

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

WELL API NO. 30-015-41469	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Buzz 21 State	
8. Well Number 701H	
9. OGRID Number 25575	
10. Pool name or Wildcat Wildcat Wolfcamp Oil	

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
EOG Y Resources, Inc.

3. Address of Operator
P.O. Box 2267 Midland, TX 79702

4. Well Location
 Unit Letter **A**, **220** feet from the **North** line and **330** feet from the **East** line
 Section **21** Township **24S** Range **27E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3236' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Y Resources requests an amendment to our approved APD for this well to reflect changes in SHL, BHL, TVD, Casing, and well name.

Change SHL TO: 220 FNL & 330 FEL, A-21-24S-27E
 Change BHL TO: 220 FSL & 330 FEL, P-21-24S-27E

Change TVD TO: 9114' TVD, 13995' MD Wolfcamp Oil
 Change well name and number TO: Buzz 21 State 701H
 Casing details attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stan Wagner TITLE Agent DATE 12/07/2016
 Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689
For State Use Only

APPROVED BY Karen Sharp TITLE Bus Oper Spec-Adv DATE 12-13-16
 Conditions of Approval (if any): _____

DISTRICT I
 1284 S. French Dr., Hobbs, NM 88240
 Phone (505) 392-4441 Fax (505) 392-4700

DISTRICT II
 811 S. First St., Artesia, NM 88210
 Phone (505) 746-1225 Fax (505) 746-0922

DISTRICT III
 1000 Rio Grande Rd., Artesia, NM 87410
 Phone (505) 521-4170 Fax (505) 521-4770

DISTRICT IV
 1280 S. St. Francis Dr., Santa Fe, NM 87505
 Phone (505) 733-3200 Fax (505) 733-3120

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised August 4, 2011

Submit one copy to appropriate
 District Office

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-41469	Pool Code	Pool Name Wildcat Wolfcamp Oil
Property Code 39973	Property Name BUZZ "21" STATE	Well Number 701H
OGKD No. 025575	Operator Name EOG Y RESOURCES, INC.	Elevation 3236'

Surface Location

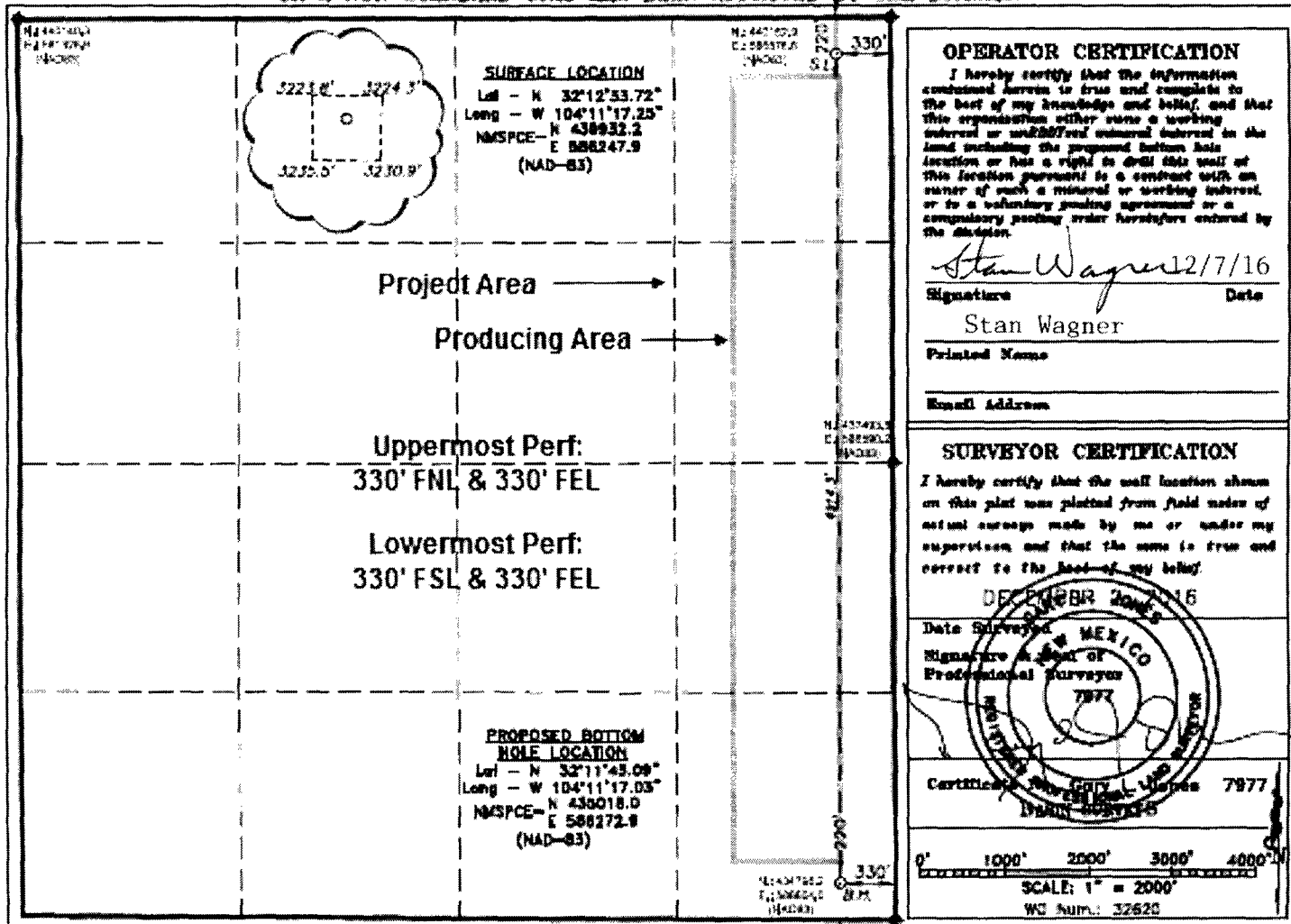
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
A	21	24 S	27 E		220	NORTH	330	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
P	21	24 S	27 E		220	SOUTH	330	EAST	EDDY

Dedicated Acres 160	Acet or Infill	Consolidation Code	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

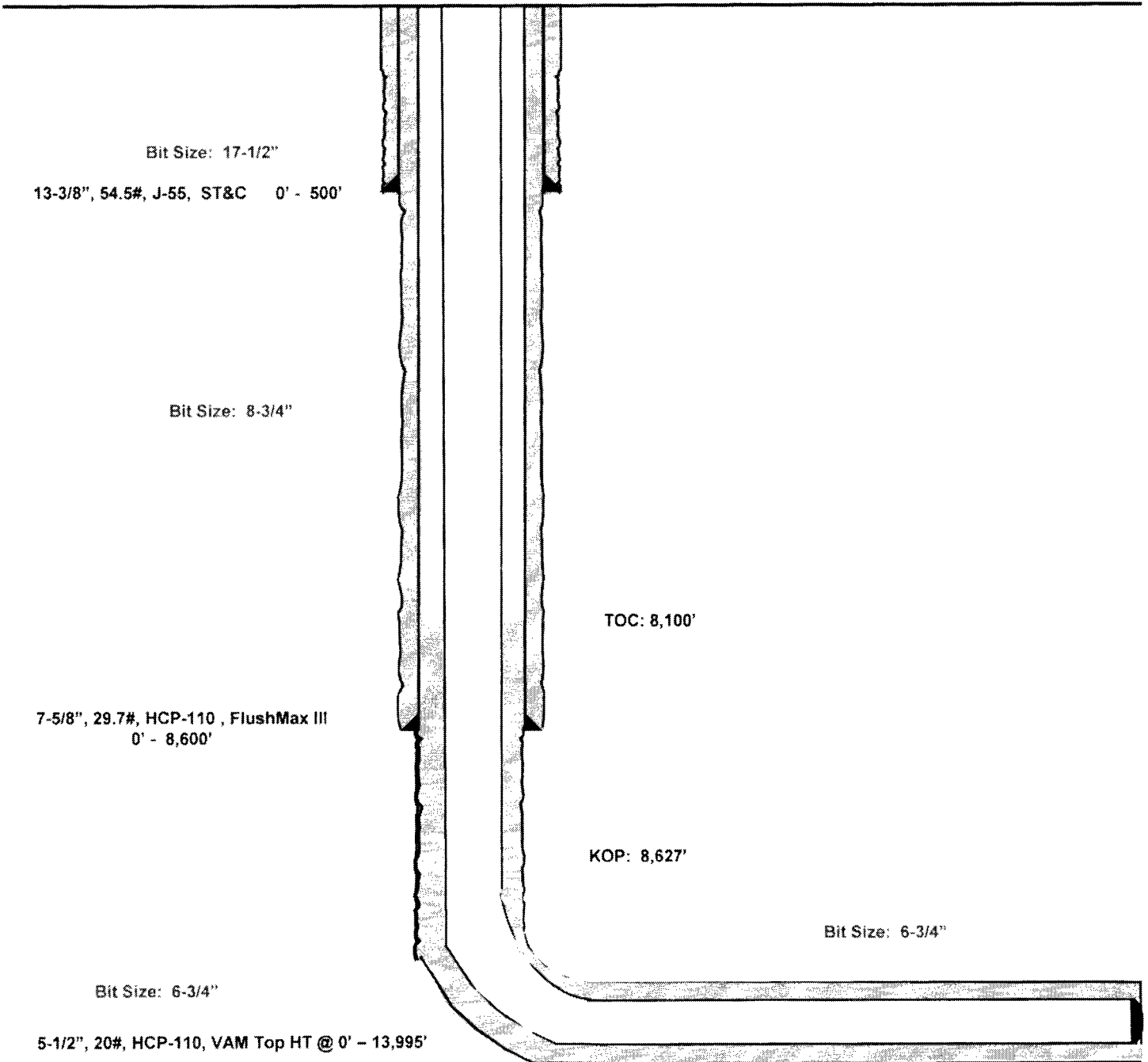


Buzz 21 State #701H

Lea County, New Mexico
Proposed Wellbore
Revised 12/7/16
API: 30-015-41469

220' FNL
330' FEL
Section 21
T-24-S, R-27-E

KB: 3,261'
GL: 3,236'



Lateral: 13,995' MD, 9,114' TVD
BH Location: 220' FSL & 330' FEL
Section 21
T-24-S, R-27-E

Revised Permit Information 12/7/16:

Well Name: Buzz 21 State No. 701H

Location:

SL: 220' FNL & 330' FEL, Section 21, T-24-S, R-27-E, Eddy Co., N.M.

BHL: 220' FSL & 330' FEL, Section 21, T-24-S, R-27-E, Eddy 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 – 500'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
8.75"	0' – 8,600'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0'-13,995'	5.5"	20#	HCP-110	VAM Top HT	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
500	100	14.2	1.62	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	160	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
8,600'	250	12.7	1.90	Class C + 5% Gypsum + 3% CaCl ₂ (TOC @ Surface)
	700	14.8	1.33	50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P
13,995'	575	15.6	1.22	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 8,400')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 500'	Fresh - Gel	8.6-8.8	28-34	N/c
500' – 8,600'	Brine	8.8-10.0	28-34	N/c
8,600' – 13,995' Lateral	Oil Base	10.0-11.5	58-68	3 - 6



Eddy County, NM (NAD 83 NME)

Buzz 21 State #701H

H&P 651

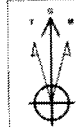
Plan #0.1

PROJECT DETAILS: Eddy 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: #701H

Ground Level: 3238.0
 KB = 25 @ 1251 Depth (H&P 651)
 Northing: 439932.20 Easting: 586247.90 Latitude: 32° 12' 33.722 N Longitude: 104° 11' 17.249 W



Azimuths to Grid North
 True North: -0.08°
 Magnetic North: 7.21°

Magnetic Field
 Strength: 47912.5nT
 Dip Angle: 59.95°
 Date: 12/27/2016
 Model: IGRF 2016

To obtain a Magnetic Direction to a Grid Direction, Add 7.21°
 To convert a Magnetic Direction to a True Direction, Add 2.98° East
 To convert a True Direction to a Grid Direction, Subtract 0.08°

SECTION DETAILS

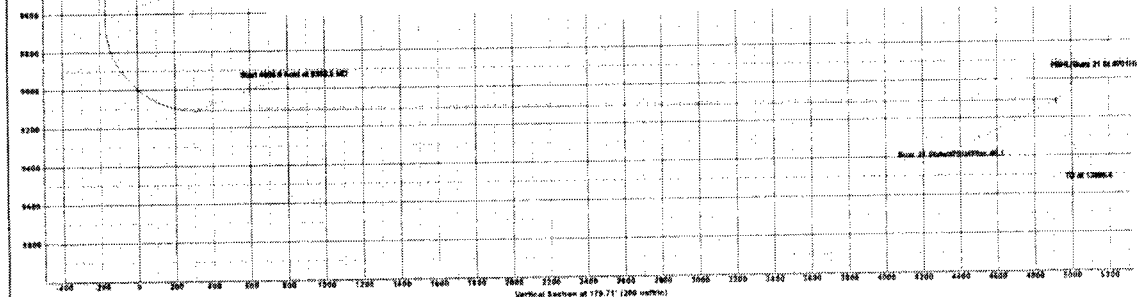
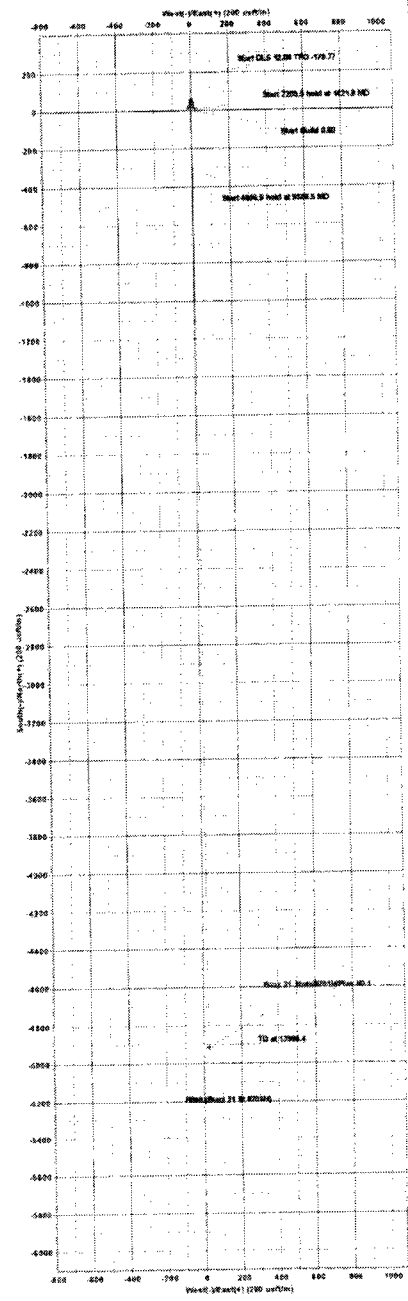
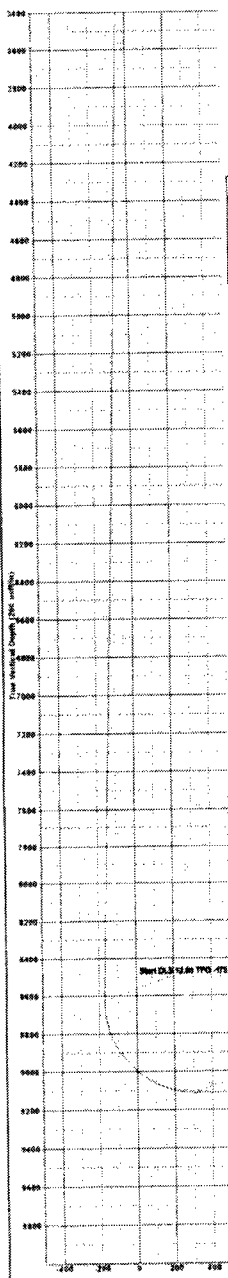
Sec	MD	Inc	Alt	TVD	4N-S	4E-W	Deg	IFace	VSecl	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	1296.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0		
3	1421.9	1.33	358.47	1421.9	2.8	0.0	0.90	358.47	-3.8		
4	4627.4	1.33	358.47	4626.4	170.0	-1.6	0.00	0.00	-170.0		
5	8399.5	90.00	179.70	9114.0	-307.4	0.9	12.00	-179.70	307.4		
6	13895.4	90.00	179.70	9114.0	-4914.2	25.0	0.00	0.00	4914.3	PBHL(Buzz 21 St #701H)	

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	4N-S	4E-W	Northing	Easting
PBHL(Buzz 21 St #701H)	9114.0	-4914.2	25.0	436016.00	586272.90





EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Buzz 21 State

#701H

OH

Plan: Plan #0.1

Standard Planning Report

06 December, 2016



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Eddy County, NM (NAD 83 NME)
Site: Buzz 21 State
Well: #701H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3261.0usft (H&P 651)
MD Reference: KB = 25 @ 3261.0usft (H&P 651)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Eddy 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	Buzz 21 State				
Site Position:		Northing:	439,932.20 usft	Latitude:	32° 12' 33.722 N
From:	Map	Easting:	586,247.90 usft	Longitude:	104° 11' 17.249 W
Position Uncertainty:	0.0 usft	Spot Radius:	13-3/16 "	Grid Convergence:	0.08 °

Well	#701H					
Well Position	+N/-S	0.0 usft	Northing:	439,932.20 usft	Latitude:	32° 12' 33.722 N
	+E/-W	0.0 usft	Easting:	586,247.90 usft	Longitude:	104° 11' 17.249 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	0.0 usft	Ground Level:	3,236.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2015	12/27/2016	(°)	(°)	(nT)
			7.29	59.95	47,913

Design	Plan #0.1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	179.71	

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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,421.9	1.33	359.47	1,421.8	2.6	0.0	0.60	0.60	0.00	359.47	
8,627.4	1.33	359.47	8,625.4	170.0	-1.6	0.00	0.00	0.00	0.00	
9,388.5	90.00	179.70	9,114.0	-307.4	0.9	12.00	11.65	-23.62	-179.77	
13,995.4	90.00	179.70	9,114.0	-4,914.2	25.0	0.00	0.00	0.00	0.00	0.00 PBHL(Buzz 21 St #7C



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Eddy County, NM (NAD 83 NME)
 Site: Buzz 21 State
 Well: #701H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
 TVD Reference: KB = 25 @ 3261.0usft (H&P 651)
 MD Reference: KB = 25 @ 3261.0usft (H&P 651)
 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	0.60	359.47	1,300.0	0.5	0.0	-0.5	0.60	0.60	0.00
1,400.0	1.20	359.47	1,400.0	2.1	0.0	-2.1	0.60	0.60	0.00
1,421.9	1.33	359.47	1,421.8	2.6	0.0	-2.6	0.60	0.60	0.00
1,500.0	1.33	359.47	1,500.0	4.4	0.0	-4.4	0.00	0.00	0.00
1,600.0	1.33	359.47	1,599.9	6.7	-0.1	-6.7	0.00	0.00	0.00
1,700.0	1.33	359.47	1,699.9	9.0	-0.1	-9.0	0.00	0.00	0.00
1,800.0	1.33	359.47	1,799.9	11.4	-0.1	-11.4	0.00	0.00	0.00
1,900.0	1.33	359.47	1,899.9	13.7	-0.1	-13.7	0.00	0.00	0.00
2,000.0	1.33	359.47	1,999.8	16.0	-0.1	-16.0	0.00	0.00	0.00
2,100.0	1.33	359.47	2,099.8	18.3	-0.2	-18.3	0.00	0.00	0.00
2,200.0	1.33	359.47	2,199.8	20.7	-0.2	-20.7	0.00	0.00	0.00
2,300.0	1.33	359.47	2,299.7	23.0	-0.2	-23.0	0.00	0.00	0.00
2,400.0	1.33	359.47	2,399.7	25.3	-0.2	-25.3	0.00	0.00	0.00
2,500.0	1.33	359.47	2,499.7	27.6	-0.3	-27.6	0.00	0.00	0.00
2,600.0	1.33	359.47	2,599.7	29.9	-0.3	-29.9	0.00	0.00	0.00
2,700.0	1.33	359.47	2,699.6	32.3	-0.3	-32.3	0.00	0.00	0.00
2,800.0	1.33	359.47	2,799.6	34.6	-0.3	-34.6	0.00	0.00	0.00
2,900.0	1.33	359.47	2,899.6	36.9	-0.3	-36.9	0.00	0.00	0.00
3,000.0	1.33	359.47	2,999.6	39.2	-0.4	-39.2	0.00	0.00	0.00
3,100.0	1.33	359.47	3,099.5	41.6	-0.4	-41.6	0.00	0.00	0.00
3,200.0	1.33	359.47	3,199.5	43.9	-0.4	-43.9	0.00	0.00	0.00
3,300.0	1.33	359.47	3,299.5	46.2	-0.4	-46.2	0.00	0.00	0.00
3,400.0	1.33	359.47	3,399.4	48.5	-0.4	-48.5	0.00	0.00	0.00
3,500.0	1.33	359.47	3,499.4	50.9	-0.5	-50.9	0.00	0.00	0.00
3,600.0	1.33	359.47	3,599.4	53.2	-0.5	-53.2	0.00	0.00	0.00
3,700.0	1.33	359.47	3,699.4	55.5	-0.5	-55.5	0.00	0.00	0.00
3,800.0	1.33	359.47	3,799.3	57.8	-0.5	-57.8	0.00	0.00	0.00
3,900.0	1.33	359.47	3,899.3	60.1	-0.6	-60.1	0.00	0.00	0.00
4,000.0	1.33	359.47	3,999.3	62.5	-0.6	-62.5	0.00	0.00	0.00
4,100.0	1.33	359.47	4,099.3	64.8	-0.6	-64.8	0.00	0.00	0.00
4,200.0	1.33	359.47	4,199.2	67.1	-0.6	-67.1	0.00	0.00	0.00
4,300.0	1.33	359.47	4,299.2	69.4	-0.6	-69.4	0.00	0.00	0.00
4,400.0	1.33	359.47	4,399.2	71.8	-0.7	-71.8	0.00	0.00	0.00
4,500.0	1.33	359.47	4,499.1	74.1	-0.7	-74.1	0.00	0.00	0.00
4,600.0	1.33	359.47	4,599.1	76.4	-0.7	-76.4	0.00	0.00	0.00
4,700.0	1.33	359.47	4,699.1	78.7	-0.7	-78.7	0.00	0.00	0.00
4,800.0	1.33	359.47	4,799.1	81.1	-0.8	-81.1	0.00	0.00	0.00
4,900.0	1.33	359.47	4,899.0	83.4	-0.8	-83.4	0.00	0.00	0.00
5,000.0	1.33	359.47	4,999.0	85.7	-0.8	-85.7	0.00	0.00	0.00
5,100.0	1.33	359.47	5,099.0	88.0	-0.8	-88.0	0.00	0.00	0.00
5,200.0	1.33	359.47	5,199.0	90.3	-0.8	-90.3	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Eddy County, NM (NAD 83 NME)
 Site: Buzz 21 State
 Well: #701H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
 TVD Reference: KB = 25 @ 3261.0usft (H&P 651)
 MD Reference: KB = 25 @ 3261.0usft (H&P 651)
 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)
5,300.0	1.33	359.47	5,298.9	92.7	-0.9	-92.7	0.00	0.00	0.00
5,400.0	1.33	359.47	5,398.9	95.0	-0.9	-95.0	0.00	0.00	0.00
5,500.0	1.33	359.47	5,498.9	97.3	-0.9	-97.3	0.00	0.00	0.00
5,600.0	1.33	359.47	5,598.9	99.6	-0.9	-99.6	0.00	0.00	0.00
5,700.0	1.33	359.47	5,698.8	102.0	-0.9	-102.0	0.00	0.00	0.00
5,800.0	1.33	359.47	5,798.8	104.3	-1.0	-104.3	0.00	0.00	0.00
5,900.0	1.33	359.47	5,898.8	106.6	-1.0	-106.6	0.00	0.00	0.00
6,000.0	1.33	359.47	5,998.7	108.9	-1.0	-108.9	0.00	0.00	0.00
6,100.0	1.33	359.47	6,098.7	111.3	-1.0	-111.3	0.00	0.00	0.00
6,200.0	1.33	359.47	6,198.7	113.6	-1.1	-113.6	0.00	0.00	0.00
6,300.0	1.33	359.47	6,298.7	115.9	-1.1	-115.9	0.00	0.00	0.00
6,400.0	1.33	359.47	6,398.6	118.2	-1.1	-118.2	0.00	0.00	0.00
6,500.0	1.33	359.47	6,498.6	120.5	-1.1	-120.5	0.00	0.00	0.00
6,600.0	1.33	359.47	6,598.6	122.9	-1.1	-122.9	0.00	0.00	0.00
6,700.0	1.33	359.47	6,698.6	125.2	-1.2	-125.2	0.00	0.00	0.00
6,800.0	1.33	359.47	6,798.5	127.5	-1.2	-127.5	0.00	0.00	0.00
6,900.0	1.33	359.47	6,898.5	129.8	-1.2	-129.8	0.00	0.00	0.00
7,000.0	1.33	359.47	6,998.5	132.2	-1.2	-132.2	0.00	0.00	0.00
7,100.0	1.33	359.47	7,098.4	134.5	-1.2	-134.5	0.00	0.00	0.00
7,200.0	1.33	359.47	7,198.4	136.8	-1.3	-136.8	0.00	0.00	0.00
7,300.0	1.33	359.47	7,298.4	139.1	-1.3	-139.1	0.00	0.00	0.00
7,400.0	1.33	359.47	7,398.4	141.5	-1.3	-141.5	0.00	0.00	0.00
7,500.0	1.33	359.47	7,498.3	143.8	-1.3	-143.8	0.00	0.00	0.00
7,600.0	1.33	359.47	7,598.3	146.1	-1.4	-146.1	0.00	0.00	0.00
7,700.0	1.33	359.47	7,698.3	148.4	-1.4	-148.4	0.00	0.00	0.00
7,800.0	1.33	359.47	7,798.3	150.7	-1.4	-150.8	0.00	0.00	0.00
7,900.0	1.33	359.47	7,898.2	153.1	-1.4	-153.1	0.00	0.00	0.00
8,000.0	1.33	359.47	7,998.2	155.4	-1.4	-155.4	0.00	0.00	0.00
8,100.0	1.33	359.47	8,098.2	157.7	-1.5	-157.7	0.00	0.00	0.00
8,200.0	1.33	359.47	8,198.2	160.0	-1.5	-160.0	0.00	0.00	0.00
8,300.0	1.33	359.47	8,298.1	162.4	-1.5	-162.4	0.00	0.00	0.00
8,400.0	1.33	359.47	8,398.1	164.7	-1.5	-164.7	0.00	0.00	0.00
8,500.0	1.33	359.47	8,498.1	167.0	-1.5	-167.0	0.00	0.00	0.00
8,600.0	1.33	359.47	8,598.0	169.3	-1.6	-169.3	0.00	0.00	0.00
8,627.4	1.33	359.47	8,625.4	170.0	-1.6	-170.0	0.00	0.00	0.00
8,650.0	1.38	179.92	8,648.0	170.0	-1.6	-170.0	12.00	0.22	-794.72
8,675.0	4.38	179.77	8,673.0	168.7	-1.6	-168.7	12.00	12.00	-0.61
8,700.0	7.38	179.74	8,697.9	166.1	-1.6	-166.1	12.00	12.00	-0.11
8,725.0	10.38	179.73	8,722.6	162.3	-1.5	-162.3	12.00	12.00	-0.05
8,750.0	13.38	179.72	8,747.0	157.1	-1.5	-157.1	12.00	12.00	-0.03
8,775.0	16.38	179.72	8,771.2	150.7	-1.5	-150.7	12.00	12.00	-0.02
8,800.0	19.38	179.72	8,795.0	143.0	-1.5	-143.0	12.00	12.00	-0.01
8,825.0	22.38	179.71	8,818.3	134.1	-1.4	-134.1	12.00	12.00	-0.01
8,850.0	25.38	179.71	8,841.2	124.0	-1.4	-124.0	12.00	12.00	-0.01
8,875.0	28.38	179.71	8,863.5	112.7	-1.3	-112.7	12.00	12.00	-0.01
8,900.0	31.38	179.71	8,885.2	100.3	-1.2	-100.3	12.00	12.00	0.00
8,925.0	34.38	179.71	8,906.1	86.7	-1.2	-86.7	12.00	12.00	0.00
8,950.0	37.38	179.71	8,926.4	72.0	-1.1	-72.0	12.00	12.00	0.00
8,975.0	40.38	179.71	8,945.9	56.3	-1.0	-56.4	12.00	12.00	0.00
9,000.0	43.38	179.71	8,964.5	39.7	-0.9	-39.7	12.00	12.00	0.00
9,025.0	46.38	179.71	8,982.2	22.0	-0.8	-22.0	12.00	12.00	0.00
9,050.0	49.38	179.70	8,999.0	3.5	-0.7	-3.5	12.00	12.00	0.00
9,075.0	52.38	179.70	9,014.7	-15.9	-0.6	15.9	12.00	12.00	0.00
9,100.0	55.38	179.70	9,029.5	-36.1	-0.5	36.1	12.00	12.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Eddy County, NM (NAD 83 NME)
Site: Buzz 21 State
Well: #701H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3261.0usft (H&P 651)
MD Reference: KB = 25 @ 3261.0usft (H&P 651)
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)
9,125.0	58.38	179.70	9,043.1	-57.0	-0.4	57.0	12.00	12.00	0.00
9,150.0	61.38	179.70	9,055.7	-78.7	-0.3	78.7	12.00	12.00	0.00
9,175.0	64.38	179.70	9,067.1	-100.9	-0.2	100.9	12.00	12.00	0.00
9,200.0	67.38	179.70	9,077.3	-123.7	-0.1	123.7	12.00	12.00	0.00
9,225.0	70.38	179.70	9,086.3	-147.0	0.0	147.0	12.00	12.00	0.00
9,250.0	73.38	179.70	9,094.1	-170.8	0.2	170.8	12.00	12.00	0.00
9,275.0	76.38	179.70	9,100.6	-194.9	0.3	194.9	12.00	12.00	0.00
9,300.0	79.38	179.70	9,105.8	-219.4	0.4	219.4	12.00	12.00	0.00
9,325.0	82.38	179.70	9,109.8	-244.1	0.5	244.0	12.00	12.00	0.00
9,350.0	85.38	179.70	9,112.4	-268.9	0.7	268.9	12.00	12.00	0.00
9,375.0	88.38	179.70	9,113.8	-293.9	0.8	293.9	12.00	12.00	0.00
9,388.5	90.00	179.70	9,114.0	-307.4	0.9	307.4	12.00	12.00	0.00
9,400.0	90.00	179.70	9,114.0	-318.9	0.9	318.9	0.00	0.00	0.00
9,500.0	90.00	179.70	9,114.0	-418.9	1.5	418.9	0.00	0.00	0.00
9,600.0	90.00	179.70	9,114.0	-518.9	2.0	518.9	0.00	0.00	0.00
9,700.0	90.00	179.70	9,114.0	-618.9	2.5	618.9	0.00	0.00	0.00
9,800.0	90.00	179.70	9,114.0	-718.9	3.0	718.9	0.00	0.00	0.00
9,900.0	90.00	179.70	9,114.0	-818.9	3.6	818.9	0.00	0.00	0.00
10,000.0	90.00	179.70	9,114.0	-918.9	4.1	918.9	0.00	0.00	0.00
10,100.0	90.00	179.70	9,114.0	-1,018.9	4.6	1,018.9	0.00	0.00	0.00
10,200.0	90.00	179.70	9,114.0	-1,118.9	5.1	1,118.9	0.00	0.00	0.00
10,300.0	90.00	179.70	9,114.0	-1,218.8	5.7	1,218.9	0.00	0.00	0.00
10,400.0	90.00	179.70	9,114.0	-1,318.8	6.2	1,318.9	0.00	0.00	0.00
10,500.0	90.00	179.70	9,114.0	-1,418.8	6.7	1,418.9	0.00	0.00	0.00
10,600.0	90.00	179.70	9,114.0	-1,518.8	7.2	1,518.9	0.00	0.00	0.00
10,700.0	90.00	179.70	9,114.0	-1,618.8	7.7	1,618.9	0.00	0.00	0.00
10,800.0	90.00	179.70	9,114.0	-1,718.8	8.3	1,718.9	0.00	0.00	0.00
10,900.0	90.00	179.70	9,114.0	-1,818.8	8.8	1,818.9	0.00	0.00	0.00
11,000.0	90.00	179.70	9,114.0	-1,918.8	9.3	1,918.9	0.00	0.00	0.00
11,100.0	90.00	179.70	9,114.0	-2,018.8	9.8	2,018.9	0.00	0.00	0.00
11,200.0	90.00	179.70	9,114.0	-2,118.8	10.4	2,118.9	0.00	0.00	0.00
11,300.0	90.00	179.70	9,114.0	-2,218.8	10.9	2,218.9	0.00	0.00	0.00
11,400.0	90.00	179.70	9,114.0	-2,318.8	11.4	2,318.9	0.00	0.00	0.00
11,500.0	90.00	179.70	9,114.0	-2,418.8	11.9	2,418.9	0.00	0.00	0.00
11,600.0	90.00	179.70	9,114.0	-2,518.8	12.5	2,518.9	0.00	0.00	0.00
11,700.0	90.00	179.70	9,114.0	-2,618.8	13.0	2,618.9	0.00	0.00	0.00
11,800.0	90.00	179.70	9,114.0	-2,718.8	13.5	2,718.9	0.00	0.00	0.00
11,900.0	90.00	179.70	9,114.0	-2,818.8	14.0	2,818.9	0.00	0.00	0.00
12,000.0	90.00	179.70	9,114.0	-2,918.8	14.6	2,918.9	0.00	0.00	0.00
12,100.0	90.00	179.70	9,114.0	-3,018.8	15.1	3,018.9	0.00	0.00	0.00
12,200.0	90.00	179.70	9,114.0	-3,118.8	15.6	3,118.9	0.00	0.00	0.00
12,300.0	90.00	179.70	9,114.0	-3,218.8	16.1	3,218.9	0.00	0.00	0.00
12,400.0	90.00	179.70	9,114.0	-3,318.8	16.6	3,318.9	0.00	0.00	0.00
12,500.0	90.00	179.70	9,114.0	-3,418.8	17.2	3,418.9	0.00	0.00	0.00
12,600.0	90.00	179.70	9,114.0	-3,518.8	17.7	3,518.9	0.00	0.00	0.00
12,700.0	90.00	179.70	9,114.0	-3,618.8	18.2	3,618.9	0.00	0.00	0.00
12,800.0	90.00	179.70	9,114.0	-3,718.8	18.7	3,718.9	0.00	0.00	0.00
12,900.0	90.00	179.70	9,114.0	-3,818.8	19.3	3,818.9	0.00	0.00	0.00
13,000.0	90.00	179.70	9,114.0	-3,918.8	19.8	3,918.9	0.00	0.00	0.00
13,100.0	90.00	179.70	9,114.0	-4,018.8	20.3	4,018.9	0.00	0.00	0.00
13,200.0	90.00	179.70	9,114.0	-4,118.8	20.8	4,118.9	0.00	0.00	0.00
13,300.0	90.00	179.70	9,114.0	-4,218.8	21.4	4,218.9	0.00	0.00	0.00
13,400.0	90.00	179.70	9,114.0	-4,318.8	21.9	4,318.9	0.00	0.00	0.00
13,500.0	90.00	179.70	9,114.0	-4,418.8	22.4	4,418.9	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Eddy County, NM (NAD 83 NME)
 Site: Buzz 21 State
 Well: #701H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
 TVD Reference: KB = 25 @ 3261.0usft (H&P 651)
 MD Reference: KB = 25 @ 3261.0usft (H&P 651)
 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)
13,600.0	90.00	179.70	9,114.0	-4,518.8	22.9	4,518.9	0.00	0.00	0.00
13,700.0	90.00	179.70	9,114.0	-4,618.8	23.5	4,618.9	0.00	0.00	0.00
13,800.0	90.00	179.70	9,114.0	-4,718.8	24.0	4,718.9	0.00	0.00	0.00
13,900.0	90.00	179.70	9,114.0	-4,818.8	24.5	4,818.9	0.00	0.00	0.00
13,995.4	90.00	179.70	9,114.0	-4,914.2	25.0	4,914.3	0.00	0.00	0.00

PBHL(Buzz 21 St #701H)

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
PBHL(Buzz 21 St #701H) - plan hits target center - Point	0.00	0.00	9,114.0	-4,914.2	25.0	435,018.00	586,272.90	32° 11' 45.090 N	104° 11' 17.035 W