80.3	-224.1	-54.3	0.00	0.00	0.00
2,800.0	12.68	289.70	2,773.7	87.7	-244.8	-59.3	0.00	0.00	0.00
2,900.0	12.68	289.70	2,871.3	95.1	-265.5	-64.4	0.00	0.00	0.00
3,000.0	12.68	289.70	2,968.8	102.5	-286.1	-69.4	0.00	0.00	0.00
3,100.0	12.68	289.70	3,066.4	109.9	-306.8	-74.4	0.00	0.00	0.00
3,200.0	12.68	289.70	3,163.9	117.3	-327.5	-79.4	0.00	0.00	0.00
3,300.0	12.68	289.70	3,261.5	124.7	-348.1	-84.4	0.00	0.00	0.00
3,400.0	12.68	289.70	3,359.1	132.1	-368.8	-89.4	0.00	0.00	0.00
3,500.0	12.68	289.70	3,456.6	139.5	-389.5	-94.4	0.00	0.00	0.00
3,600.0	12.68	289.70	3,554.2	146.9	-410.1	-99.4	0.00	0.00	0.00
3,700.0	12.68	289.70	3,651.7	154.3	-430.8	-104.4	0.00	0.00	0.00
3,800.0	12.68	289.70	3,749.3	161.7	-451.5	-109.5	0.00	0.00	0.00
3,900.0	12.68	289.70	3,846.9	169.1	-472.2	-114.5	0.00	0.00	0.00
4,000.0	12.68	289.70	3,944.4	176.5	-492.8	-119.5	0.00	0.00	0.00
4,100.0	12.68	289.70	4,042.0	183.9	-513.5	-124.5	0.00	0.00	0.00
4,200.0	12.68	289.70	4,139.5	191.3	-534.2	-129.5	0.00	0.00	0.00
4,300.0	12.68	289.70	4,237.1	198.7	-554.8	-134.5	0.00	0.00	0.00
4,400.0	12.68	289.70	4,334.7	206.1	-575.5	-139.5	0.00	0.00	0.00
4,500.0	12.68	289.70	4,432.2	213.5	-596.2	-144.5	0.00	0.00	0.00
4,600.0	12.68	289.70	4,529.8	220.9	-616.8	-149.6	0.00	0.00	0.00
4,700.0	12.68	289.70	4,627.3	228.3	-637.5	-154.6	0.00	0.00	0.00
4,800.0	12.68	289.70	4,724.9	235.7	-658.2	-159.6	0.00	0.00	0.00
4,900.0	12.68	289.70	4,822.5	243.1	-678.9	-164.6	0.00	0.00	0.00
5,000.0	12.68	289.70	4,920.0	250.5	-699.5	-169.6	0.00	0.00	0.00
5,100.0	12.68	289.70	5,017.6	257.9	-720.2	-174.6	0.00	0.00	0.00
5,200.0	12.68	289.70	5,115.1	265.3	-740.9	-179.6	0.00	0.00	0.00

EOG Resources

Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well #311H
Company:	EOG Resources - Midland	TVD Reference:	kb = 25' @ 3568.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 25' @ 3568.0usft
Site:	Yukon 20 Fed Com	North Reference:	Grid
Well:	#311H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

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	12.68	289.70	5,212.7	272.7	-761.5	-184.6	0.00	0.00	0.00
5,400.0	12.68	289.70	5,310.3	280.1	-782.2	-189.6	0.00	0.00	0.00
5,500.0	12.68	289.70	5,407.8	287.5	-802.9	-194.7	0.00	0.00	0.00
5,600.0	12.68	289.70	5,505.4	295.0	-823.6	-199.7	0.00	0.00	0.00
5,700.0	12.68	289.70	5,602.9	302.4	-844.2	-204.7	0.00	0.00	0.00
5,800.0	12.68	289.70	5,700.5	309.8	-864.9	-209.7	0.00	0.00	0.00
5,900.0	12.68	289.70	5,798.1	317.2	-885.6	-214.7	0.00	0.00	0.00
6,000.0	12.68	289.70	5,895.6	324.6	-906.2	-219.7	0.00	0.00	0.00
6,100.0	12.68	289.70	5,993.2	332.0	-926.9	-224.7	0.00	0.00	0.00
6,200.0	12.68	289.70	6,090.7	339.4	-947.6	-229.7	0.00	0.00	0.00
6,300.0	12.68	289.70	6,188.3	346.8	-968.2	-234.7	0.00	0.00	0.00
6,400.0	12.68	289.70	6,285.9	354.2	-988.9	-239.8	0.00	0.00	0.00
6,500.0	12.68	289.70	6,383.4	361.6	-1,009.6	-244.8	0.00	0.00	0.00
6,600.0	12.68	289.70	6,481.0	369.0	-1,030.3	-249.8	0.00	0.00	0.00
6,700.0	12.68	289.70	6,578.5	376.4	-1,050.9	-254.8	0.00	0.00	0.00
6,800.0	12.68	289.70	6,676.1	383.8	-1,071.6	-259.8	0.00	0.00	0.00
6,900.0	12.68	289.70	6,773.7	391.2	-1,092.3	-264.8	0.00	0.00	0.00
7,000.0	12.68	289.70	6,871.2	398.6	-1,112.9	-269.8	0.00	0.00	0.00
7,100.0	12.68	289.70	6,968.8	406.0	-1,133.6	-274.8	0.00	0.00	0.00
7,146.4	12.68	289.70	7,014.0	409.4	-1,143.2	-277.2	0.00	0.00	0.00
7,200.0	11.61	289.70	7,066.4	413.2	-1,153.8	-279.7	2.00	-2.00	0.00
7,300.0	9.61	289.70	7,164.7	419.4	-1,171.1	-283.9	2.00	-2.00	0.00
7,400.0	7.61	289.70	7,263.6	424.5	-1,185.2	-287.4	2.00	-2.00	0.00
7,500.0	5.61	289.70	7,362.9	428.4	-1,196.1	-290.0	2.00	-2.00	0.00
7,600.0	3.61	289.70	7,462.6	431.1	-1,203.6	-291.8	2.00	-2.00	0.00
7,700.0	1.61	289.70	7,562.5	432.6	-1,207.9	-292.9	2.00	-2.00	0.00
7,780.5	0.00	0.00	7,643.0	433.0	-1,209.0	-293.1	2.00	-2.00	0.00
7,800.0	0.00	0.00	7,662.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
7,900.0	0.00	0.00	7,762.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,000.0	0.00	0.00	7,862.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,100.0	0.00	0.00	7,962.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,200.0	0.00	0.00	8,062.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,300.0	0.00	0.00	8,162.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,400.0	0.00	0.00	8,262.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,500.0	0.00	0.00	8,362.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,600.0	0.00	0.00	8,462.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,700.0	0.00	0.00	8,562.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,800.0	0.00	0.00	8,662.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
8,900.0	0.00	0.00	8,762.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,000.0	0.00	0.00	8,862.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,100.0	0.00	0.00	8,962.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,200.0	0.00	0.00	9,062.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,300.0	0.00	0.00	9,162.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,400.0	0.00	0.00	9,262.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,500.0	0.00	0.00	9,362.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,600.0	0.00	0.00	9,462.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,700.0	0.00	0.00	9,562.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,800.0	0.00	0.00	9,662.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
9,810.0	0.00	0.00	9,672.5	433.0	-1,209.0	-293.1	0.00	0.00	0.00
KOP(Yukon 20 Fed Com #311H)									
9,825.0	1.80	180.00	9,687.5	432.8	-1,209.0	-292.9	12.00	12.00	0.00
9,850.0	4.80	180.00	9,712.4	431.3	-1,209.0	-291.5	12.00	12.00	0.00
9,875.0	7.80	180.00	9,737.3	428.6	-1,209.0	-288.7	12.00	12.00	0.00

EOG Resources

Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well #311H
Company:	EOG Resources - Midland	TVD Reference:	kb = 25' @ 3568.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 25' @ 3568.0usft
Site:	Yukon 20 Fed Com	North Reference:	Grid
Well:	#311H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

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)	
9,900.0	10.80	180.00	9,762.0	424.5	-1,209.0	-284.7	12.00	12.00	0.00	
9,925.0	13.80	180.00	9,786.4	419.2	-1,209.0	-279.4	12.00	12.00	0.00	
9,950.0	16.80	180.00	9,810.5	412.6	-1,209.0	-272.9	12.00	12.00	0.00	
9,975.0	19.80	180.00	9,834.2	404.8	-1,209.0	-265.1	12.00	12.00	0.00	
10,000.0	22.80	180.00	9,857.5	395.7	-1,209.0	-256.1	12.00	12.00	0.00	
10,025.0	25.80	180.00	9,880.3	385.4	-1,209.0	-245.8	12.00	12.00	0.00	
10,030.5	26.46	180.00	9,885.2	383.0	-1,209.0	-243.4	12.00	12.00	0.00	
FTP(Yukon 20 Fed Com #311H)										
10,050.0	28.80	179.96	9,902.5	373.9	-1,209.0	-234.4	12.00	12.00	-0.21	
10,075.0	31.80	179.91	9,924.1	361.3	-1,209.0	-221.9	12.00	12.00	-0.18	
10,100.0	34.80	179.87	9,945.0	347.6	-1,209.0	-208.3	12.00	12.00	-0.15	
10,125.0	37.80	179.84	9,965.1	332.8	-1,208.9	-193.6	12.00	12.00	-0.13	
10,150.0	40.80	179.81	9,984.5	317.0	-1,208.9	-177.9	12.00	12.00	-0.12	
10,175.0	43.80	179.79	10,003.0	300.2	-1,208.8	-161.1	12.00	12.00	-0.10	
10,200.0	46.80	179.76	10,020.5	282.4	-1,208.7	-143.5	12.00	12.00	-0.09	
10,225.0	49.80	179.74	10,037.2	263.7	-1,208.7	-125.0	12.00	12.00	-0.08	
10,250.0	52.80	179.72	10,052.8	244.2	-1,208.6	-105.6	12.00	12.00	-0.08	
10,275.0	55.80	179.71	10,067.4	223.9	-1,208.5	-85.4	12.00	12.00	-0.07	
10,300.0	58.80	179.69	10,080.9	202.9	-1,208.4	-64.5	12.00	12.00	-0.07	
10,325.0	61.80	179.68	10,093.3	181.2	-1,208.2	-43.0	12.00	12.00	-0.06	
10,350.0	64.80	179.66	10,104.5	158.8	-1,208.1	-20.8	12.00	12.00	-0.06	
10,375.0	67.80	179.65	10,114.6	135.9	-1,208.0	1.9	12.00	12.00	-0.06	
10,400.0	70.80	179.63	10,123.4	112.6	-1,207.8	25.1	12.00	12.00	-0.05	
10,425.0	73.80	179.62	10,131.0	88.7	-1,207.7	48.8	12.00	12.00	-0.05	
10,450.0	76.80	179.61	10,137.3	64.6	-1,207.5	72.8	12.00	12.00	-0.05	
10,475.0	79.80	179.60	10,142.4	40.1	-1,207.3	97.1	12.00	12.00	-0.05	
10,500.0	82.80	179.59	10,146.2	15.4	-1,207.2	121.6	12.00	12.00	-0.05	
10,525.0	85.80	179.57	10,148.7	-9.5	-1,207.0	146.3	12.00	12.00	-0.05	
10,550.0	88.80	179.56	10,149.8	-34.5	-1,206.8	171.1	12.00	12.00	-0.05	
10,560.0	90.00	179.56	10,149.9	-44.5	-1,206.7	181.0	12.00	12.00	-0.05	
10,600.0	90.00	179.56	10,149.9	-84.5	-1,206.4	220.7	0.00	0.00	0.00	
10,700.0	90.00	179.56	10,149.9	-184.5	-1,205.6	320.0	0.00	0.00	0.00	
10,800.0	90.00	179.56	10,149.9	-284.5	-1,204.9	419.2	0.00	0.00	0.00	
10,900.0	90.00	179.56	10,149.9	-384.4	-1,204.1	518.5	0.00	0.00	0.00	
11,000.0	90.00	179.56	10,150.0	-484.4	-1,203.3	617.8	0.00	0.00	0.00	
11,100.0	90.00	179.56	10,150.0	-584.4	-1,202.5	717.0	0.00	0.00	0.00	
11,200.0	90.00	179.56	10,150.0	-684.4	-1,201.8	816.3	0.00	0.00	0.00	
11,300.0	90.00	179.56	10,150.0	-784.4	-1,201.0	915.6	0.00	0.00	0.00	
11,400.0	90.00	179.56	10,150.0	-884.4	-1,200.2	1,014.8	0.00	0.00	0.00	
11,500.0	90.00	179.56	10,150.0	-984.4	-1,199.5	1,114.1	0.00	0.00	0.00	
11,600.0	90.00	179.56	10,150.0	-1,084.4	-1,198.7	1,213.4	0.00	0.00	0.00	
11,700.0	90.00	179.56	10,150.0	-1,184.4	-1,197.9	1,312.6	0.00	0.00	0.00	
11,800.0	90.00	179.56	10,150.0	-1,284.4	-1,197.1	1,411.9	0.00	0.00	0.00	
11,900.0	90.00	179.56	10,150.0	-1,384.4	-1,196.4	1,511.1	0.00	0.00	0.00	
12,000.0	90.00	179.56	10,150.0	-1,484.4	-1,195.6	1,610.4	0.00	0.00	0.00	
12,100.0	90.00	179.56	10,150.0	-1,584.4	-1,194.8	1,709.7	0.00	0.00	0.00	
12,200.0	90.00	179.56	10,150.0	-1,684.4	-1,194.0	1,808.9	0.00	0.00	0.00	
12,300.0	90.00	179.56	10,150.0	-1,784.4	-1,193.3	1,908.2	0.00	0.00	0.00	
12,400.0	90.00	179.56	10,150.0	-1,884.4	-1,192.5	2,007.5	0.00	0.00	0.00	
12,500.0	90.00	179.56	10,150.0	-1,984.4	-1,191.7	2,106.7	0.00	0.00	0.00	
12,600.0	90.00	179.56	10,150.0	-2,084.4	-1,190.9	2,206.0	0.00	0.00	0.00	
12,700.0	90.00	179.56	10,150.0	-2,184.4	-1,190.2	2,305.3	0.00	0.00	0.00	
12,800.0	90.00	179.56	10,150.0	-2,284.4	-1,189.4	2,404.5	0.00	0.00	0.00	
12,900.0	90.00	179.56	10,150.0	-2,384.4	-1,188.6	2,503.8	0.00	0.00	0.00	

EOG Resources

Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well #311H
Company:	EOG Resources - Midland	TVD Reference:	kb = 25' @ 3568.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 25' @ 3568.0usft
Site:	Yukon 20 Fed Com	North Reference:	Grid
Well:	#311H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

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)
13,000.0	90.00	179.56	10,150.0	-2,484.4	-1,187.9	2,603.1	0.00	0.00	0.00
13,100.0	90.00	179.56	10,150.0	-2,584.4	-1,187.1	2,702.3	0.00	0.00	0.00
13,200.0	90.00	179.56	10,150.0	-2,684.4	-1,186.3	2,801.6	0.00	0.00	0.00
13,300.0	90.00	179.56	10,150.0	-2,784.4	-1,185.5	2,900.8	0.00	0.00	0.00
13,400.0	90.00	179.56	10,150.0	-2,884.4	-1,184.8	3,000.1	0.00	0.00	0.00
13,500.0	90.00	179.56	10,150.0	-2,984.4	-1,184.0	3,099.4	0.00	0.00	0.00
13,600.0	90.00	179.56	10,150.0	-3,084.4	-1,183.2	3,198.6	0.00	0.00	0.00
13,700.0	90.00	179.56	10,150.0	-3,184.4	-1,182.4	3,297.9	0.00	0.00	0.00
13,800.0	90.00	179.56	10,150.0	-3,284.4	-1,181.7	3,397.2	0.00	0.00	0.00
13,900.0	90.00	179.56	10,150.0	-3,384.4	-1,180.9	3,496.4	0.00	0.00	0.00
14,000.0	90.00	179.56	10,150.0	-3,484.4	-1,180.1	3,595.7	0.00	0.00	0.00
14,100.0	90.00	179.56	10,150.0	-3,584.4	-1,179.4	3,695.0	0.00	0.00	0.00
14,200.0	90.00	179.56	10,150.0	-3,684.3	-1,178.6	3,794.2	0.00	0.00	0.00
14,300.0	90.00	179.56	10,150.0	-3,784.3	-1,177.8	3,893.5	0.00	0.00	0.00
14,400.0	90.00	179.56	10,150.0	-3,884.3	-1,177.0	3,992.8	0.00	0.00	0.00
14,500.0	90.00	179.56	10,150.0	-3,984.3	-1,176.3	4,092.0	0.00	0.00	0.00
14,600.0	90.00	179.56	10,150.0	-4,084.3	-1,175.5	4,191.3	0.00	0.00	0.00
14,700.0	90.00	179.56	10,150.0	-4,184.3	-1,174.7	4,290.6	0.00	0.00	0.00
14,800.0	90.00	179.56	10,150.0	-4,284.3	-1,173.9	4,389.8	0.00	0.00	0.00
14,900.0	90.00	179.56	10,150.0	-4,384.3	-1,173.2	4,489.1	0.00	0.00	0.00
15,000.0	90.00	179.56	10,150.0	-4,484.3	-1,172.4	4,588.3	0.00	0.00	0.00
15,100.0	90.00	179.56	10,150.0	-4,584.3	-1,171.6	4,687.6	0.00	0.00	0.00
15,200.0	90.00	179.56	10,150.0	-4,684.3	-1,170.9	4,786.9	0.00	0.00	0.00
15,300.0	90.00	179.56	10,150.0	-4,784.3	-1,170.1	4,886.1	0.00	0.00	0.00
15,310.7	90.00	179.56	10,150.0	-4,795.0	-1,170.0	4,896.7	0.00	0.00	0.00
Fed Perf 1(Yukon 20 Fed Com #311H)									
15,400.0	90.00	179.56	10,150.0	-4,884.3	-1,169.3	4,985.4	0.00	0.00	0.00
15,500.0	90.00	179.56	10,150.0	-4,984.3	-1,168.5	5,084.7	0.00	0.00	0.00
15,600.0	90.00	179.57	10,150.0	-5,084.3	-1,167.8	5,183.9	0.00	0.00	0.00
15,700.0	90.00	179.57	10,150.0	-5,184.3	-1,167.0	5,283.2	0.00	0.00	0.00
15,800.0	90.00	179.58	10,150.0	-5,284.3	-1,166.3	5,382.5	0.00	0.00	0.00
15,900.0	90.00	179.58	10,150.0	-5,384.3	-1,165.6	5,481.7	0.00	0.00	0.00
16,000.0	90.00	179.58	10,150.0	-5,484.3	-1,164.8	5,581.0	0.00	0.00	0.00
16,100.0	90.00	179.59	10,150.0	-5,584.3	-1,164.1	5,680.3	0.00	0.00	0.00
16,200.0	90.00	179.59	10,150.0	-5,684.3	-1,163.4	5,779.5	0.00	0.00	0.00
16,300.0	90.00	179.60	10,150.0	-5,784.3	-1,162.7	5,878.8	0.00	0.00	0.00
16,400.0	90.00	179.60	10,150.0	-5,884.3	-1,162.0	5,978.1	0.00	0.00	0.00
16,500.0	90.00	179.60	10,150.0	-5,984.3	-1,161.3	6,077.4	0.00	0.00	0.00
16,600.0	90.00	179.61	10,150.0	-6,084.3	-1,160.6	6,176.6	0.00	0.00	0.00
16,700.0	90.00	179.61	10,150.0	-6,184.3	-1,159.9	6,275.9	0.00	0.00	0.00
16,800.0	90.00	179.61	10,150.0	-6,284.3	-1,159.2	6,375.2	0.00	0.00	0.00
16,900.0	90.00	179.62	10,150.0	-6,384.3	-1,158.6	6,474.5	0.00	0.00	0.00
17,000.0	90.00	179.62	10,150.0	-6,484.3	-1,157.9	6,573.7	0.00	0.00	0.00
17,100.0	90.00	179.63	10,150.0	-6,584.3	-1,157.3	6,673.0	0.00	0.00	0.00
17,200.0	90.00	179.63	10,150.0	-6,684.3	-1,156.6	6,772.3	0.00	0.00	0.00
17,300.0	90.00	179.63	10,150.0	-6,784.3	-1,156.0	6,871.6	0.00	0.00	0.00
17,400.0	90.00	179.64	10,150.0	-6,884.3	-1,155.3	6,970.9	0.00	0.00	0.00
17,500.0	90.00	179.64	10,150.0	-6,984.3	-1,154.7	7,070.1	0.00	0.00	0.00
17,600.0	90.00	179.65	10,150.0	-7,084.3	-1,154.1	7,169.4	0.00	0.00	0.00
17,700.0	90.00	179.65	10,150.0	-7,184.3	-1,153.5	7,268.7	0.00	0.00	0.00
17,800.0	90.00	179.65	10,150.0	-7,284.3	-1,152.9	7,368.0	0.00	0.00	0.00
17,900.0	90.00	179.66	10,150.0	-7,384.3	-1,152.3	7,467.3	0.00	0.00	0.00
18,000.0	90.00	179.66	10,150.0	-7,484.3	-1,151.7	7,566.6	0.00	0.00	0.00

EOG Resources

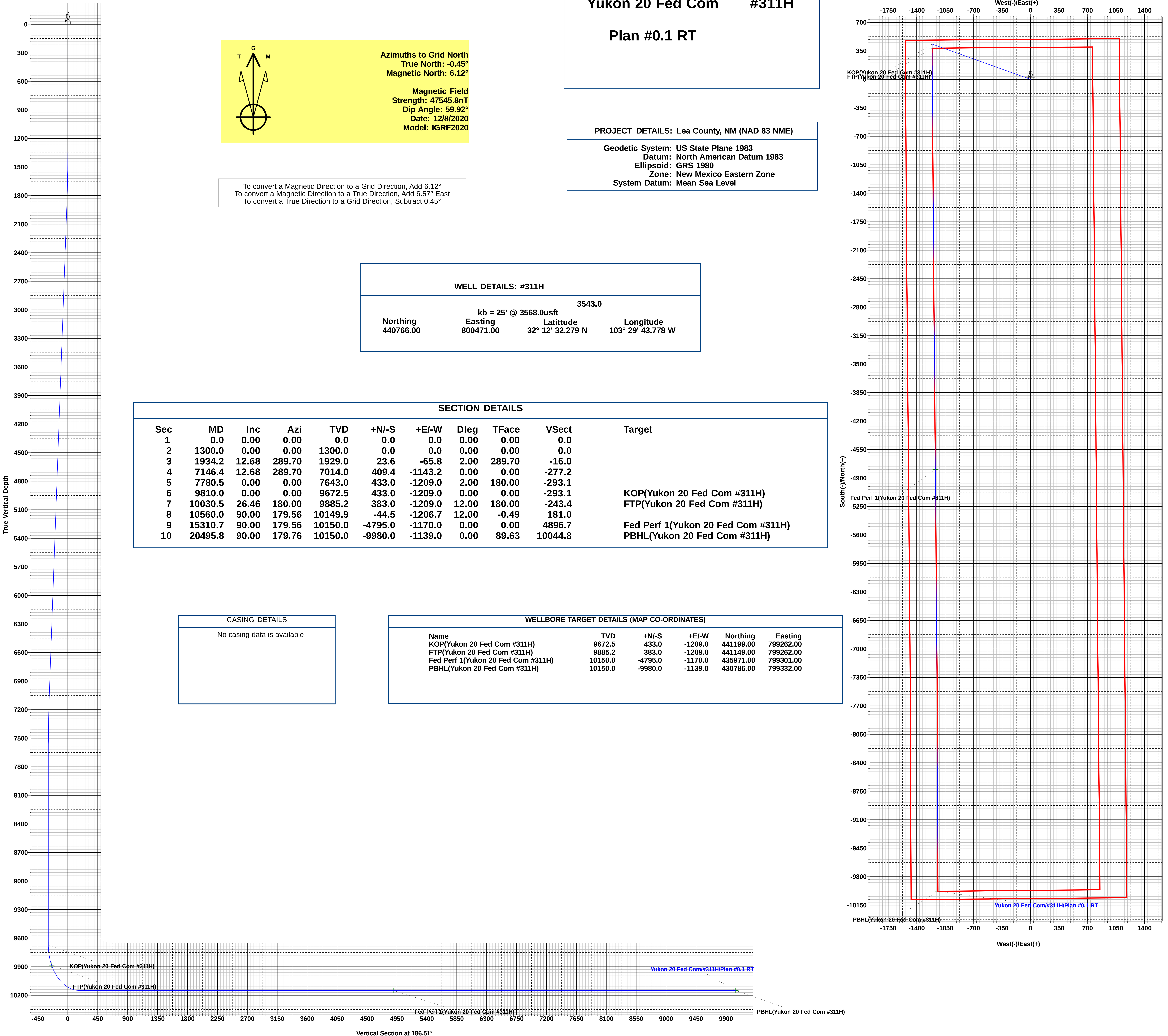
Planning Report

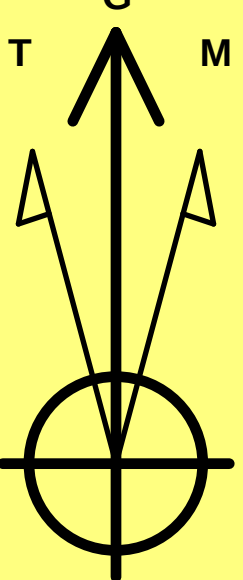


Database:	EDM	Local Co-ordinate Reference:	Well #311H
Company:	EOG Resources - Midland	TVD Reference:	kb = 25' @ 3568.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	kb = 25' @ 3568.0usft
Site:	Yukon 20 Fed Com	North Reference:	Grid
Well:	#311H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1 RT		

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)	
18,100.0	90.00	179.67	10,150.0	-7,584.3	-1,151.1	7,665.9	0.00	0.00	0.00	
18,200.0	90.00	179.67	10,150.0	-7,684.2	-1,150.5	7,765.1	0.00	0.00	0.00	
18,300.0	90.00	179.67	10,150.0	-7,784.2	-1,149.9	7,864.4	0.00	0.00	0.00	
18,400.0	90.00	179.68	10,150.0	-7,884.2	-1,149.3	7,963.7	0.00	0.00	0.00	
18,500.0	90.00	179.68	10,150.0	-7,984.2	-1,148.8	8,063.0	0.00	0.00	0.00	
18,600.0	90.00	179.68	10,150.0	-8,084.2	-1,148.2	8,162.3	0.00	0.00	0.00	
18,700.0	90.00	179.69	10,150.0	-8,184.2	-1,147.7	8,261.6	0.00	0.00	0.00	
18,800.0	90.00	179.69	10,150.0	-8,284.2	-1,147.1	8,360.9	0.00	0.00	0.00	
18,900.0	90.00	179.70	10,150.0	-8,384.2	-1,146.6	8,460.2	0.00	0.00	0.00	
19,000.0	90.00	179.70	10,150.0	-8,484.2	-1,146.1	8,559.5	0.00	0.00	0.00	
19,100.0	90.00	179.70	10,150.0	-8,584.2	-1,145.6	8,658.8	0.00	0.00	0.00	
19,200.0	90.00	179.71	10,150.0	-8,684.2	-1,145.0	8,758.1	0.00	0.00	0.00	
19,300.0	90.00	179.71	10,150.0	-8,784.2	-1,144.5	8,857.4	0.00	0.00	0.00	
19,400.0	90.00	179.72	10,150.0	-8,884.2	-1,144.0	8,956.7	0.00	0.00	0.00	
19,500.0	90.00	179.72	10,150.0	-8,984.2	-1,143.5	9,056.0	0.00	0.00	0.00	
19,600.0	90.00	179.72	10,150.0	-9,084.2	-1,143.1	9,155.3	0.00	0.00	0.00	
19,700.0	90.00	179.73	10,150.0	-9,184.2	-1,142.6	9,254.6	0.00	0.00	0.00	
19,800.0	90.00	179.73	10,150.0	-9,284.2	-1,142.1	9,353.9	0.00	0.00	0.00	
19,900.0	90.00	179.73	10,150.0	-9,384.2	-1,141.6	9,453.2	0.00	0.00	0.00	
20,000.0	90.00	179.74	10,150.0	-9,484.2	-1,141.2	9,552.5	0.00	0.00	0.00	
20,100.0	90.00	179.74	10,150.0	-9,584.2	-1,140.7	9,651.8	0.00	0.00	0.00	
20,200.0	90.00	179.75	10,150.0	-9,684.2	-1,140.3	9,751.1	0.00	0.00	0.00	
20,300.0	90.00	179.75	10,150.0	-9,784.2	-1,139.8	9,850.4	0.00	0.00	0.00	
20,400.0	90.00	179.75	10,150.0	-9,884.2	-1,139.4	9,949.7	0.00	0.00	0.00	
20,495.8	90.00	179.76	10,150.0	-9,980.0	-1,139.0	10,044.8	0.00	0.00	0.00	
PBHL(Yukon 20 Fed Com #311H)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
KOP(Yukon 20 Fed Cor - plan hits target center - Shape	0.00	0.00	9,672.5	433.0	-1,209.0	441,199.00	799,262.00	32° 12' 36.657 N	103° 29' 57.810 W	
FTP(Yukon 20 Fed Com - plan hits target center - Point	0.00	0.00	9,885.2	383.0	-1,209.0	441,149.00	799,262.00	32° 12' 36.162 N	103° 29' 57.814 W	
Fed Perf 1(Yukon 20 Fed - plan hits target center - Point	0.00	0.00	10,150.0	-4,795.0	-1,170.0	435,971.00	799,301.00	32° 11' 44.922 N	103° 29' 57.828 W	
PBHL(Yukon 20 Fed Co - plan hits target center - Point	0.00	0.00	10,150.0	-9,980.0	-1,139.0	430,786.00	799,332.00	32° 10' 53.614 N	103° 29' 57.935 W	





Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.12°

Magnetic Field
Strength: 47545.8nT
Dip Angle: 59.92°
Date: 12/8/2020
Model: IGRF2020

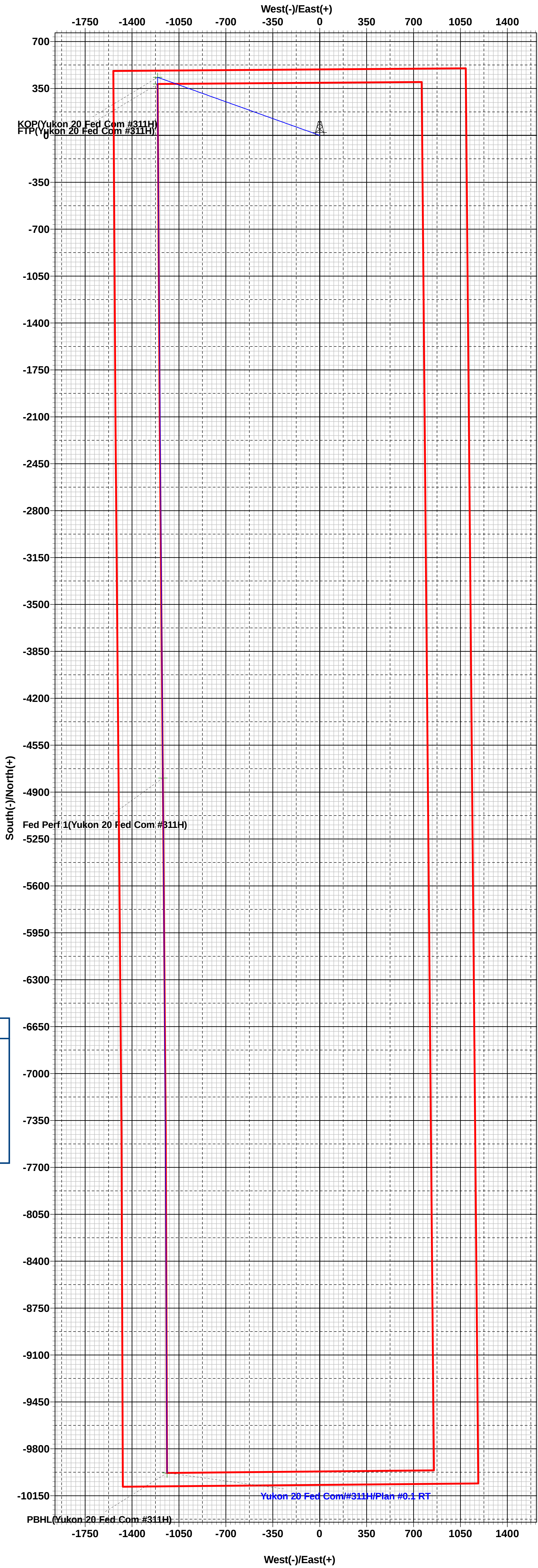
To convert a Magnetic Direction to a Grid Direction, Add 6.12°
To convert a Magnetic Direction to a True Direction, Add 6.57° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

WELL DETAILS: #311H				
			3543.0	
kb = 25' @ 3568.0usft				
Northing	Easting	Latitude	Longitude	
440766.00	800471.00	32° 12' 32.279 N	103° 29' 43.778 W	

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	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	1934.2	12.68	289.70	1929.0	23.6	-65.8	2.00	289.70	-16.0	
4	7146.4	12.68	289.70	7014.0	409.4	-1143.2	0.00	0.00	-277.2	
5	7780.5	0.00	0.00	7643.0	433.0	-1209.0	2.00	180.00	-293.1	
6	9810.0	0.00	0.00	9672.5	433.0	-1209.0	0.00	0.00	-293.1	KOP(Yukon 20 Fed Com #311H)
7	10030.5	26.46	180.00	9885.2	383.0	-1209.0	12.00	180.00	-243.4	FTP(Yukon 20 Fed Com #311H)
8	10560.0	90.00	179.56	10149.9	-44.5	-1206.7	12.00	-0.49	181.0	
9	15310.7	90.00	179.56	10150.0	-4795.0	-1170.0	0.00	0.00	4896.7	Fed Perf 1(Yukon 20 Fed Com #311H)
10	20495.8	90.00	179.76	10150.0	-9980.0	-1139.0	0.00	89.63	10044.8	PBHL(Yukon 20 Fed Com #311H)

CASING DETAILS
No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(Yukon 20 Fed Com #311H)	9672.5	433.0	-1209.0	441199.00	799262.00
FTP(Yukon 20 Fed Com #311H)	9885.2	383.0	-1209.0	441149.00	799262.00
Fed Perf 1(Yukon 20 Fed Com #311H)	10150.0	-4795.0	-1170.0	435971.00	799301.00
PBHL(Yukon 20 Fed Com #311H)	10150.0	-9980.0	-1139.0	430786.00	799332.00



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 21116

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	21116	Action Type:	C-103N
OCD Reviewer									Condition
ksimmons									None