Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
OCD Hobbs
SEP 25 2017
RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM26079

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STREETCAR 15 FED 703H

2. Name of Operator
EOG RESOURCES INCORPORATED
Contact: STAN WAGNER
E-Mail: stan_wagner@eogresources.com

9. API Well No.
30-025-42879-00-X1

3a. Address
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-686-3689

10. Field and Pool or Exploratory Area
WC025G09S253309A-UPR WOLFCAM

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 15 T25S R33E SWSE 250FSL 1450FEL

11. County or Parish, State
LEA COUNTY, NM

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

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

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

EOG Resources requests permission to skid from the original wellbore for this well to a new location and re-drill the wellbore. The location change is necessitated due to problems encountered while setting surface casing. The original well in now P&A.

Original well:
Streetcar 15 Fed 703H
30-025-42879
250' FSL & 1445' FEL 15-25S-33E

Replacement well:
Streetcar 15 Fed 703Y
30-025-?????

Approved in accordance with original APD and COAs

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

Electronic Submission #387925 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by CHRISTOPHER WALLS on 09/15/2017 (17CRW0032SE)

Name *(Printed/Typed)* STAN WAGNER — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 09/07/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title ACTING ASSOCIATE FM — Date 15 SEP 2017

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

Office CARLSBAD

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

(Instructions on page 2)

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

Additional data for EC transaction #387925 that would not fit on the form

32. Additional remarks, continued

250' FSL & 1430' FEL 15-25S-33E

A new plat and directional plan is attached. The drill plan remains the same.

Form 3160-3
(March 2012)

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
NMNM26079

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☑ DRILL ☐ REENTER

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

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Streetcar 15 Fed 703Y

2. Name of Operator EOG Resources, Inc

9. API Well No.
30-025-43999

3a. Address P.O. Box 2267 Midland, TX 79702

3b. Phone No. *(include area code)*
432-686-3689

10. Field and Pool, or Exploratory
WC-025 S253309A Upper Wolfcamp

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface 250' FSL & 1430' FEL, SWSE (O), Sec 15, 25S, 33E

At proposed prod. zone 230' FNL & 1656' FEL, NWNE (B), Sec 15

11. Sec., T. R. M. or Blk. and Survey or Area
Section 15, T25S, R33E

14. Distance in miles and direction from nearest town or post office*
Approximately +/- 30 miles Southwest from Jal, NM

12. County or Parish
Lea

13. State
NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 250' SL, 330' PP

16. No. of acres in lease
640

17. Spacing Unit dedicated to this well
160 ac.

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft 504' frm 602H

19. Proposed Depth
17210' MD, 12413' TVD

20. BLM/BIA Bond No. on file
NM 2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
3353' GL

22. Approximate date work will start*
09/16/2017

23. Estimated duration
25 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office)
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Stan Wagner — Name *(Printed Typed)* Stan Wagner — Date 09/15/2017

Title
Regulatory Specialist

Approved by *(Signature)* — Name *(Printed Typed)* Ty Allen — Date 15 Sep 2017

Title Acting Assistant FM — Office Carlsbad

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

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.

(Continued on page 2)

*(Instructions on page 2)

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 Sante 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.
Sante 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	[2]Pool Code	[3]Pool Name
30-025-	98180	WC-025 G-09 S253309A; Upper Wolfcamp

[4]Property Code	[5]Property Name	[6]Well Number
315310	STREETCAR 15 FED	#703Y

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3353'

[10]Surface Location

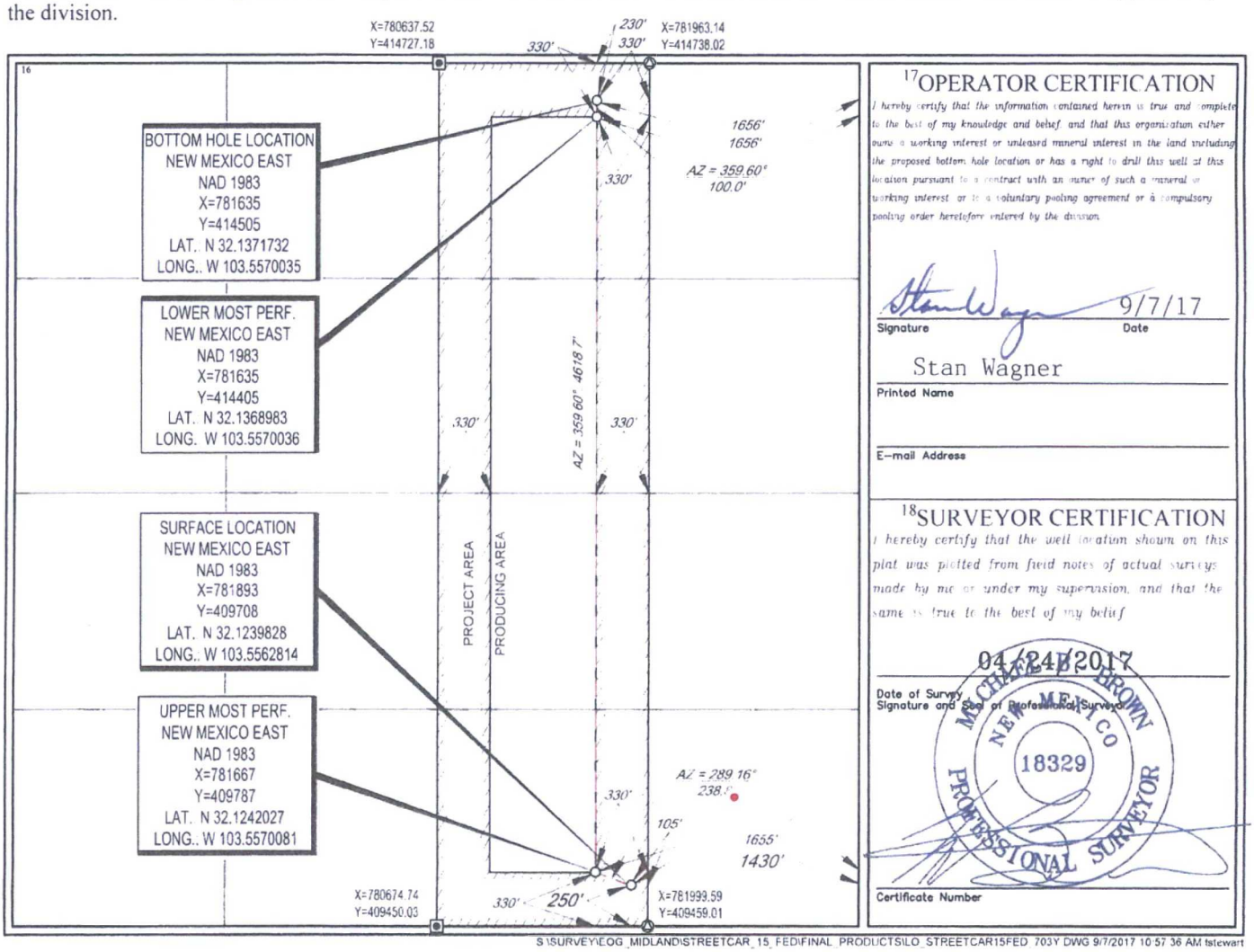
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	25-S	33-E	-	250'	SOUTH	1430'	EAST	LEA

[11]Bottom 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
B	15	25-S	33-E	-	230'	NORTH	1656'	EAST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
160.00			

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.



[17]OPERATOR 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 9/7/17 Date

Stan Wagner
Printed Name

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.

04/24/2017
Date of Survey
Signature and Seal of Professional Surveyor

Certificate Number

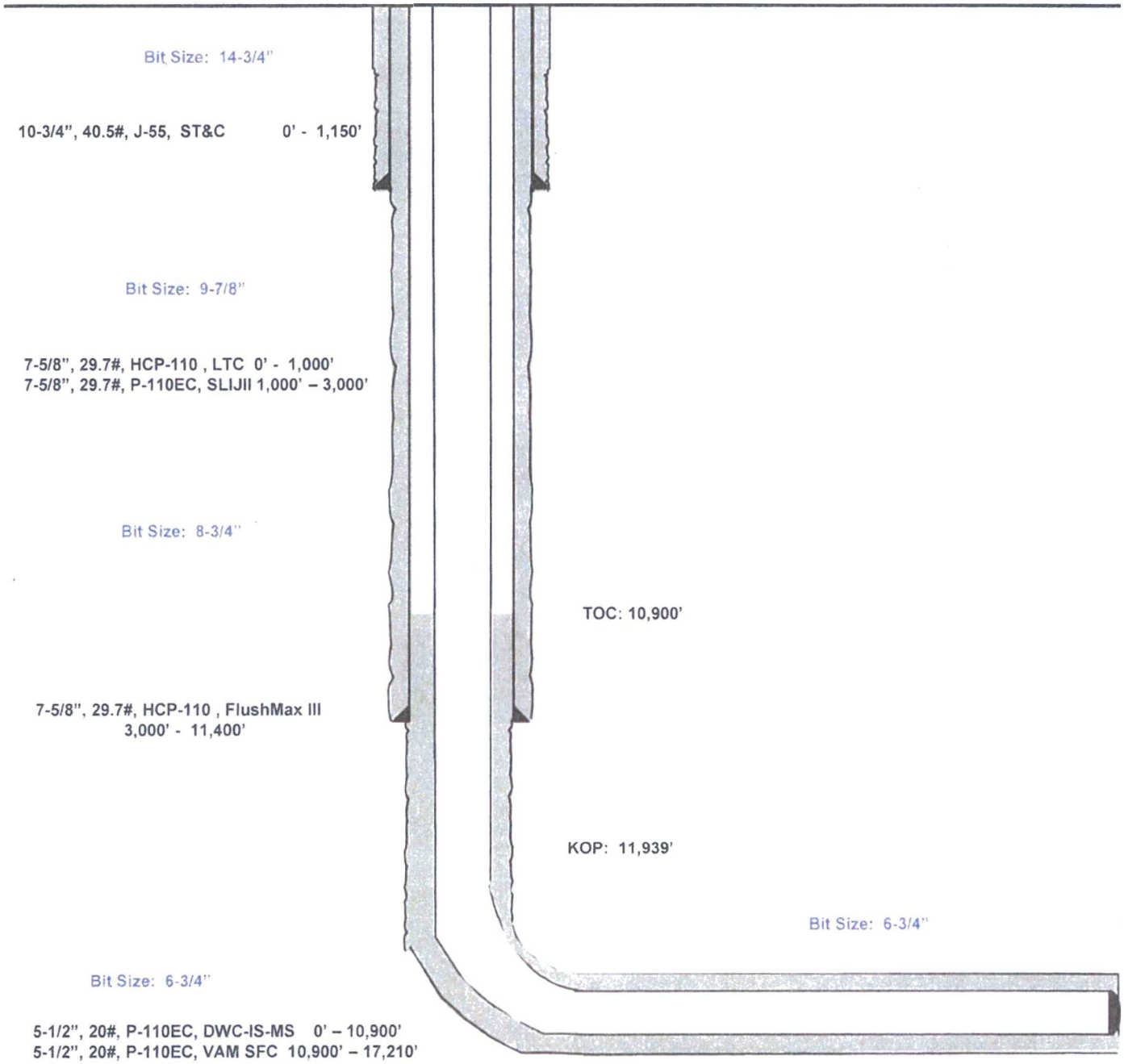
S:\SURVEY\EOG_MIDLAND\STREETCAR_15_FED\FINAL_PRODUCTS\LO_STREETCAR15FED_703Y.DWG 9/7/2017 10:57:36 AM tstewart

Streetcar 15 Fed #703Y

250' FSL
1430' FEL
Section 15
T-25-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 9/7/17
API: 30-025-xxxx

KB: 3,378'
GL: 3,353'



Lateral: 17,210' MD, 12,413' TVD
Upper Most Perf:
330' FSL & 1655' FEL Sec. 15
Lower Most Perf:
330' FNL & 1656' FEL Sec. 15
BH Location: 230' FNL & 1656' FEL
Section 15
T-25-S, R-33-E

eog resources

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: -0.41°
Magnetic North: 6.52°

Magnetic Field
Strength: 47872.1snT
Dip Angle: 59.97°
Date: 7/18/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.52°
To convert a Magnetic Direction to a True Direction, Add 6.93° East
To convert a True Direction to a Grid Direction, Subtract 0.41°

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed #703Y

H&P 647

Plan #0.1

WELL DETAILS: #703Y

3353.6
KB = 25 @ 3378.0usft (H&P 647)

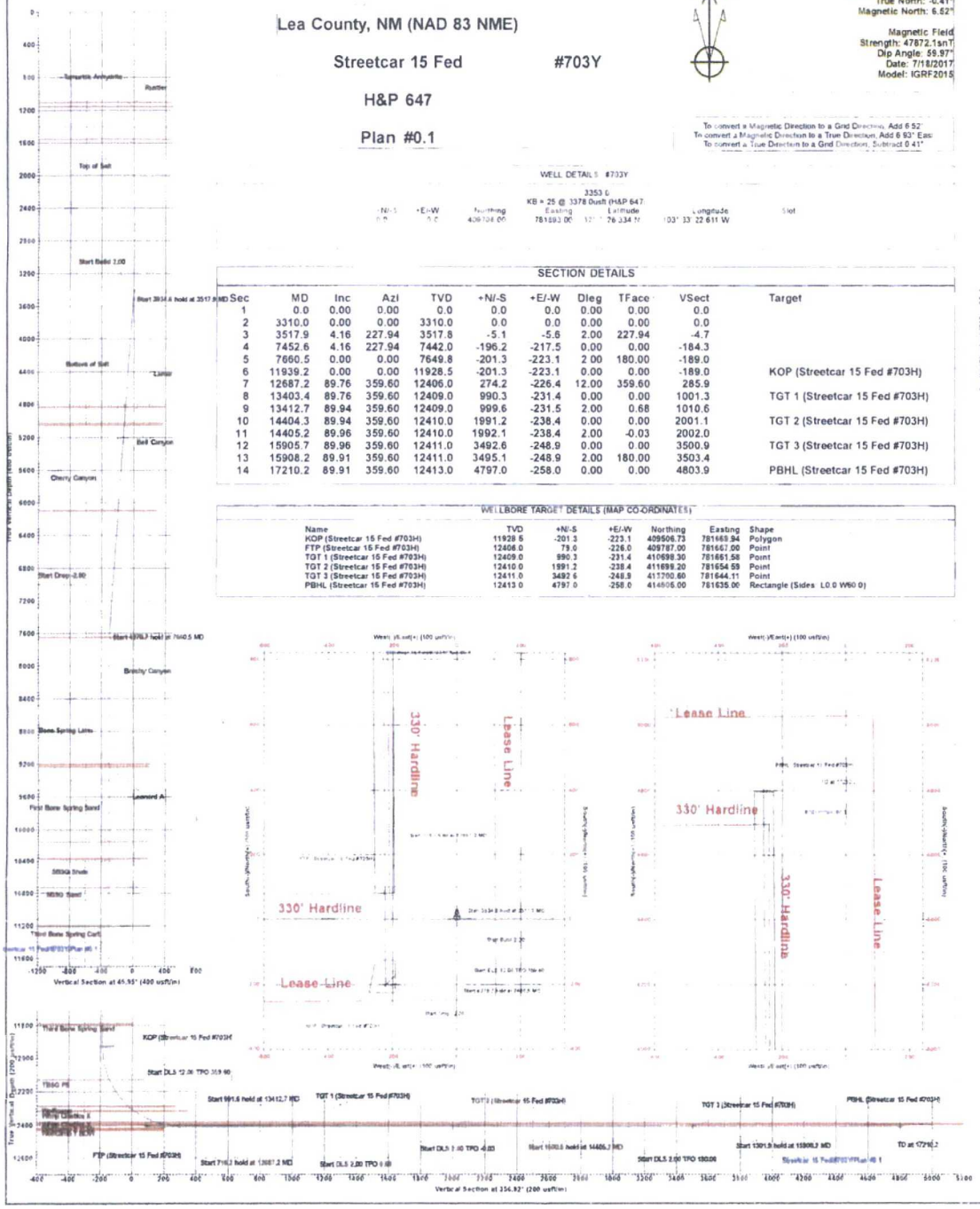
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	409708.00	781693.00	32° 1' 16.334 N	103° 33' 22.611 W	

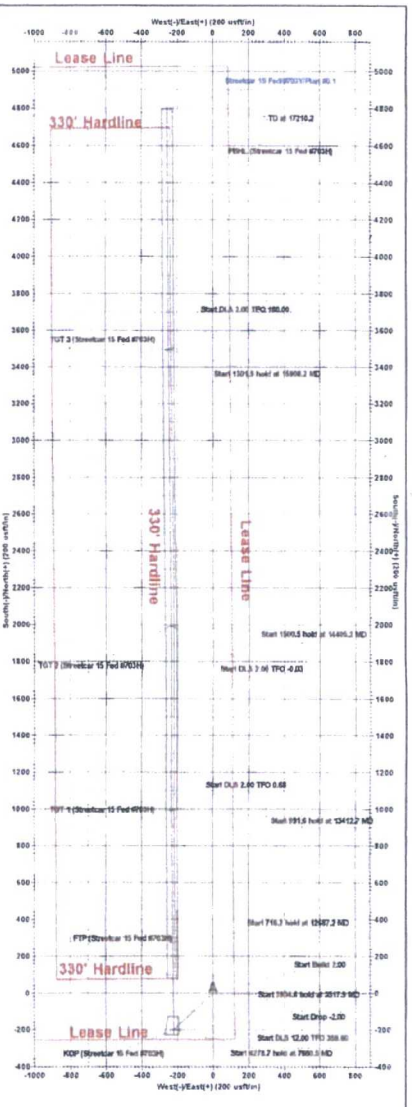
SECTION DETAILS

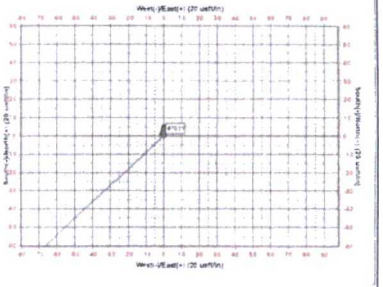
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3310.0	0.00	0.00	3310.0	0.0	0.0	0.00	0.00	0.0	
3	3517.9	4.16	227.94	3517.8	-5.1	-5.6	2.00	227.94	-4.7	
4	7452.6	4.16	227.94	7442.0	-196.2	-217.5	0.00	0.00	-184.3	
5	7660.5	0.00	0.00	7649.8	-201.3	-223.1	2.00	180.00	-189.0	
6	11939.2	0.00	0.00	11928.5	-201.3	-223.1	0.00	0.00	-189.0	KOP (Streetcar 15 Fed #703H)
7	12687.2	89.76	359.60	12406.0	274.2	-226.4	12.00	359.60	285.9	
8	13403.4	89.76	359.60	12409.0	990.3	-231.4	0.00	0.00	1001.3	TGT 1 (Streetcar 15 Fed #703H)
9	13412.7	89.94	359.60	12409.0	999.6	-231.5	2.00	0.68	1010.6	
10	14404.3	89.94	359.60	12410.0	1991.2	-238.4	0.00	0.00	2001.1	TGT 2 (Streetcar 15 Fed #703H)
11	14405.2	89.96	359.60	12410.0	1992.1	-238.4	2.00	-0.03	2002.0	
12	15905.7	89.96	359.60	12411.0	3492.6	-248.9	0.00	0.00	3500.9	TGT 3 (Streetcar 15 Fed #703H)
13	15908.2	89.91	359.60	12411.0	3495.1	-248.9	2.00	180.00	3503.4	
14	17210.2	89.91	359.60	12413.0	4797.0	-258.0	0.00	0.00	4803.9	PBHL (Streetcar 15 Fed #703H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
KOP (Streetcar 15 Fed #703H)	11928.5	-201.3	-223.1	409506.73	781469.94	Polygon
FTP (Streetcar 15 Fed #703H)	12406.0	79.0	-226.0	409787.00	781667.00	Point
TGT 1 (Streetcar 15 Fed #703H)	12409.0	990.3	-231.4	410698.30	781661.58	Point
TGT 2 (Streetcar 15 Fed #703H)	12410.0	1991.2	-238.4	411699.20	781654.59	Point
TGT 3 (Streetcar 15 Fed #703H)	12411.0	3492.6	-248.9	413200.60	781644.11	Point
PBHL (Streetcar 15 Fed #703H)	12413.0	4797.0	-258.0	414605.00	781635.00	Rectangle (Sides: L0.0 W60.0)







EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Streetcar 15 Fed
#703Y
72040
OH

Plan: Plan #0.1

Standard Planning Report

07 September, 2017

Planning Report

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Project Lea County, NM (NAD 83 NME)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Streetcar 15 Fed

Site Position:		**Northing:**	409,714.00 usft	**Latitude:**	32° 7' 26.337 N
From:	Map	**Easting:**	782,680.00 usft	**Longitude:**	103° 33' 13.460 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.41 °

Well #703Y

Well Position	**+N/-S**	-6.0 usft	**Northing:**	409,708.00 usft	**Latitude:**	32° 7' 26.334 N
	+E/-W	-787.0 usft	**Easting:**	781,893.00 usft	**Longitude:**	103° 33' 22.611 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,353.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/18/2017	6.93	59.97	47,872.05234489

Design Plan #0.1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	-2.0	0.0	0.0	356.92

Plan Survey Tool Program **Date** 9/7/2017

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,210.2	Plan #0.1 (OH)	MWD	
				MWD - Standard	

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,310.0	0.00	0.00	3,310.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,517.9	4.16	227.94	3,517.8	-5.1	-5.6	2.00	2.00	0.00	227.94	
7,452.6	4.16	227.94	7,442.0	-196.2	-217.5	0.00	0.00	0.00	0.00	
7,660.5	0.00	0.00	7,649.8	-201.3	-223.1	2.00	-2.00	0.00	180.00	
11,939.2	0.00	0.00	11,928.5	-201.3	-223.1	0.00	0.00	0.00	0.00	KOP (Streetcar 15 Fe
12,687.2	89.76	359.60	12,406.0	274.2	-226.4	12.00	12.00	-0.05	359.60	
13,403.4	89.76	359.60	12,409.0	990.3	-231.4	0.00	0.00	0.00	0.00	TGT 1 (Streetcar 15 F
13,412.7	89.94	359.60	12,409.0	999.6	-231.5	2.00	2.00	0.02	0.68	
14,404.3	89.94	359.60	12,410.0	1,991.2	-238.4	0.00	0.00	0.00	0.00	TGT 2 (Streetcar 15 F
14,405.2	89.96	359.60	12,410.0	1,992.1	-238.4	2.00	2.00	0.00	-0.03	
15,905.7	89.96	359.60	12,411.0	3,492.6	-248.9	0.00	0.00	0.00	0.00	TGT 3 (Streetcar 15 F
15,908.2	89.91	359.60	12,411.0	3,495.1	-248.9	2.00	-2.00	0.00	180.00	
17,210.2	89.91	359.60	12,413.0	4,797.0	-258.0	0.00	0.00	0.00	0.00	PBHL (Streetcar 15 F

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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
1,105.0	0.00	0.00	1,105.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler									
1,156.0	0.00	0.00	1,156.0	0.0	0.0	0.0	0.00	0.00	0.00
Tamarisk Anhydrite									
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
1,558.0	0.00	0.00	1,558.0	0.0	0.0	0.0	0.00	0.00	0.00
Top of Salt									
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
3,310.0	0.00	0.00	3,310.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	1.80	227.94	3,400.0	-0.9	-1.0	-0.9	2.00	2.00	0.00
3,500.0	3.80	227.94	3,499.9	-4.2	-4.7	-4.0	2.00	2.00	0.00
3,517.9	4.16	227.94	3,517.8	-5.1	-5.6	-4.7	2.00	2.00	0.00
3,600.0	4.16	227.94	3,599.6	-9.0	-10.0	-8.5	0.00	0.00	0.00
3,700.0	4.16	227.94	3,699.3	-13.9	-15.4	-13.1	0.00	0.00	0.00
3,800.0	4.16	227.94	3,799.1	-18.8	-20.8	-17.6	0.00	0.00	0.00
3,900.0	4.16	227.94	3,898.8	-23.6	-26.2	-22.2	0.00	0.00	0.00
4,000.0	4.16	227.94	3,998.5	-28.5	-31.6	-26.7	0.00	0.00	0.00
4,100.0	4.16	227.94	4,098.3	-33.3	-36.9	-31.3	0.00	0.00	0.00
4,200.0	4.16	227.94	4,198.0	-38.2	-42.3	-35.9	0.00	0.00	0.00
4,300.0	4.16	227.94	4,297.8	-43.0	-47.7	-40.4	0.00	0.00	0.00
4,400.0	4.16	227.94	4,397.5	-47.9	-53.1	-45.0	0.00	0.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,500.0	4.16	227.94	4,497.2	-52.8	-58.5	-49.5	0.00	0.00	0.00
4,600.0	4.16	227.94	4,597.0	-57.6	-63.9	-54.1	0.00	0.00	0.00
4,700.0	4.16	227.94	4,696.7	-62.5	-69.2	-58.7	0.00	0.00	0.00
4,800.0	4.16	227.94	4,796.4	-67.3	-74.6	-63.2	0.00	0.00	0.00
4,834.6	4.16	227.94	4,831.0	-69.0	-76.5	-64.8	0.00	0.00	0.00
Bottom of Salt									
4,900.0	4.16	227.94	4,896.2	-72.2	-80.0	-67.8	0.00	0.00	0.00
5,000.0	4.16	227.94	4,995.9	-77.1	-85.4	-72.4	0.00	0.00	0.00
5,033.2	4.16	227.94	5,029.0	-78.7	-87.2	-73.9	0.00	0.00	0.00
Lamar									
5,057.2	4.16	227.94	5,053.0	-79.8	-88.5	-75.0	0.00	0.00	0.00
Bell Canyon									
5,100.0	4.16	227.94	5,095.7	-81.9	-90.8	-76.9	0.00	0.00	0.00
5,200.0	4.16	227.94	5,195.4	-86.8	-96.2	-81.5	0.00	0.00	0.00
5,300.0	4.16	227.94	5,295.1	-91.6	-101.6	-86.0	0.00	0.00	0.00
5,400.0	4.16	227.94	5,394.9	-96.5	-106.9	-90.6	0.00	0.00	0.00
5,500.0	4.16	227.94	5,494.6	-101.4	-112.3	-95.2	0.00	0.00	0.00
5,600.0	4.16	227.94	5,594.3	-106.2	-117.7	-99.7	0.00	0.00	0.00
5,700.0	4.16	227.94	5,694.1	-111.1	-123.1	-104.3	0.00	0.00	0.00
5,800.0	4.16	227.94	5,793.8	-115.9	-128.5	-108.9	0.00	0.00	0.00
5,900.0	4.16	227.94	5,893.5	-120.8	-133.9	-113.4	0.00	0.00	0.00
6,000.0	4.16	227.94	5,993.3	-125.6	-139.2	-118.0	0.00	0.00	0.00
6,100.0	4.16	227.94	6,093.0	-130.5	-144.6	-122.5	0.00	0.00	0.00
6,110.0	4.16	227.94	6,103.0	-131.0	-145.2	-123.0	0.00	0.00	0.00
Cherry Canyon									
6,200.0	4.16	227.94	6,192.8	-135.4	-150.0	-127.1	0.00	0.00	0.00
6,300.0	4.16	227.94	6,292.5	-140.2	-155.4	-131.7	0.00	0.00	0.00
6,400.0	4.16	227.94	6,392.2	-145.1	-160.8	-136.2	0.00	0.00	0.00
6,500.0	4.16	227.94	6,492.0	-149.9	-166.2	-140.8	0.00	0.00	0.00
6,600.0	4.16	227.94	6,591.7	-154.8	-171.6	-145.4	0.00	0.00	0.00
6,700.0	4.16	227.94	6,691.4	-159.7	-176.9	-149.9	0.00	0.00	0.00
6,800.0	4.16	227.94	6,791.2	-164.5	-182.3	-154.5	0.00	0.00	0.00
6,900.0	4.16	227.94	6,890.9	-169.4	-187.7	-159.0	0.00	0.00	0.00
7,000.0	4.16	227.94	6,990.6	-174.2	-193.1	-163.6	0.00	0.00	0.00
7,100.0	4.16	227.94	7,090.4	-179.1	-198.5	-168.2	0.00	0.00	0.00
7,200.0	4.16	227.94	7,190.1	-183.9	-203.9	-172.7	0.00	0.00	0.00
7,300.0	4.16	227.94	7,289.9	-188.8	-209.2	-177.3	0.00	0.00	0.00
7,400.0	4.16	227.94	7,389.6	-193.7	-214.6	-181.9	0.00	0.00	0.00
7,452.6	4.16	227.94	7,442.0	-196.2	-217.5	-184.3	0.00	0.00	0.00
7,500.0	3.21	227.94	7,489.4	-198.3	-219.7	-186.2	2.00	-2.00	0.00
7,600.0	1.21	227.94	7,589.3	-200.8	-222.6	-188.6	2.00	-2.00	0.00
7,660.5	0.00	0.00	7,649.8	-201.3	-223.1	-189.0	2.00	-2.00	0.00
7,663.7	0.00	0.00	7,653.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
Brushy Canyon									
7,700.0	0.00	0.00	7,689.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,789.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,889.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,989.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,089.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,189.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,289.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,389.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,489.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,589.3	-201.3	-223.1	-189.0	0.00	0.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,700.0	0.00	0.00	8,689.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,789.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,889.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,000.0	0.00	0.00	8,989.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,089.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,189.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,213.7	0.00	0.00	9,203.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
Bone Spring Lime									
9,243.7	0.00	0.00	9,233.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
Leonard A									
9,300.0	0.00	0.00	9,289.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,389.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,489.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,589.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,689.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,789.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,889.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,000.0	0.00	0.00	9,989.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,089.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,172.7	0.00	0.00	10,162.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
First Bone Spring Sand									
10,200.0	0.00	0.00	10,189.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,289.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,382.7	0.00	0.00	10,372.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
SBSG Shale									
10,400.0	0.00	0.00	10,389.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,489.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,589.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,689.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,741.7	0.00	0.00	10,731.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
SBSG Sand									
10,800.0	0.00	0.00	10,789.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,889.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,000.0	0.00	0.00	10,989.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,089.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,200.0	0.00	0.00	11,189.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,217.7	0.00	0.00	11,207.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
Third Bone Spring Carb									
11,300.0	0.00	0.00	11,289.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,400.0	0.00	0.00	11,389.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,500.0	0.00	0.00	11,489.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,600.0	0.00	0.00	11,589.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,700.0	0.00	0.00	11,689.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,800.0	0.00	0.00	11,789.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,802.7	0.00	0.00	11,792.0	-201.3	-223.1	-189.0	0.00	0.00	0.00
Third Bone Spring Sand									
11,900.0	0.00	0.00	11,889.3	-201.3	-223.1	-189.0	0.00	0.00	0.00
11,939.2	0.00	0.00	11,928.5	-201.3	-223.1	-189.0	0.00	0.00	0.00
KOP (Streetcar 15 Fed #703H)									
11,950.0	1.29	359.60	11,939.3	-201.1	-223.1	-188.9	12.00	12.00	0.00
11,975.0	4.29	359.60	11,964.2	-199.9	-223.1	-187.7	12.00	12.00	0.00
12,000.0	7.29	359.60	11,989.1	-197.4	-223.1	-185.1	12.00	12.00	0.00
12,025.0	10.29	359.60	12,013.8	-193.6	-223.1	-181.3	12.00	12.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,050.0	13.29	359.60	12,038.3	-188.5	-223.1	-176.2	12.00	12.00	0.00
12,075.0	16.29	359.60	12,062.5	-182.1	-223.2	-169.8	12.00	12.00	0.00
12,100.0	19.29	359.60	12,086.3	-174.5	-223.2	-162.2	12.00	12.00	0.00
12,125.0	22.29	359.60	12,109.6	-165.6	-223.3	-153.4	12.00	12.00	0.00
12,148.3	25.09	359.60	12,131.0	-156.2	-223.4	-144.0	12.00	12.00	0.00
TBSG FS									
12,150.0	25.29	359.60	12,132.5	-155.5	-223.4	-143.3	12.00	12.00	0.00
12,175.0	28.29	359.60	12,154.8	-144.2	-223.5	-132.0	12.00	12.00	0.00
12,200.0	31.29	359.60	12,176.5	-131.8	-223.5	-119.6	12.00	12.00	0.00
12,225.0	34.29	359.60	12,197.5	-118.3	-223.6	-106.1	12.00	12.00	0.00
12,250.0	37.29	359.60	12,217.8	-103.7	-223.7	-91.5	12.00	12.00	0.00
12,275.0	40.29	359.60	12,237.3	-88.0	-223.9	-75.8	12.00	12.00	0.00
12,300.0	43.29	359.60	12,255.9	-71.3	-224.0	-59.2	12.00	12.00	0.00
12,325.0	46.29	359.60	12,273.6	-53.7	-224.1	-41.6	12.00	12.00	0.00
12,347.7	49.02	359.60	12,288.9	-36.9	-224.2	-24.8	12.00	12.00	0.00
Wolfcamp									
12,350.0	49.29	359.60	12,290.4	-35.2	-224.2	-23.1	12.00	12.00	0.00
12,375.0	52.29	359.60	12,306.2	-15.8	-224.4	-3.8	12.00	12.00	0.00
12,394.8	54.66	359.60	12,318.0	0.0	-224.5	12.1	12.00	12.00	0.00
Wfmp Clastics X									
12,400.0	55.29	359.60	12,321.0	4.3	-224.5	16.4	12.00	12.00	0.00
12,425.0	58.29	359.60	12,334.7	25.2	-224.6	37.3	12.00	12.00	0.00
12,450.0	61.29	359.60	12,347.3	46.8	-224.8	58.9	12.00	12.00	0.00
12,475.0	64.29	359.60	12,358.7	69.1	-225.0	81.1	12.00	12.00	0.00
12,500.0	67.29	359.60	12,369.0	91.9	-225.1	103.8	12.00	12.00	0.00
12,501.4	67.46	359.60	12,369.5	93.2	-225.1	105.1	12.00	12.00	0.00
FTP (Streetcar 15 Fed #703H)									
12,525.0	70.29	359.60	12,378.0	115.2	-225.3	127.1	12.00	12.00	0.00
12,550.0	73.29	359.60	12,385.8	138.9	-225.4	150.8	12.00	12.00	0.00
12,551.4	73.45	359.60	12,386.2	140.2	-225.5	152.1	12.00	12.00	0.00
Wfmp Clastics Y									
12,575.0	76.29	359.60	12,392.4	163.0	-225.6	174.9	12.00	12.00	0.00
12,592.8	78.42	359.60	12,396.3	180.4	-225.7	192.2	12.00	12.00	0.00
Wolfcamp Y TOW									
12,600.0	79.29	359.60	12,397.7	187.5	-225.8	199.3	12.00	12.00	0.00
12,625.0	82.29	359.60	12,401.7	212.2	-226.0	224.0	12.00	12.00	0.00
12,650.0	85.29	359.60	12,404.4	237.0	-226.1	248.8	12.00	12.00	0.00
12,675.0	88.29	359.60	12,405.8	262.0	-226.3	273.7	12.00	12.00	0.00
12,687.2	89.76	359.60	12,406.0	274.2	-226.4	285.9	12.00	12.00	0.00
12,700.0	89.76	359.60	12,406.0	287.0	-226.5	298.7	0.00	0.00	0.00
12,800.0	89.76	359.60	12,406.4	387.0	-227.2	398.6	0.00	0.00	0.00
12,900.0	89.76	359.60	12,406.9	486.9	-227.9	498.5	0.00	0.00	0.00
13,000.0	89.76	359.60	12,407.3	586.9	-228.6	598.4	0.00	0.00	0.00
13,100.0	89.76	359.60	12,407.7	686.9	-229.3	698.3	0.00	0.00	0.00
13,200.0	89.76	359.60	12,408.1	786.9	-230.0	798.2	0.00	0.00	0.00
13,300.0	89.76	359.60	12,408.6	886.9	-230.7	898.0	0.00	0.00	0.00
13,403.4	89.76	359.60	12,409.0	990.3	-231.4	1,001.3	0.00	0.00	0.00
TGT 1 (Streetcar 15 Fed #703H)									
13,412.7	89.94	359.60	12,409.0	999.6	-231.5	1,010.6	2.00	2.00	0.02
13,500.0	89.94	359.60	12,409.1	1,086.9	-232.1	1,097.8	0.00	0.00	0.00
13,600.0	89.94	359.60	12,409.2	1,186.9	-232.8	1,197.7	0.00	0.00	0.00
13,700.0	89.94	359.60	12,409.3	1,286.9	-233.5	1,297.6	0.00	0.00	0.00
13,800.0	89.94	359.60	12,409.4	1,386.9	-234.2	1,397.5	0.00	0.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,900.0	89.94	359.60	12,409.5	1,486.9	-234.9	1,497.4	0.00	0.00	0.00
14,000.0	89.94	359.60	12,409.6	1,586.9	-235.6	1,597.3	0.00	0.00	0.00
14,100.0	89.94	359.60	12,409.7	1,686.9	-236.3	1,697.2	0.00	0.00	0.00
14,200.0	89.94	359.60	12,409.8	1,786.9	-237.0	1,797.1	0.00	0.00	0.00
14,300.0	89.94	359.60	12,409.9	1,886.9	-237.7	1,897.0	0.00	0.00	0.00
14,404.3	89.94	359.60	12,410.0	1,991.2	-238.4	2,001.1	0.00	0.00	0.00
TGT 2 (Streetcar 15 Fed #703H)									
14,405.2	89.96	359.60	12,410.0	1,992.1	-238.4	2,002.0	2.00	2.00	0.00
14,500.0	89.96	359.60	12,410.1	2,086.9	-239.1	2,096.7	0.00	0.00	0.00
14,600.0	89.96	359.60	12,410.1	2,186.9	-239.8	2,196.6	0.00	0.00	0.00
14,700.0	89.96	359.60	12,410.2	2,286.9	-240.5	2,296.5	0.00	0.00	0.00
14,800.0	89.96	359.60	12,410.3	2,386.9	-241.2	2,396.4	0.00	0.00	0.00
14,900.0	89.96	359.60	12,410.3	2,486.9	-241.9	2,496.3	0.00	0.00	0.00
15,000.0	89.96	359.60	12,410.4	2,586.9	-242.6	2,596.2	0.00	0.00	0.00
15,100.0	89.96	359.60	12,410.5	2,686.9	-243.3	2,696.1	0.00	0.00	0.00
15,200.0	89.96	359.60	12,410.5	2,786.9	-244.0	2,796.0	0.00	0.00	0.00
15,300.0	89.96	359.60	12,410.6	2,886.9	-244.7	2,895.9	0.00	0.00	0.00
15,400.0	89.96	359.60	12,410.7	2,986.9	-245.4	2,995.7	0.00	0.00	0.00
15,500.0	89.96	359.60	12,410.7	3,086.9	-246.1	3,095.6	0.00	0.00	0.00
15,600.0	89.96	359.60	12,410.8	3,186.9	-246.8	3,195.5	0.00	0.00	0.00
15,700.0	89.96	359.60	12,410.9	3,286.9	-247.5	3,295.4	0.00	0.00	0.00
15,800.0	89.96	359.60	12,410.9	3,386.9	-248.2	3,395.3	0.00	0.00	0.00
15,905.7	89.96	359.60	12,411.0	3,492.6	-248.9	3,500.9	0.00	0.00	0.00
TGT 3 (Streetcar 15 Fed #703H)									
15,908.2	89.91	359.60	12,411.0	3,495.1	-248.9	3,503.4	2.00	-2.00	0.00
16,000.0	89.91	359.60	12,411.1	3,586.9	-249.6	3,595.1	0.00	0.00	0.00
16,100.0	89.91	359.60	12,411.3	3,686.9	-250.2	3,695.0	0.00	0.00	0.00
16,200.0	89.91	359.60	12,411.5	3,786.9	-250.9	3,794.9	0.00	0.00	0.00
16,300.0	89.91	359.60	12,411.6	3,886.9	-251.6	3,894.8	0.00	0.00	0.00
16,400.0	89.91	359.60	12,411.8	3,986.9	-252.3	3,994.7	0.00	0.00	0.00
16,500.0	89.91	359.60	12,411.9	4,086.9	-253.0	4,094.5	0.00	0.00	0.00
16,600.0	89.91	359.60	12,412.1	4,186.9	-253.7	4,194.4	0.00	0.00	0.00
16,700.0	89.91	359.60	12,412.2	4,286.8	-254.4	4,294.3	0.00	0.00	0.00
16,800.0	89.91	359.60	12,412.4	4,386.8	-255.1	4,394.2	0.00	0.00	0.00
16,900.0	89.91	359.60	12,412.5	4,486.8	-255.8	4,494.1	0.00	0.00	0.00
17,000.0	89.91	359.60	12,412.7	4,586.8	-256.5	4,594.0	0.00	0.00	0.00
17,100.0	89.91	359.60	12,412.8	4,686.8	-257.2	4,693.9	0.00	0.00	0.00
17,200.0	89.91	359.60	12,413.0	4,786.8	-257.9	4,793.8	0.00	0.00	0.00
17,210.2	89.91	359.60	12,413.0	4,797.0	-258.0	4,803.9	0.00	0.00	0.00
PBHL (Streetcar 15 Fed #703H)									

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #703Y
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Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3378.0usft (H&P 647)
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0 1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP (Streetcar 15 Fed # - plan hits target center - Polygon	0.00	0.00	11,928.5	-201.3	-223.1	409,506.73	781,669.94	32° 7' 24.358 N	103° 33' 25.222 W
Point 1			11,928.5	-25.0	-50.0	409,481.73	781,619.94		
Point 2			11,928.5	-25.0	30.0	409,481.73	781,699.94		
Point 3			11,928.5	75.0	30.0	409,581.73	781,699.94		
Point 4			11,928.5	75.0	-30.0	409,581.73	781,639.94		
FTP (Streetcar 15 Fed # - plan misses target center by 39.2usft at 12501.4usft MD (12369.5 TVD, 93.2 N, -225.1 E) - Point	0.00	0.00	12,406.0	79.0	-226.0	409,787.00	781,667.00	32° 7' 27.132 N	103° 33' 25.233 W
TGT 1 (Streetcar 15 Fed - plan hits target center - Point	0.00	0.00	12,409.0	990.3	-231.4	410,698.30	781,661.57	32° 7' 36.150 N	103° 33' 25.219 W
TGT 2 (Streetcar 15 Fed - plan hits target center - Point	0.00	0.00	12,410.0	1,991.2	-238.4	411,699.20	781,654.59	32° 7' 46.055 N	103° 33' 25.217 W
TGT 3 (Streetcar 15 Fed - plan hits target center - Point	0.00	0.00	12,411.0	3,492.6	-248.9	413,200.60	781,644.10	32° 8' 0.912 N	103° 33' 25.213 W
PBHL (Streetcar 15 Fed - plan hits target center - Rectangle (sides W60.0 H0.0 D4,718.0)	90.00	359.60	12,413.0	4,797.0	-258.0	414,505.00	781,635.00	32° 8' 13.820 N	103° 33' 25.209 W

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,105.0	1,105.0	Rustler			
1,156.0	1,156.0	Tamarisk Anhydrite			
1,558.0	1,558.0	Top of Salt			
4,834.6	4,831.0	Bottom of Salt			
5,033.2	5,029.0	Lamar			
5,057.2	5,053.0	Bell Canyon			
6,110.0	6,103.0	Cherry Canyon			
7,663.7	7,653.0	Brushy Canyon			
9,213.7	9,203.0	Bone Spring Lime			
9,243.7	9,233.0	Leonard A			
10,172.7	10,162.0	First Bone Spring Sand			
10,382.7	10,372.0	SBSG Shale			
10,741.7	10,731.0	SBSG Sand			
11,217.7	11,207.0	Third Bone Spring Carb			
11,802.7	11,792.0	Third Bone Spring Sand			
12,148.3	12,131.0	TBSG FS			
12,347.7	12,288.9	Wolfcamp		0.08	
12,394.8	12,318.0	Wfmp Clastics X		0.08	
12,551.4	12,386.2	Wfmp Clastics Y		0.08	
12,592.8	12,396.3	Wolfcamp Y TOW		0.08	

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Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#703Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		