

HOBBS OCD**SEP 12 2018****RECEIVED**

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.
30-025-44477

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Della 29 Fed

8. Well Number 606H

9. OGRID Number

7377

10. Pool name or Wildcat

Lea; Bone Spring, South

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 Resources, Inc.

3. Address of Operator

P.O. Box 2267 Midland, TX 79702

4. Well Location

Unit Letter M 230 feet from the South line and 1015 feet from the West line
Section 29 Township 20S Range 34E NMPM County Lea11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3709' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☒PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐CLOSED-LOOP SYSTEM ☐OTHER: ☐ Change BHL, HSU ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

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 Resources requests an amendment to our approved APD for this well to reflect a revised BHL & HSU.

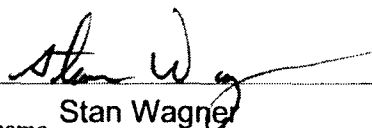
Change BHL to: 100' FNL & 330' FWL D-29-20S-34E

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



TITLE

Regulatory Analyst

DATE

9/10/2018

Type or print name

Stan Wagner

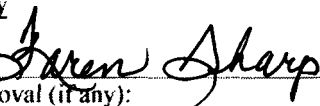
E-mail address:

PHONE:

432-686-3689

For State Use Only

APPROVED BY:



TITLE

Staff Mgr

DATE

9-12-18

Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6720
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 30-025-44477	² Pool Code 37580	³ Pool Name Lea; Bone Spring South
⁴ Property Code 320792	⁵ Property Name DELLA 29 FED	⁶ Well Number #606H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3709'

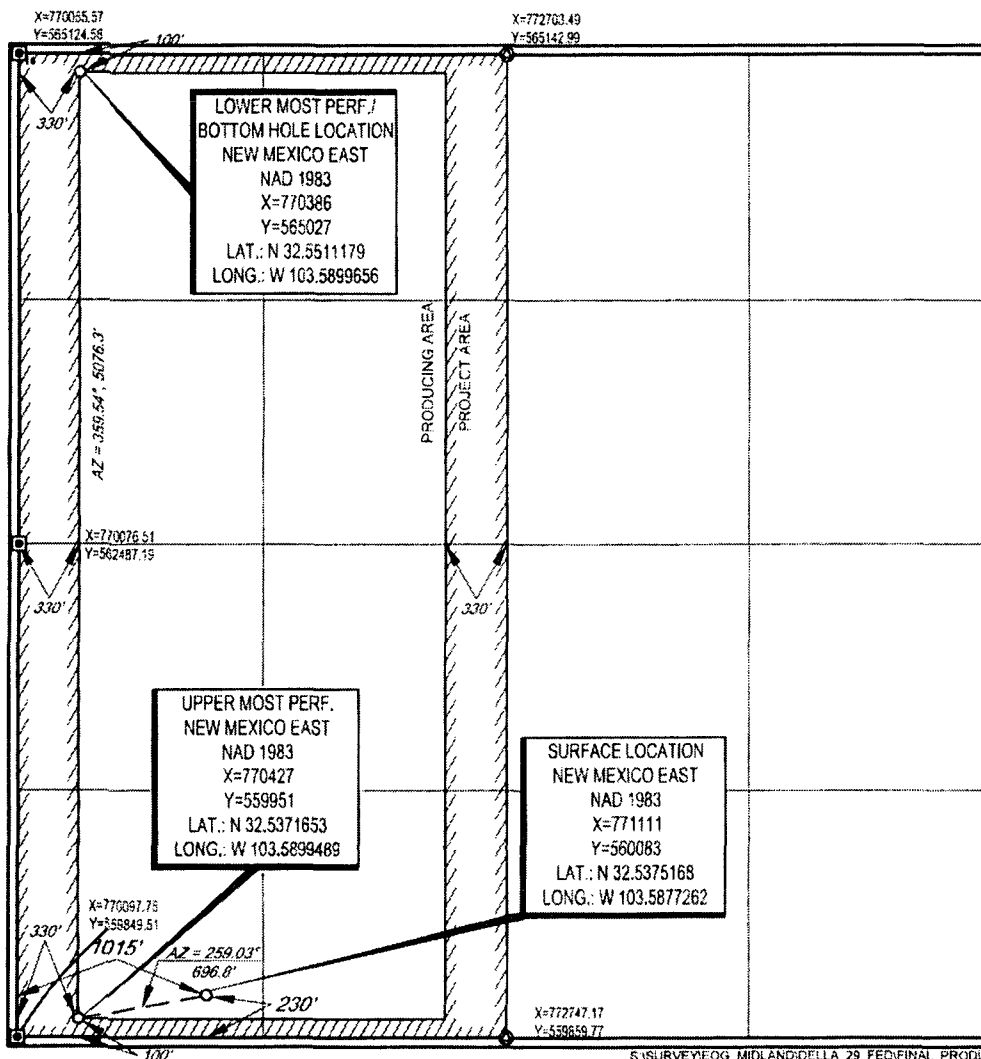
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	20-S	34-E	-	230'	SOUTH	1015'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	20-S	34-E	-	100'	NORTH	330'	WEST	LEA

¹¹ Dedicated Acres 320.00	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 9/10/18
Signature Date

Stan Wagner
Printed Name

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.

04/05/2018
Date of Survey
Signature and Seal of Professional Surveyor
MA CHAD BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

Intent ☒ As Drilled ☐

API # 30-025-44477			
Operator Name: EOG Resources, Inc.		Property Name: Della 29 Fed	Well Number 606H

Kick Off Point (KOP)

UL M	Section 29	Township 20S	Range 34E	Lot	Feet	From N/S	Feet	From E/W	County Lea
Latitude					Longitude				NAD

First Take Point (FTP)

UL M	Section 29	Township 20S	Range 34E	Lot	Feet 100	From N/S South	Feet 330	From E/W West	County Lea
Latitude N 32.5371653					Longitude W -103.5899489				NAD 83

Last Take Point (LTP)

UL CD	Section 29	Township 20S	Range 34E	Lot	Feet 100	From N/S North	Feet 330	From E/W West	County Lea
Latitude N 32.5511179					Longitude W -103.5899656				NAD 83

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

☐ No

Is this well an infill well?

☐ Yes

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

API # 30-025-44476			
Operator Name: EOG Resources, Inc.		Property Name: Della 29 Fed	Well Number 605H

KZ 06/29/2018

Revised Permit Information 9/10/18:

Well Name: Della 29 Fed 1 #606H

Location:

SL: 230' FSL & 1,015' FWL, Section 29, T-20-S, R-34-E, Lea Co., N.M.

BHL: 100' FNL & 330' FWL, Section 29, T-20-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 – 1,655'	13.375"	54.5#	J55	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' – 5,400'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0' – 10,900'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0' -16,209'	5.5"	20#	P-110EC	VAM SFC	1.125	1.25	1.60

Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Fr ³ /ft	Mix Water Gal/sk	Slurry Description
13-3/8" 1,655'	1075	13.5	1.74	9.17	Class C + 4% Gel + 2% CaCl ₂ + 0.25 pps Celloflake (TOC @ Surface)
	385	14.8	1.34	6.35	Class C + 2.0% CaCl ₂
9-5/8" 5,400' DV Tool w/ ECP @ 3,700'	235	12.7	1.90	9.96	Stage 1 Lead: 35:65 Poz:Class C + 3.0% Salt + 6.0% Gel + 0.4% CPT-20 + 0.5% CPT-45 (TOC @ 3,700')
	200	14.8	1.33	6.32	Stage 1 Tail: Class C + 0.2% CPT-19
	785	12.7	1.90	9.96	Stage 2 Lead: 35:65 Poz:Class C + 3.0% Salt + 6.0% Gel + 0.5% CPT-45 + 0.2% CPT-20 (TOC @ Surface)
	100	14.8	1.33	6.32	Stage 2 Tail: Class C + 0.2% CPT-19
7-5/8" 10,900'	425	11.5	2.64	14.69	50:50 Poz:H + 5.0% Salt + 7.0% Gel + 0.4% CPT-503P + 0.5% CPT-19 (TOC @ Surface)
	140	14.4	1.24	5.08	50:50 Poz:H + 5.0% Salt
5-1/2" 16,209'	220	11.0	3.21	19.24	50:50 Poz:H + 5.0% Salt + 3.0% CPT-45 + 0.4% CPT-503P + 1.0% CPT-19 + 5.0% Gypsum + 0.15% CPT-20 + 0.15% Citric Acid (TOC @ 10,400')
	550	14.4	1.20	4.81	50:50 Poz:H + 0.25% CPT-503P + 0.8% CPT-16A + 0.2% CPT-35 + 0.4% CPT-39 + 0.25% CPT-20

Mud program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,655'	Fresh - Gel	8.6-8.8	28-34	N/c
1,655' – 5,400'	Fresh-Gel	8.6-8.8	28-34	N/c
5,400' – 10,900'	Oil Base	8.7-9.4	58-68	N/c - 6
10,900' – 16,209' Lateral	Oil Base	10.0-10.5	58-68	N/c - 6

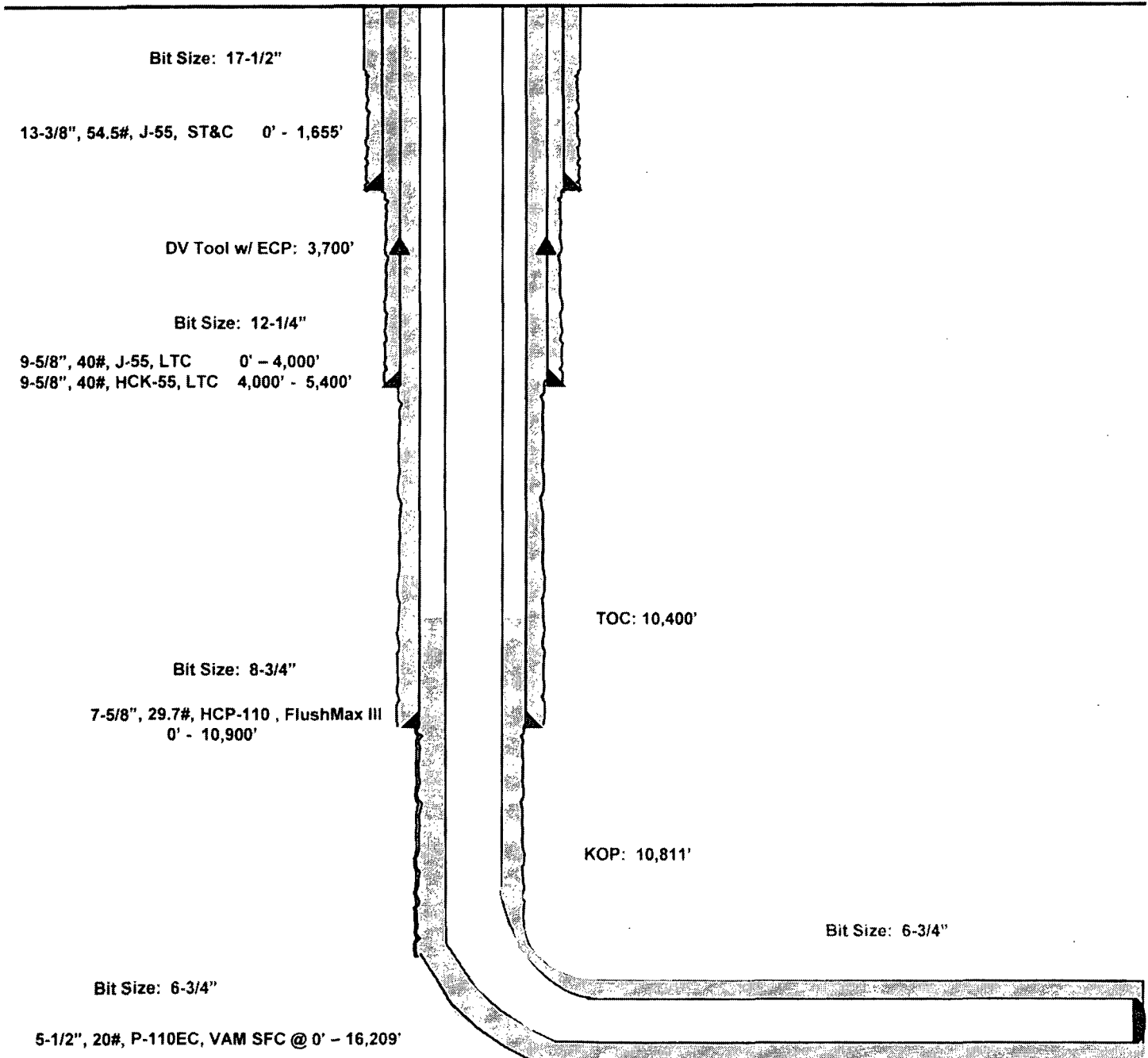
Della 29 Fed #606H

Lea County, New Mexico
Revised Wellbore 9/10/18

230' FSL
1015' FWL
Section 29
T-20-S, R-34-E

API: 30-025-44477

KB: 3,734'
GL: 3,709'



Lateral: 16,209' MD, 11,250' TVD
Upper Most Perf:
100' FSL & 330' FWL Sec. 29
Lower Most Perf:
100' FNL & 330' FWL Sec. 29
BH Location: 100' FNL & 330' FWL
Section 29
T-20-S, R-34-E



Lea County, NM (NAD 83 NME)
Della 29 Fed Com #606H
Plan #0.2

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

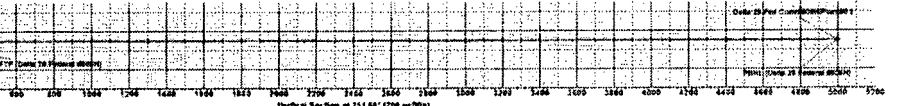
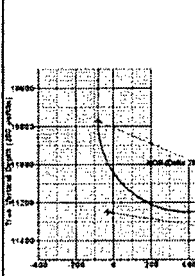
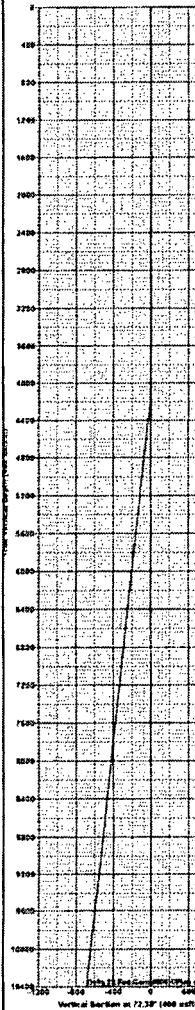
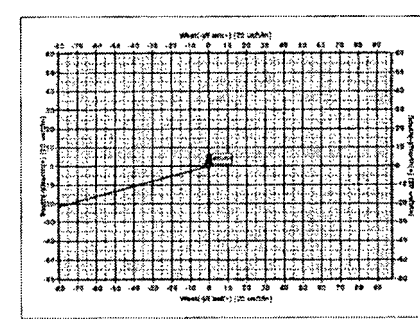
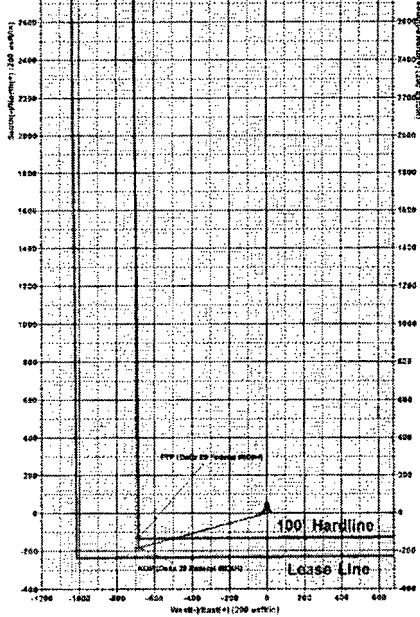
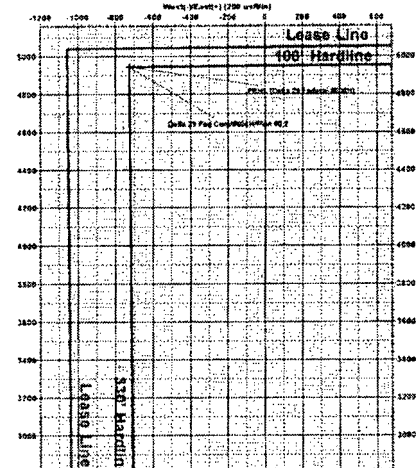
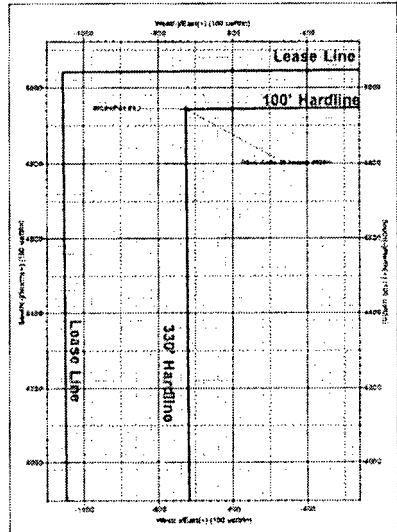
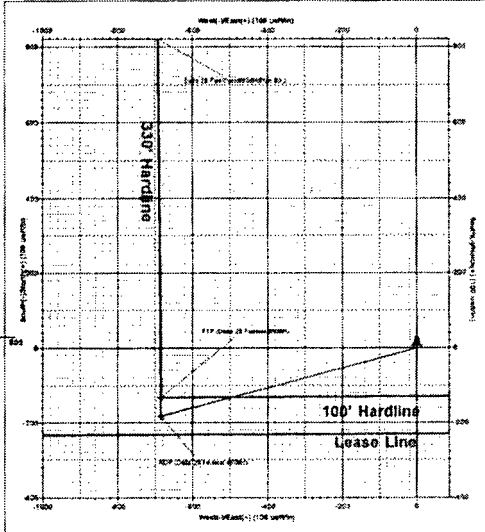
Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.57°
Magnetic Field
Strength: 48112.0 nT
Dip Angle: 80.35°
Date: 7/18/2017
Model: IGRF 2016

To convert a Magnetic Direction to a Grid Direction, Add 6.57°
To convert a Magnetic Direction to a True Direction, Add 6.97° East
To convert a True Direction to a Grid Direction, Subtract 6.40°

WELL DETAILS: #606H						
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dipg
3709.0						
MD = 15 @ 3734.0 m						
MD = 15 @ 3734.0 m						
MD = 15 @ 3734.0 m						
MD = 15 @ 3734.0 m						
MD = 15 @ 3734.0 m						

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dipg	TFace	VFace
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0
3	4312.7	6.25	255.10	4312.0	-4.4	-16.5	2.00	255.10	-1.9
4	10497.0	6.25	255.10	10460.5	-177.6	-667.5	0.00	0.00	-78.9
5	10810.5	0.00	0.00	10772.5	-182.0	-684.0	2.00	180.00	-80.6
6	11560.5	00.00	359.54	11250.0	295.4	-687.8	12.00	359.54	392.1
7	18209.2	90.00	359.54	11250.0	4944.0	-725.0	0.00	0.00	4996.9
									KOP (Della 29 Federal #606H)
									PBHL (Della 29 Federal #606H)

WELLBORE TARGET DETAILS (MAP COORDINATES)						
Name	TVC	+N/-S	+E/-W	Nothing	Easting	Shape
KOP (Della 29 Federal #606H)	18772.5	-182.0	484.0	558901.00	770427.00	Point
FTF (Della 29 Federal #606H)	11250.0	-182.0	494.0	558901.00	770427.00	Point
PBHL (Della 29 Federal #606H)	11250.0	-182.0	494.0	558901.00	770427.00	Point





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Della 29 Fed Com

#606H

OH

Plan: Plan #0.2

Standard Planning Report

10 September, 2018



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Della 29 Fed Com
Well: #606H
Wellbore: OH
Design: Plan #0.2

Local Co-ordinate Reference: Well #606H
TVD Reference: KB = 25 @ 3734.0usft
MD Reference: KB = 25 @ 3734.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project Lea County, NM (NAD 83 NME)

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site Della 29 Fed Com

Site Position: Northing: 560,090.00 usft Latitude: 32° 32' 15.008 N
From: Map Easting: 772,794.00 usft Longitude: 103° 34' 56.155 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16 " Grid Convergence: 0.40 °

Well #606H

Well Position +N/-S -7.0 usft Northing: 560,083.00 usft Latitude: 32° 32' 15.056 N
 +E/-W -1,683.0 usft Easting: 771,111.00 usft Longitude: 103° 35' 15.815 W
Position Uncertainty 0.0 usft Wellhead Elevation: Ground Level: 3,709.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/18/2017	6.97	60.35	48,112.02665443

Design: Plan #0.2

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	351.66

Plan Survey Tool Program Date 9/10/2018

Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	16,209.2 Plan #0.2 (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	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,312.7	6.25	255.10	4,312.0	-4.4	-16.5	2.00	2.00	0.00	255.10	
10,497.9	6.25	255.10	10,460.5	-177.6	-667.5	0.00	0.00	0.00	0.00	
10,810.5	0.00	0.00	10,772.5	-182.0	-684.0	2.00	-2.00	0.00	180.00	KOP (Della 29 Federa
11,560.5	90.00	359.54	11,250.0	295.4	-687.8	12.00	12.00	-0.06	359.54	
16,209.2	90.00	359.54	11,250.0	4,944.0	-725.0	0.00	0.00	0.00	0.00	PBHL (Della 29 Feder

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Della 29 Fed Com.
Well: #606H
Wellbore: OH
Design: Plan #0.2

Local Co-ordinate Reference: Well #606H
TVD Reference: KB = 25 @ 3734.0usft
MD Reference: KB = 25 @ 3734.0usft
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	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	2.00	255.10	4,100.0	-0.4	-1.7	-0.2	2.00	2.00	0.00
4,200.0	4.00	255.10	4,199.8	-1.8	-6.7	-0.8	2.00	2.00	0.00
4,300.0	6.00	255.10	4,299.5	-4.0	-15.2	-1.8	2.00	2.00	0.00
4,312.7	6.25	255.10	4,312.0	-4.4	-16.5	-1.9	2.00	2.00	0.00
4,400.0	6.25	255.10	4,398.9	-6.8	-25.7	-3.0	0.00	0.00	0.00
4,500.0	6.25	255.10	4,498.3	-9.6	-36.2	-4.3	0.00	0.00	0.00
4,600.0	6.25	255.10	4,597.7	-12.4	-46.7	-5.5	0.00	0.00	0.00
4,700.0	6.25	255.10	4,697.1	-15.2	-57.2	-6.8	0.00	0.00	0.00
4,800.0	6.25	255.10	4,796.5	-18.0	-67.8	-8.0	0.00	0.00	0.00
4,900.0	6.25	255.10	4,895.9	-20.8	-78.3	-9.3	0.00	0.00	0.00
5,000.0	6.25	255.10	4,995.3	-23.6	-88.8	-10.5	0.00	0.00	0.00
5,100.0	6.25	255.10	5,094.7	-26.4	-99.3	-11.7	0.00	0.00	0.00
5,200.0	6.25	255.10	5,194.1	-29.2	-109.9	-13.0	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Della 29 Fed Com
Well: #606H
Wellbore: OH
Design: Plan #0.2

Local Co-ordinate Reference
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Well #606H
KB = 25 @ 3734.0usft
KB = 25 @ 3734.0usft
Grid
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	6.25	255.10	5,293.5	-32.0	-120.4	-14.2	0.00	0.00	0.00
5,400.0	6.25	255.10	5,392.9	-34.8	-130.9	-15.5	0.00	0.00	0.00
5,500.0	6.25	255.10	5,492.3	-37.6	-141.5	-16.7	0.00	0.00	0.00
5,600.0	6.25	255.10	5,591.7	-40.4	-152.0	-18.0	0.00	0.00	0.00
5,700.0	6.25	255.10	5,691.1	-43.2	-162.5	-19.2	0.00	0.00	0.00
5,800.0	6.25	255.10	5,790.5	-46.0	-173.0	-20.4	0.00	0.00	0.00
5,900.0	6.25	255.10	5,889.9	-48.8	-183.6	-21.7	0.00	0.00	0.00
6,000.0	6.25	255.10	5,989.3	-51.6	-194.1	-22.9	0.00	0.00	0.00
6,100.0	6.25	255.10	6,088.7	-54.4	-204.6	-24.2	0.00	0.00	0.00
6,200.0	6.25	255.10	6,188.2	-57.2	-215.1	-25.4	0.00	0.00	0.00
6,300.0	6.25	255.10	6,287.6	-60.0	-225.7	-26.7	0.00	0.00	0.00
6,400.0	6.25	255.10	6,387.0	-62.8	-236.2	-27.9	0.00	0.00	0.00
6,500.0	6.25	255.10	6,486.4	-65.6	-246.7	-29.2	0.00	0.00	0.00
6,600.0	6.25	255.10	6,585.8	-68.4	-257.2	-30.4	0.00	0.00	0.00
6,700.0	6.25	255.10	6,685.2	-71.2	-267.8	-31.6	0.00	0.00	0.00
6,800.0	6.25	255.10	6,784.6	-74.0	-278.3	-32.9	0.00	0.00	0.00
6,900.0	6.25	255.10	6,884.0	-76.8	-288.8	-34.1	0.00	0.00	0.00
7,000.0	6.25	255.10	6,983.4	-79.6	-299.3	-35.4	0.00	0.00	0.00
7,100.0	6.25	255.10	7,082.8	-82.5	-309.9	-36.6	0.00	0.00	0.00
7,200.0	6.25	255.10	7,182.2	-85.3	-320.4	-37.9	0.00	0.00	0.00
7,300.0	6.25	255.10	7,281.6	-88.1	-330.9	-39.1	0.00	0.00	0.00
7,400.0	6.25	255.10	7,381.0	-90.9	-341.4	-40.4	0.00	0.00	0.00
7,500.0	6.25	255.10	7,480.4	-93.7	-352.0	-41.6	0.00	0.00	0.00
7,600.0	6.25	255.10	7,579.8	-96.5	-362.5	-42.8	0.00	0.00	0.00
7,700.0	6.25	255.10	7,679.2	-99.3	-373.0	-44.1	0.00	0.00	0.00
7,800.0	6.25	255.10	7,778.6	-102.1	-383.5	-45.3	0.00	0.00	0.00
7,900.0	6.25	255.10	7,878.0	-104.9	-394.1	-46.6	0.00	0.00	0.00
8,000.0	6.25	255.10	7,977.4	-107.7	-404.6	-47.8	0.00	0.00	0.00
8,100.0	6.25	255.10	8,076.8	-110.5	-415.1	-49.1	0.00	0.00	0.00
8,200.0	6.25	255.10	8,176.3	-113.3	-425.7	-50.3	0.00	0.00	0.00
8,300.0	6.25	255.10	8,275.7	-116.1	-436.2	-51.5	0.00	0.00	0.00
8,400.0	6.25	255.10	8,375.1	-118.9	-446.7	-52.8	0.00	0.00	0.00
8,500.0	6.25	255.10	8,474.5	-121.7	-457.2	-54.0	0.00	0.00	0.00
8,600.0	6.25	255.10	8,573.9	-124.5	-467.8	-55.3	0.00	0.00	0.00
8,700.0	6.25	255.10	8,673.3	-127.3	-478.3	-56.5	0.00	0.00	0.00
8,800.0	6.25	255.10	8,772.7	-130.1	-488.8	-57.8	0.00	0.00	0.00
8,900.0	6.25	255.10	8,872.1	-132.9	-499.3	-59.0	0.00	0.00	0.00
9,000.0	6.25	255.10	8,971.5	-135.7	-509.9	-60.3	0.00	0.00	0.00
9,100.0	6.25	255.10	9,070.9	-138.5	-520.4	-61.5	0.00	0.00	0.00
9,200.0	6.25	255.10	9,170.3	-141.3	-530.9	-62.7	0.00	0.00	0.00
9,300.0	6.25	255.10	9,269.7	-144.1	-541.4	-64.0	0.00	0.00	0.00
9,400.0	6.25	255.10	9,369.1	-146.9	-552.0	-65.2	0.00	0.00	0.00
9,500.0	6.25	255.10	9,468.5	-149.7	-562.5	-66.5	0.00	0.00	0.00
9,600.0	6.25	255.10	9,567.9	-152.5	-573.0	-67.7	0.00	0.00	0.00
9,700.0	6.25	255.10	9,667.3	-155.3	-583.5	-69.0	0.00	0.00	0.00
9,800.0	6.25	255.10	9,766.7	-158.1	-594.1	-70.2	0.00	0.00	0.00
9,900.0	6.25	255.10	9,866.1	-160.9	-604.6	-71.4	0.00	0.00	0.00
10,000.0	6.25	255.10	9,965.5	-163.7	-615.1	-72.7	0.00	0.00	0.00
10,100.0	6.25	255.10	10,064.9	-166.5	-625.6	-73.9	0.00	0.00	0.00
10,200.0	6.25	255.10	10,164.4	-169.3	-636.2	-75.2	0.00	0.00	0.00
10,300.0	6.25	255.10	10,263.8	-172.1	-646.7	-76.4	0.00	0.00	0.00
10,400.0	6.25	255.10	10,363.2	-174.9	-657.2	-77.7	0.00	0.00	0.00
10,497.9	6.25	255.10	10,460.5	-177.6	-667.5	-78.9	0.00	0.00	0.00
10,500.0	6.21	255.10	10,462.6	-177.7	-667.8	-78.9	2.00	-2.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Della 29 Fed Com
Well: #606H
Wellbore: OH
Design: Plan #0.2

Local Co-ordinate Reference: Well #606H
TVD Reference: KB = 25 @ 3734.0usft
MD Reference: KB = 25 @ 3734.0usft
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)
10,600.0	4.21	255.10	10,562.1	-180.0	-676.5	-79.9	2.00	-2.00	0.00
10,700.0	2.21	255.10	10,662.0	-181.5	-681.9	-80.6	2.00	-2.00	0.00
10,800.0	0.21	255.10	10,762.0	-182.0	-684.0	-80.8	2.00	-2.00	0.00
10,810.5	0.00	0.00	10,772.5	-182.0	-684.0	-80.8	2.00	-2.00	0.00
KOP (Della 29 Federal #606H)									
10,825.0	1.74	359.54	10,787.0	-181.8	-684.0	-80.6	12.00	12.00	0.00
10,850.0	4.74	359.54	10,811.9	-180.4	-684.0	-79.2	12.00	12.00	0.00
10,875.0	7.74	359.54	10,836.8	-177.7	-684.0	-76.5	12.00	12.00	0.00
10,900.0	10.74	359.54	10,861.4	-173.6	-684.1	-72.6	12.00	12.00	0.00
10,925.0	13.74	359.54	10,885.9	-168.3	-684.1	-67.3	12.00	12.00	0.00
10,950.0	16.74	359.54	10,910.0	-161.8	-684.2	-60.8	12.00	12.00	0.00
10,975.0	19.74	359.54	10,933.7	-154.0	-684.2	-53.1	12.00	12.00	0.00
11,000.0	22.74	359.54	10,957.0	-144.9	-684.3	-44.1	12.00	12.00	0.00
11,025.0	25.74	359.54	10,979.8	-134.6	-684.4	-33.9	12.00	12.00	0.00
11,050.0	28.74	359.54	11,002.0	-123.2	-684.5	-22.6	12.00	12.00	0.00
11,075.0	31.74	359.54	11,023.6	-110.6	-684.6	-10.1	12.00	12.00	0.00
11,100.0	34.74	359.54	11,044.6	-96.9	-684.7	3.4	12.00	12.00	0.00
11,125.0	37.74	359.54	11,064.7	-82.1	-684.8	18.1	12.00	12.00	0.00
11,150.0	40.74	359.54	11,084.1	-66.3	-684.9	33.7	12.00	12.00	0.00
11,175.0	43.74	359.54	11,102.6	-49.5	-685.1	50.4	12.00	12.00	0.00
11,200.0	46.74	359.54	11,120.2	-31.8	-685.2	68.0	12.00	12.00	0.00
11,211.7	48.14	359.54	11,128.1	-23.2	-685.3	76.5	12.00	12.00	0.00
FTP (Della 29 Federal #606H)									
11,225.0	49.74	359.54	11,136.8	-13.1	-685.4	86.4	12.00	12.00	0.00
11,250.0	52.74	359.54	11,152.5	6.4	-685.5	105.7	12.00	12.00	0.00
11,275.0	55.74	359.54	11,167.1	26.6	-685.7	125.8	12.00	12.00	0.00
11,300.0	58.74	359.54	11,180.6	47.7	-685.8	146.7	12.00	12.00	0.00
11,325.0	61.74	359.54	11,193.0	69.4	-686.0	168.2	12.00	12.00	0.00
11,350.0	64.74	359.54	11,204.3	91.7	-686.2	190.3	12.00	12.00	0.00
11,375.0	67.74	359.54	11,214.4	114.5	-686.4	212.9	12.00	12.00	0.00
11,400.0	70.74	359.54	11,223.2	137.9	-686.6	236.1	12.00	12.00	0.00
11,425.0	73.74	359.54	11,230.9	161.7	-686.7	259.7	12.00	12.00	0.00
11,450.0	76.74	359.54	11,237.2	185.9	-686.9	283.6	12.00	12.00	0.00
11,475.0	79.74	359.54	11,242.3	210.4	-687.1	307.8	12.00	12.00	0.00
11,500.0	82.74	359.54	11,246.1	235.1	-687.3	332.3	12.00	12.00	0.00
11,525.0	85.74	359.54	11,248.6	259.9	-687.5	356.9	12.00	12.00	0.00
11,550.0	88.74	359.54	11,249.8	284.9	-687.7	381.7	12.00	12.00	0.00
11,560.5	90.00	359.54	11,250.0	295.4	-687.8	392.1	12.00	12.00	0.00
11,600.0	90.00	359.54	11,250.0	334.9	-688.1	431.2	0.00	0.00	0.00
11,700.0	90.00	359.54	11,250.0	434.9	-688.9	530.3	0.00	0.00	0.00
11,800.0	90.00	359.54	11,250.0	534.9	-689.7	629.3	0.00	0.00	0.00
11,900.0	90.00	359.54	11,250.0	634.9	-690.5	728.4	0.00	0.00	0.00
12,000.0	90.00	359.54	11,250.0	734.9	-691.3	827.4	0.00	0.00	0.00
12,100.0	90.00	359.54	11,250.0	834.9	-692.1	926.5	0.00	0.00	0.00
12,200.0	90.00	359.54	11,250.0	934.9	-692.9	1,025.5	0.00	0.00	0.00
12,300.0	90.00	359.54	11,250.0	1,034.9	-693.7	1,124.6	0.00	0.00	0.00
12,400.0	90.00	359.54	11,250.0	1,134.9	-694.5	1,223.6	0.00	0.00	0.00
12,500.0	90.00	359.54	11,250.0	1,234.9	-695.3	1,322.7	0.00	0.00	0.00
12,600.0	90.00	359.54	11,250.0	1,334.9	-696.1	1,421.8	0.00	0.00	0.00
12,700.0	90.00	359.54	11,250.0	1,434.9	-696.9	1,520.8	0.00	0.00	0.00
12,800.0	90.00	359.54	11,250.0	1,534.9	-697.7	1,619.9	0.00	0.00	0.00
12,900.0	90.00	359.54	11,250.0	1,634.9	-698.5	1,718.9	0.00	0.00	0.00
13,000.0	90.00	359.54	11,250.0	1,734.9	-699.3	1,818.0	0.00	0.00	0.00
13,100.0	90.00	359.54	11,250.0	1,834.9	-700.1	1,917.0	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Della 29 Fed Com
 Well: #606H
 Wellbore: OH
 Design: Plan #0.2

Local Co-ordinate Reference: Well #606H
 TVD Reference: KB = 25 @ 3734.0usft
 MD Reference: KB = 25 @ 3734.0usft
 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)
13,200.0	90.00	359.54	11,250.0	1,934.9	-700.9	2,016.1	0.00	0.00	0.00
13,300.0	90.00	359.54	11,250.0	2,034.9	-701.7	2,115.1	0.00	0.00	0.00
13,400.0	90.00	359.54	11,250.0	2,134.8	-702.5	2,214.2	0.00	0.00	0.00
13,500.0	90.00	359.54	11,250.0	2,234.8	-703.3	2,313.2	0.00	0.00	0.00
13,600.0	90.00	359.54	11,250.0	2,334.8	-704.1	2,412.3	0.00	0.00	0.00
13,700.0	90.00	359.54	11,250.0	2,434.8	-704.9	2,511.4	0.00	0.00	0.00
13,800.0	90.00	359.54	11,250.0	2,534.8	-705.7	2,610.4	0.00	0.00	0.00
13,900.0	90.00	359.54	11,250.0	2,634.8	-706.5	2,709.5	0.00	0.00	0.00
14,000.0	90.00	359.54	11,250.0	2,734.8	-707.3	2,808.5	0.00	0.00	0.00
14,100.0	90.00	359.54	11,250.0	2,834.8	-708.1	2,907.6	0.00	0.00	0.00
14,200.0	90.00	359.54	11,250.0	2,934.8	-708.9	3,006.6	0.00	0.00	0.00
14,300.0	90.00	359.54	11,250.0	3,034.8	-709.7	3,105.7	0.00	0.00	0.00
14,400.0	90.00	359.54	11,250.0	3,134.8	-710.5	3,204.7	0.00	0.00	0.00
14,500.0	90.00	359.54	11,250.0	3,234.8	-711.3	3,303.8	0.00	0.00	0.00
14,600.0	90.00	359.54	11,250.0	3,334.8	-712.1	3,402.8	0.00	0.00	0.00
14,700.0	90.00	359.54	11,250.0	3,434.8	-712.9	3,501.9	0.00	0.00	0.00
14,800.0	90.00	359.54	11,250.0	3,534.8	-713.7	3,601.0	0.00	0.00	0.00
14,900.0	90.00	359.54	11,250.0	3,634.8	-714.5	3,700.0	0.00	0.00	0.00
15,000.0	90.00	359.54	11,250.0	3,734.8	-715.3	3,799.1	0.00	0.00	0.00
15,100.0	90.00	359.54	11,250.0	3,834.8	-716.1	3,898.1	0.00	0.00	0.00
15,200.0	90.00	359.54	11,250.0	3,934.8	-716.9	3,997.2	0.00	0.00	0.00
15,300.0	90.00	359.54	11,250.0	4,034.8	-717.7	4,096.2	0.00	0.00	0.00
15,400.0	90.00	359.54	11,250.0	4,134.8	-718.5	4,195.3	0.00	0.00	0.00
15,500.0	90.00	359.54	11,250.0	4,234.8	-719.3	4,294.3	0.00	0.00	0.00
15,600.0	90.00	359.54	11,250.0	4,334.8	-720.1	4,393.4	0.00	0.00	0.00
15,700.0	90.00	359.54	11,250.0	4,434.8	-720.9	4,492.4	0.00	0.00	0.00
15,800.0	90.00	359.54	11,250.0	4,534.8	-721.7	4,591.5	0.00	0.00	0.00
15,900.0	90.00	359.54	11,250.0	4,634.8	-722.5	4,690.6	0.00	0.00	0.00
16,000.0	90.00	359.54	11,250.0	4,734.8	-723.3	4,789.6	0.00	0.00	0.00
16,100.0	90.00	359.54	11,250.0	4,834.8	-724.1	4,888.7	0.00	0.00	0.00
16,209.2	90.00	359.54	11,250.0	4,944.0	-725.0	4,996.9	0.00	0.00	0.00

PBHL (Della 29 Federal #606H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP (Della 29 Federal # - hit/miss target - Shape - Point	0.00	0.00	10,772.5	-182.0	-684.0	559,901.00	770,427.00	32° 32' 13.303 N	103° 35' 23.819 W
PBHL (Della 29 Federal - plan hits target center - Point	0.00	0.00	11,250.0	4,944.0	-725.0	565,027.00	770,386.00	32° 33' 4.026 N	103° 35' 23.880 W
FTP (Della 29 Federal # - plan misses target center by 163.4usft at 11211.7usft MD (11128.1 TVD, -23.2 N, -685.3 E) - Point	0.00	0.00	11,250.0	-132.0	-684.0	559,951.00	770,427.00	32° 32' 13.797 N	103° 35' 23.815 W