

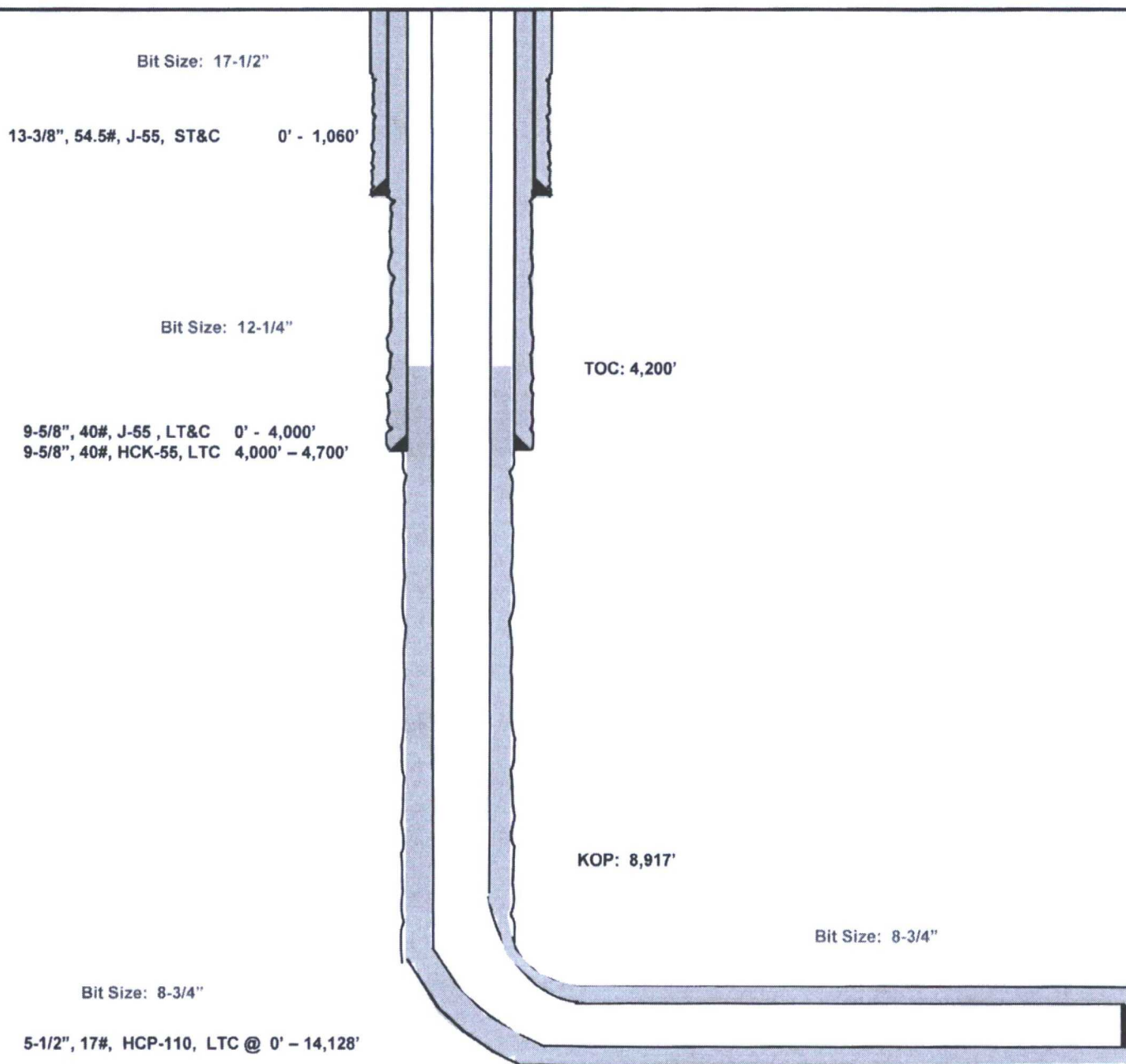
Foghorn 32 State Com #201H

Lea County, New Mexico
Proposed Wellbore

310' FNL
571' FEL
Section 32
T-22-S, R-33-E

API: 30-025-*****

KB: 3,618'
GL: 3,593'

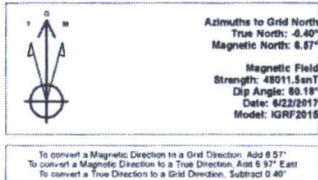


Lateral: 14,128' MD, 9,402' TVD

BH Location: 230' FSL & 330' FEL
Section 32
T-22-S, R-33-E



Lea County, NM (NAD 83 NME)
Foghorn 32 State Com #201H
Plan #0.1



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: #201H

KB = 25' @ 3618.00ft	3593.00
Northings	493566.00
Easting	771543.00
Latitude	32.3548822
Longitude	-103.5678330

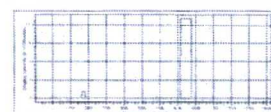
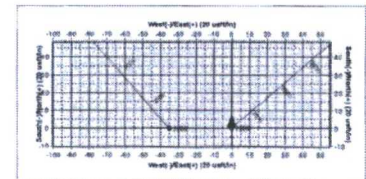
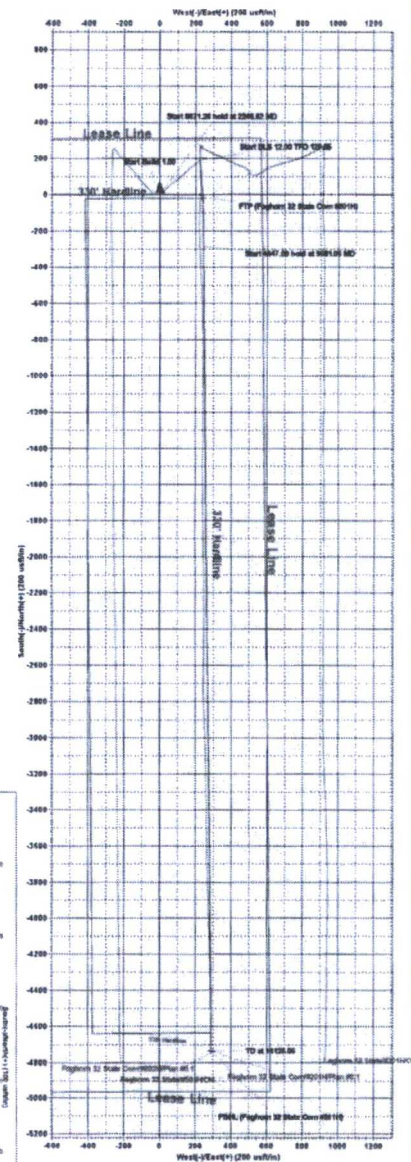
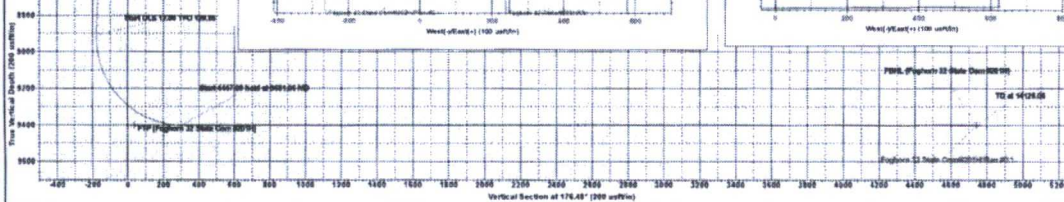
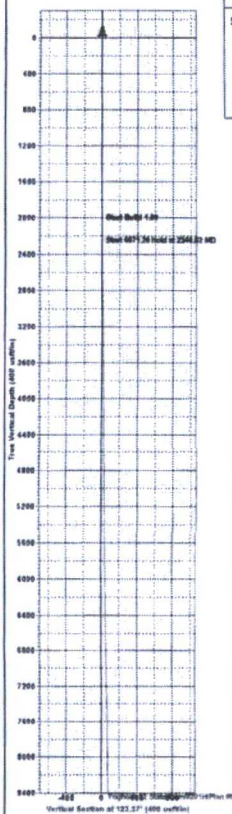
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	
3	2246.62	2.47	49.51	2246.55	3.45	4.04	1.00	49.51	-3.19	
4	8917.89	2.47	49.51	8911.63	189.83	222.37	0.00	0.00	-175.83	
5	9581.06	90.00	179.39	9402.00	-287.25	243.66	12.00	129.85	301.66	
6	14126.06	90.00	179.39	9402.00	-4734.00	291.00	0.00	0.00	4742.94	PBHL (Foghorn 32 State Com #201H)

CASING DETAILS
No casing data is available.

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northings	Easting
FTF (Foghorn 32 State Com #201H)	9402.00	+19.00	341.00	493547.00	771784.00
PBHL (Foghorn 32 State Com #201H)	9402.00	-4734.00	291.00	493532.00	771834.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Foghorn 32 State Com

#201H

OH

Plan: Plan #0.1

Standard Planning Report

22 June, 2017



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Foghorn 32 State Com
Well: #201H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #201H
TVD Reference: KB = 25' @ 3618.00usft
MD Reference: KB = 25' @ 3618.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	Foghorn 32 State Com		
Site Position:		Northing:	493,566.00 usft
From:	Map	Easting:	771,543.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.35468022
		Longitude:	-103.58783130
		Grid Convergence:	0.40 °

Well	#201H		
Well Position	+N/-S	0.00 usft	Northing: 493,566.00 usft
	+E/-W	0.00 usft	Easting: 771,543.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	Latitude: 32.35468022
			Longitude: -103.58783130
			Ground Level: 3,593.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2015	6/22/2017	6.97	60.18	48,011.46238681

Design	Plan #0.1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	176.48

Plan Survey Tool Program	Date 6/22/2017			
Depth From	Depth To	Survey (Wellbore)	Tool Name	Remarks
(usft)	(usft)			
1	0.00	14,128.06 Plan #0.1 (OH)	MWD	
			MWD - Standard	

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,246.62	2.47	49.51	2,246.55	3.45	4.04	1.00	1.00	0.00	49.51	
8,917.89	2.47	49.51	8,911.63	189.83	222.37	0.00	0.00	0.00	0.00	
9,681.06	90.00	179.39	9,402.00	-287.25	243.66	12.00	11.47	17.02	129.85	
14,128.06	90.00	179.39	9,402.00	-4,734.00	291.00	0.00	0.00	0.00	0.00	PBHL (Foghorn 32 St



EOG Resources, Inc.

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Site: Foghorn 32 State Corn
Well: #201H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #201H
TVD Reference: KB = 25' @ 3618.00usft
MD Reference: KB = 25' @ 3618.00usft
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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	1.00	49.51	2,099.99	0.57	0.66	-0.52	1.00	1.00	0.00
2,200.00	2.00	49.51	2,199.96	2.27	2.65	-2.10	1.00	1.00	0.00
2,246.62	2.47	49.51	2,246.55	3.45	4.04	-3.19	1.00	1.00	0.00
2,300.00	2.47	49.51	2,299.87	4.94	5.78	-4.57	0.00	0.00	0.00
2,400.00	2.47	49.51	2,399.78	7.73	9.06	-7.16	0.00	0.00	0.00
2,500.00	2.47	49.51	2,499.69	10.52	12.33	-9.75	0.00	0.00	0.00
2,600.00	2.47	49.51	2,599.60	13.32	15.60	-12.34	0.00	0.00	0.00
2,700.00	2.47	49.51	2,699.50	16.11	18.87	-14.92	0.00	0.00	0.00
2,800.00	2.47	49.51	2,799.41	18.91	22.15	-17.51	0.00	0.00	0.00
2,900.00	2.47	49.51	2,899.32	21.70	25.42	-20.10	0.00	0.00	0.00
3,000.00	2.47	49.51	2,999.23	24.49	28.69	-22.69	0.00	0.00	0.00
3,100.00	2.47	49.51	3,099.13	27.29	31.96	-25.28	0.00	0.00	0.00
3,200.00	2.47	49.51	3,199.04	30.08	35.24	-27.86	0.00	0.00	0.00
3,300.00	2.47	49.51	3,298.95	32.88	38.51	-30.45	0.00	0.00	0.00
3,400.00	2.47	49.51	3,398.86	35.67	41.78	-33.04	0.00	0.00	0.00
3,500.00	2.47	49.51	3,498.76	38.46	45.06	-35.63	0.00	0.00	0.00
3,600.00	2.47	49.51	3,598.67	41.26	48.33	-38.21	0.00	0.00	0.00
3,700.00	2.47	49.51	3,698.58	44.05	51.60	-40.80	0.00	0.00	0.00
3,800.00	2.47	49.51	3,798.49	46.84	54.87	-43.39	0.00	0.00	0.00
3,900.00	2.47	49.51	3,898.39	49.64	58.15	-45.98	0.00	0.00	0.00
4,000.00	2.47	49.51	3,998.30	52.43	61.42	-48.57	0.00	0.00	0.00
4,100.00	2.47	49.51	4,098.21	55.23	64.69	-51.15	0.00	0.00	0.00
4,200.00	2.47	49.51	4,198.11	58.02	67.96	-53.74	0.00	0.00	0.00
4,300.00	2.47	49.51	4,298.02	60.81	71.24	-56.33	0.00	0.00	0.00
4,400.00	2.47	49.51	4,397.93	63.61	74.51	-58.92	0.00	0.00	0.00
4,500.00	2.47	49.51	4,497.84	66.40	77.78	-61.50	0.00	0.00	0.00
4,600.00	2.47	49.51	4,597.74	69.20	81.06	-64.09	0.00	0.00	0.00
4,700.00	2.47	49.51	4,697.65	71.99	84.33	-66.68	0.00	0.00	0.00
4,800.00	2.47	49.51	4,797.56	74.78	87.60	-69.27	0.00	0.00	0.00
4,900.00	2.47	49.51	4,897.47	77.58	90.87	-71.86	0.00	0.00	0.00
5,000.00	2.47	49.51	4,997.37	80.37	94.15	-74.44	0.00	0.00	0.00
5,100.00	2.47	49.51	5,097.28	83.17	97.42	-77.03	0.00	0.00	0.00
5,200.00	2.47	49.51	5,197.19	85.96	100.69	-79.62	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

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Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Foghorn 32 State Com
Well: #201H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #201H
TVD Reference: KB = 25' @ 3618.00usft
MD Reference: KB = 25' @ 3618.00usft
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)
5,300.00	2.47	49.51	5,297.10	88.75	103.96	-82.21	0.00	0.00	0.00
5,400.00	2.47	49.51	5,397.00	91.55	107.24	-84.79	0.00	0.00	0.00
5,500.00	2.47	49.51	5,496.91	94.34	110.51	-87.38	0.00	0.00	0.00
5,600.00	2.47	49.51	5,596.82	97.13	113.78	-89.97	0.00	0.00	0.00
5,700.00	2.47	49.51	5,696.73	99.93	117.06	-92.56	0.00	0.00	0.00
5,800.00	2.47	49.51	5,796.63	102.72	120.33	-95.15	0.00	0.00	0.00
5,900.00	2.47	49.51	5,896.54	105.52	123.60	-97.73	0.00	0.00	0.00
6,000.00	2.47	49.51	5,996.45	108.31	126.87	-100.32	0.00	0.00	0.00
6,100.00	2.47	49.51	6,096.35	111.10	130.15	-102.91	0.00	0.00	0.00
6,200.00	2.47	49.51	6,196.26	113.90	133.42	-105.50	0.00	0.00	0.00
6,300.00	2.47	49.51	6,296.17	116.69	136.69	-108.08	0.00	0.00	0.00
6,400.00	2.47	49.51	6,396.08	119.49	139.96	-110.67	0.00	0.00	0.00
6,500.00	2.47	49.51	6,495.98	122.28	143.24	-113.26	0.00	0.00	0.00
6,600.00	2.47	49.51	6,595.89	125.07	146.51	-115.85	0.00	0.00	0.00
6,700.00	2.47	49.51	6,695.80	127.87	149.78	-118.44	0.00	0.00	0.00
6,800.00	2.47	49.51	6,795.71	130.66	153.05	-121.02	0.00	0.00	0.00
6,900.00	2.47	49.51	6,895.61	133.45	156.33	-123.61	0.00	0.00	0.00
7,000.00	2.47	49.51	6,995.52	136.25	159.60	-126.20	0.00	0.00	0.00
7,100.00	2.47	49.51	7,095.43	139.04	162.87	-128.79	0.00	0.00	0.00
7,200.00	2.47	49.51	7,195.34	141.84	166.15	-131.38	0.00	0.00	0.00
7,300.00	2.47	49.51	7,295.24	144.63	169.42	-133.96	0.00	0.00	0.00
7,400.00	2.47	49.51	7,395.15	147.42	172.69	-136.55	0.00	0.00	0.00
7,500.00	2.47	49.51	7,495.06	150.22	175.96	-139.14	0.00	0.00	0.00
7,600.00	2.47	49.51	7,594.97	153.01	179.24	-141.73	0.00	0.00	0.00
7,700.00	2.47	49.51	7,694.87	155.81	182.51	-144.31	0.00	0.00	0.00
7,800.00	2.47	49.51	7,794.78	158.60	185.78	-146.90	0.00	0.00	0.00
7,900.00	2.47	49.51	7,894.69	161.39	189.05	-149.49	0.00	0.00	0.00
8,000.00	2.47	49.51	7,994.60	164.19	192.33	-152.08	0.00	0.00	0.00
8,100.00	2.47	49.51	8,094.50	166.98	195.60	-154.67	0.00	0.00	0.00
8,200.00	2.47	49.51	8,194.41	169.77	198.87	-157.25	0.00	0.00	0.00
8,300.00	2.47	49.51	8,294.32	172.57	202.15	-159.84	0.00	0.00	0.00
8,400.00	2.47	49.51	8,394.22	175.36	205.42	-162.43	0.00	0.00	0.00
8,500.00	2.47	49.51	8,494.13	178.16	208.69	-165.02	0.00	0.00	0.00
8,600.00	2.47	49.51	8,594.04	180.95	211.96	-167.60	0.00	0.00	0.00
8,700.00	2.47	49.51	8,693.95	183.74	215.24	-170.19	0.00	0.00	0.00
8,800.00	2.47	49.51	8,793.85	186.54	218.51	-172.78	0.00	0.00	0.00
8,900.00	2.47	49.51	8,893.76	189.33	221.78	-175.37	0.00	0.00	0.00
8,917.89	2.47	49.51	8,911.63	189.83	222.37	-175.83	0.00	0.00	0.00
8,925.00	2.03	68.37	8,918.74	189.98	222.60	-175.96	12.00	-6.16	265.09
8,950.00	2.96	139.62	8,943.72	189.65	223.43	-175.58	12.00	3.72	284.98
8,975.00	5.60	159.69	8,968.65	188.01	224.27	-173.90	12.00	10.58	80.31
9,000.00	8.49	166.59	8,993.46	185.07	225.12	-170.91	12.00	11.53	27.58
9,025.00	11.43	169.98	9,018.08	180.84	225.98	-166.63	12.00	11.77	13.56
9,050.00	14.40	171.99	9,042.45	175.32	226.85	-161.07	12.00	11.87	8.05
9,075.00	17.37	173.33	9,066.49	168.54	227.71	-154.25	12.00	11.91	5.34
9,100.00	20.36	174.28	9,090.14	160.50	228.58	-146.17	12.00	11.94	3.81
9,125.00	23.35	175.00	9,113.34	151.24	229.45	-136.87	12.00	11.95	2.87
9,150.00	26.34	175.56	9,136.03	140.77	230.31	-126.38	12.00	11.96	2.25
9,175.00	29.33	176.02	9,158.13	129.13	231.16	-114.71	12.00	11.97	1.82
9,200.00	32.32	176.40	9,179.60	116.35	232.01	-101.90	12.00	11.97	1.51
9,225.00	35.32	176.72	9,200.37	102.46	232.84	-87.98	12.00	11.98	1.28
9,250.00	38.31	176.99	9,220.38	87.51	233.66	-73.01	12.00	11.98	1.11
9,275.00	41.31	177.23	9,239.58	71.52	234.47	-57.00	12.00	11.98	0.97
9,300.00	44.30	177.45	9,257.92	54.55	235.25	-40.02	12.00	11.99	0.86



EOG Resources, Inc.

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Wellbore: OH
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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)
9,325.00	47.30	177.64	9,275.35	36.65	236.02	-22.10	12.00	11.99	0.77
9,350.00	50.30	177.82	9,291.81	17.86	236.77	-3.30	12.00	11.99	0.70
9,375.00	53.30	177.98	9,307.27	-1.77	237.49	16.34	12.00	11.99	0.64
9,400.00	56.29	178.13	9,321.68	-22.19	238.18	36.76	12.00	11.99	0.59
9,425.00	59.29	178.27	9,335.01	-43.33	238.84	57.90	12.00	11.99	0.55
9,436.52	60.67	178.33	9,340.77	-53.30	239.14	67.87	12.00	11.99	0.53
FTP (Foghorn 32 State Com #201H)									
9,450.00	62.29	178.40	9,347.20	-65.14	239.48	79.71	12.00	11.99	0.51
9,475.00	65.29	178.52	9,358.25	-87.56	240.08	102.12	12.00	11.99	0.49
9,500.00	68.29	178.64	9,368.10	-110.52	240.65	125.08	12.00	11.99	0.47
9,525.00	71.28	178.75	9,376.74	-133.97	241.19	148.52	12.00	11.99	0.45
9,550.00	74.28	178.86	9,384.14	-157.85	241.69	172.38	12.00	11.99	0.43
9,575.00	77.28	178.96	9,390.28	-182.07	242.15	196.59	12.00	11.99	0.42
9,600.00	80.28	179.07	9,395.14	-206.59	242.57	221.08	12.00	11.99	0.41
9,625.00	83.28	179.17	9,398.71	-231.33	242.95	245.80	12.00	11.99	0.40
9,650.00	86.27	179.27	9,400.99	-256.22	243.29	270.66	12.00	11.99	0.40
9,675.00	89.27	179.37	9,401.96	-281.19	243.59	295.61	12.00	11.99	0.40
9,681.06	90.00	179.39	9,402.00	-287.25	243.66	301.66	12.00	11.99	0.40
9,700.00	90.00	179.39	9,402.00	-306.19	243.86	320.58	0.00	0.00	0.00
9,800.00	90.00	179.39	9,402.00	-406.19	244.92	420.45	0.00	0.00	0.00
9,900.00	90.00	179.39	9,402.00	-506.18	245.99	520.32	0.00	0.00	0.00
10,000.00	90.00	179.39	9,402.00	-606.17	247.05	620.19	0.00	0.00	0.00
10,100.00	90.00	179.39	9,402.00	-706.17	248.12	720.06	0.00	0.00	0.00
10,200.00	90.00	179.39	9,402.00	-806.16	249.18	819.93	0.00	0.00	0.00
10,300.00	90.00	179.39	9,402.00	-906.16	250.25	919.80	0.00	0.00	0.00
10,400.00	90.00	179.39	9,402.00	-1,006.15	251.31	1,019.67	0.00	0.00	0.00
10,500.00	90.00	179.39	9,402.00	-1,106.15	252.37	1,119.55	0.00	0.00	0.00
10,600.00	90.00	179.39	9,402.00	-1,206.14	253.44	1,219.42	0.00	0.00	0.00
10,700.00	90.00	179.39	9,402.00	-1,306.13	254.50	1,319.29	0.00	0.00	0.00
10,800.00	90.00	179.39	9,402.00	-1,406.13	255.57	1,419.16	0.00	0.00	0.00
10,900.00	90.00	179.39	9,402.00	-1,506.12	256.63	1,519.03	0.00	0.00	0.00
11,000.00	90.00	179.39	9,402.00	-1,606.12	257.70	1,618.90	0.00	0.00	0.00
11,100.00	90.00	179.39	9,402.00	-1,706.11	258.76	1,718.77	0.00	0.00	0.00
11,200.00	90.00	179.39	9,402.00	-1,806.11	259.83	1,818.64	0.00	0.00	0.00
11,300.00	90.00	179.39	9,402.00	-1,906.10	260.89	1,918.52	0.00	0.00	0.00
11,400.00	90.00	179.39	9,402.00	-2,006.09	261.96	2,018.39	0.00	0.00	0.00
11,500.00	90.00	179.39	9,402.00	-2,106.09	263.02	2,118.26	0.00	0.00	0.00
11,600.00	90.00	179.39	9,402.00	-2,206.08	264.09	2,218.13	0.00	0.00	0.00
11,700.00	90.00	179.39	9,402.00	-2,306.08	265.15	2,318.00	0.00	0.00	0.00
11,800.00	90.00	179.39	9,402.00	-2,406.07	266.21	2,417.87	0.00	0.00	0.00
11,900.00	90.00	179.39	9,402.00	-2,506.07	267.28	2,517.74	0.00	0.00	0.00
12,000.00	90.00	179.39	9,402.00	-2,606.06	268.34	2,617.62	0.00	0.00	0.00
12,100.00	90.00	179.39	9,402.00	-2,706.05	269.41	2,717.49	0.00	0.00	0.00
12,200.00	90.00	179.39	9,402.00	-2,806.05	270.47	2,817.36	0.00	0.00	0.00
12,300.00	90.00	179.39	9,402.00	-2,906.04	271.54	2,917.23	0.00	0.00	0.00
12,400.00	90.00	179.39	9,402.00	-3,006.04	272.60	3,017.10	0.00	0.00	0.00
12,500.00	90.00	179.39	9,402.00	-3,106.03	273.67	3,116.97	0.00	0.00	0.00
12,600.00	90.00	179.39	9,402.00	-3,206.03	274.73	3,216.84	0.00	0.00	0.00
12,700.00	90.00	179.39	9,402.00	-3,306.02	275.80	3,316.71	0.00	0.00	0.00
12,800.00	90.00	179.39	9,402.00	-3,406.02	276.86	3,416.59	0.00	0.00	0.00
12,900.00	90.00	179.39	9,402.00	-3,506.01	277.93	3,516.46	0.00	0.00	0.00
13,000.00	90.00	179.39	9,402.00	-3,606.00	278.99	3,616.33	0.00	0.00	0.00
13,100.00	90.00	179.39	9,402.00	-3,706.00	280.05	3,716.20	0.00	0.00	0.00



EOG Resources, Inc. Planning Report

Database: EDM 5000.14 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Foghorn 32 State Com
Well: #201H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #201H
TVD Reference: KB = 25' @ 3618.00usft
MD Reference: KB = 25' @ 3618.00usft
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)
13,200.00	90.00	179.39	9,402.00	-3,805.99	281.12	3,816.07	0.00	0.00	0.00
13,300.00	90.00	179.39	9,402.00	-3,905.99	282.18	3,915.94	0.00	0.00	0.00
13,400.00	90.00	179.39	9,402.00	-4,005.98	283.25	4,015.81	0.00	0.00	0.00
13,500.00	90.00	179.39	9,402.00	-4,105.98	284.31	4,115.68	0.00	0.00	0.00
13,600.00	90.00	179.39	9,402.00	-4,205.97	285.38	4,215.56	0.00	0.00	0.00
13,700.00	90.00	179.39	9,402.00	-4,305.96	286.44	4,315.43	0.00	0.00	0.00
13,800.00	90.00	179.39	9,402.00	-4,405.96	287.51	4,415.30	0.00	0.00	0.00
13,900.00	90.00	179.39	9,402.00	-4,505.95	288.57	4,515.17	0.00	0.00	0.00
14,000.00	90.00	179.39	9,402.00	-4,605.95	289.64	4,615.04	0.00	0.00	0.00
14,100.00	90.00	179.39	9,402.00	-4,705.94	290.70	4,714.91	0.00	0.00	0.00
14,128.06	90.00	179.39	9,402.00	-4,734.00	291.00	4,742.94	0.00	0.00	0.00

PBHL (Foghorn 32 State Com #201H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL (Foghorn 32 State	0.00	0.00	9,402.00	-4,734.00	291.00	488,832.00	771,834.00	32.34166268	-103.58699584
- plan hits target center									
- Point									
FTP (Foghorn 32 State (	0.00	0.00	9,402.00	-19.00	241.00	493,547.00	771,784.00	32.35462338	-103.58705132
- plan misses target center by 70.21usft at 9436.52usft MD (9340.77 TVD, -53.30 N, 239.14 E)									
- Point									