

Form 3060
(August 2007)

HOBBS OCD
DEC 04 2019
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Hobbs

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM121490	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator EOG RESOURCES, INC		7. Unit or CA Agreement Name and No.	
Contact: KAY MADDOX E-Mail: KAY_MADDOX@EOGRESOURCES.COM		8. Lease Name and Well No. COLGROVE 35 FEDERAL COM 703H	
3. Address PO BOX 2267 MIDLAND, TX 79702		9. API Well No. 30-025-45894	
3a. Phone No. (include area code) Ph: 432-686-3658		10. Field and Pool, or Exploratory SANDERS TANK; UPPER WOLFEA	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 35 T26S R33E Mer NMP SENW 2267FNL 1970FWL 32.000950 N Lat, 103.545278 W Lon At top prod interval reported below Sec 35 T26S R33E Mer NMP SENW 2475FNL 1643FWL 32.001044 N Lat, 103.546333 W Lon At total depth Sec 26 T26S R33E Mer NMP NENW 133FNL 1604FWL 32.021330 N Lat, 103.546462 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 35 T26S R33E Mer NMP	
14. Date Spudded 05/02/2019		15. Date T.D. Reached 05/15/2019	
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/15/2019		17. Elevations (DF, KB, RT, GL)* 3318 GL	
18. Total Depth: MD 19917 TVD 12469		19. Plug Back T.D.: MD 19882 TVD 12469	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	40.0		914		505		0	
8.750	7.625 HCP110	29.7		11803		1747		0	
6.750	5.500 ICYP110	20.0		19902		760		9905	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12519	19882	12519 TO 19882	3.250	1560	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

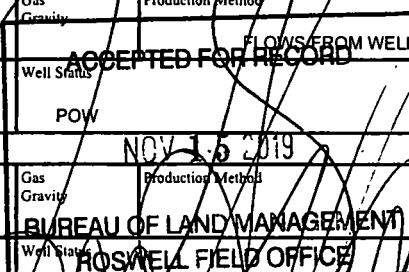
Depth Interval	Amount and Type of Material
12519 TO 19882	18,792,795 LBS PROPPANT; 294,923 BBLS LOAD FLUID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/15/2019	07/19/2019	24	→	3682.0	6499.0	11104.0	46.0		POW
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI	2696.0	→				1765		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	



(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #475581 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation due: 01/15/2020

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):
 Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	816		BARREN	RUSTLER	816
T/SALT	1169		BARREN	T/SALT	1169
B/SALT	5054		BARREN	B/SALT	5054
BRUSHY CANYON	7662		OIL & GAS	BRUSHY CANYON	7662
1ST BONE SPRING SAND	10243		OIL & GAS	1ST BONE SPRING SAND	10243
2ND BONE SPRING SAND	10798		OIL & GAS	2ND BONE SPRING SAND	10798
3RD BONE SPRING SAND	11879		OIL & GAS	3RD BONE SPRING SAND	11879
WOLFCAMP	12295		OIL & GAS	WOLFCAMP	12295

32. Additional remarks (include plugging procedure):
PLEASE REFERENCE ATTACHMENTS

33. Circle enclosed attachments:
- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #475581 Verified by the BLM Well Information System.
For EOG RESOURCES, INC, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/14/2019 0

Name (please print) KAY MADDOX Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 07/29/2019

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 45894	² Pool Code 98097	³ Pool Name SANDERS TANK; Upper Wolfcamp
⁴ Property Code 315 730	⁵ Property Name COLGROVE 35 FED COM	⁶ Well Number #703H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3318'

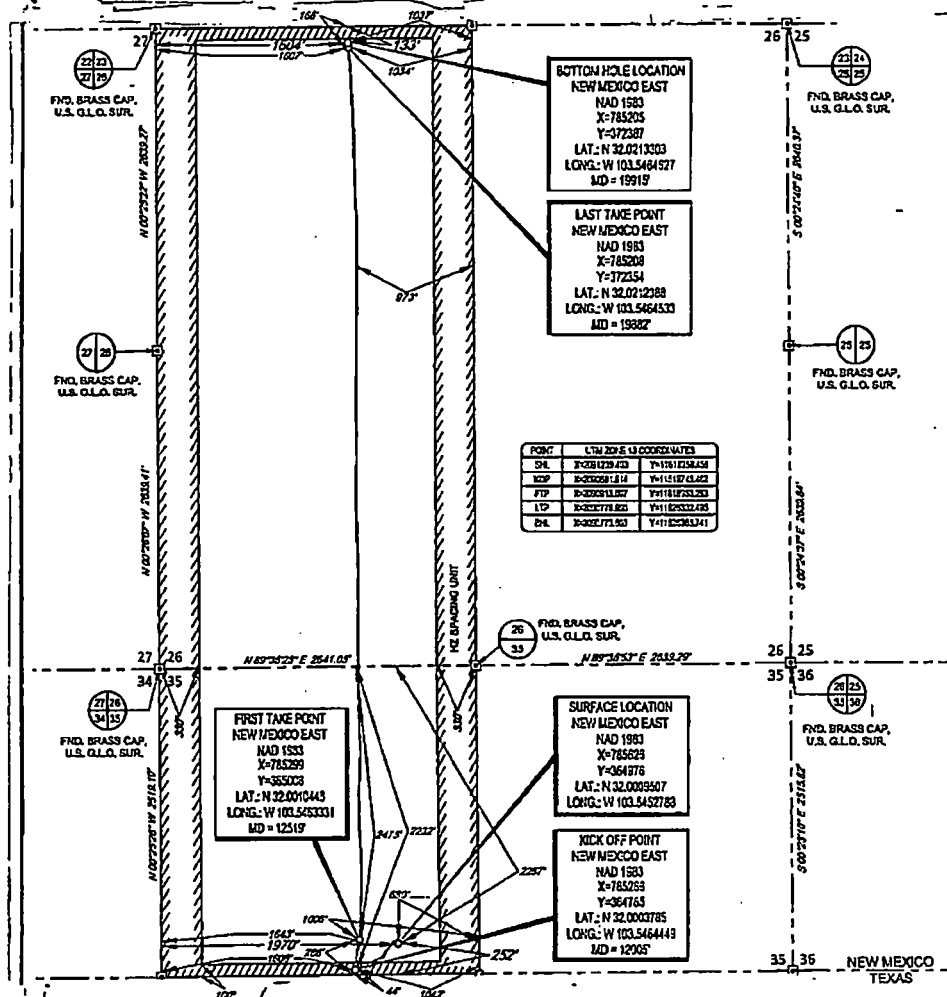
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	26-S	33-E	-	2267	North	1970'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	26	26-S	33-E	-	133'	NORTH	1604'	WEST	LEA

¹¹ Dedicated Acres 236.32	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 undivided 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.

Kay Maddox 7/29/19
Signature Date

KAY MADDOX
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.

03/09/2016
Date of Survey
Signature and Seal of Professional Surveyor

MC KEITH BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Colgrove 35 Fed Com

#703H

OH

Design: OH

Midland PVA

15 May, 2019



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0usft
Site:	Colgrove 35 Fed Com	MD Reference:	KB = 25' @ 3345.0usft
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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:	Colgrove 35 Fed Com		
Site Position:		Northing:	384,802.00 usft
From:	Map	Easting:	785,291.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 0' 2.718 N
		Longitude:	103° 32' 48.898 W
		Grid Convergence:	0.42 °

Well:	#703H		
Well Position	+N-S	0.0 usft	Northing:
	+E-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Ground Level:

Wellbore:	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	3/4/2019	.674
			Dip Angle
			(°)
			Field Strength
			(nT)
			47,633,403,33891

Design:	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			357.11

Survey Program:	Date 5/15/2019		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
200.0	19,917.0	Prodirectional (OH)	MWD
			Description
			OWSG MWD - Standard



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Wad 8703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0usft
Site:	Calgrove 35 Fed Com	ND Reference:	KB = 25' @ 3345.0usft
Well:	#703H	North Reference:	Q:dd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey												
ND (usft)	Inc (")	Azi (azimuth) (")	TVD (usft)	N/S (usft)	E/W (usft)	D/Log ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.0	0.0	0.0	0.0
200.0	1.10	4.20	200.0	1.9	0.1	0.55	0.55	0.00	-1.9	0.0		
220.0	1.40	1.00	220.0	2.4	0.2	1.54	1.50	-16.00	-2.4	-0.1		
390.0	1.30	358.60	389.0	6.4	0.1	0.07	-0.06	-1.41	-6.3	-0.3		
574.0	0.80	346.20	573.9	9.7	-0.2	0.30	-0.27	-6.74	-9.5	-2.1		
781.0	1.20	263.10	760.8	11.7	-2.3	0.51	0.21	-28.40	-6.7	-9.8		
856.0	1.30	263.10	855.6	12.5	-4.2	0.13	0.11	-3.16	-6.3	-10.3		
1,039.0	1.20	263.10	1,038.6	13.6	-8.0	0.06	-0.05	-0.55	-12.1	-10.4		
1,133.0	1.20	299.20	1,132.8	14.6	-9.8	0.22	0.00	10.74	-15.7	-8.0		
1,227.0	1.30	269.50	1,226.8	15.5	-11.7	0.23	0.11	-9.28	-16.3	-10.4		
1,321.0	1.20	262.60	1,320.7	16.2	-13.6	0.12	-0.11	2.23	-16.6	-9.8		
1,415.0	1.10	266.60	1,414.7	16.9	-15.3	0.17	-0.11	-8.38	-19.5	-11.8		
1,510.0	1.20	279.40	1,509.7	17.3	-17.2	0.18	0.11	-7.56	-19.6	-14.3		
1,604.0	1.30	271.10	1,603.7	17.5	-19.2	0.22	0.11	-8.83	-19.6	-17.1		
1,698.0	1.20	275.50	1,697.7	17.6	-21.3	0.15	-0.11	5.11	-23.0	-15.3		
1,792.0	1.40	274.80	1,791.6	17.8	-23.4	0.21	0.21	-1.17	-24.8	-13.6		
1,886.0	1.40	273.80	1,885.6	18.0	-25.7	0.03	0.00	-1.06	-26.8	-16.2		
1,981.0	1.50	275.10	1,980.6	18.2	-28.1	0.11	0.11	1.37	-29.6	-15.6		
2,074.0	1.20	278.60	2,073.6	18.4	-30.3	0.32	-0.32	1.61	-32.2	-14.8		
2,168.0	1.10	273.40	2,167.5	18.5	-32.1	0.13	-0.11	-3.40	-33.2	-16.6		
2,261.0	1.00	273.00	2,260.5	18.6	-33.8	0.11	-0.11	-0.43	-34.8	-16.8		
2,355.0	3.40	224.00	2,354.5	16.7	-36.6	3.03	2.55	-32.13	-13.9	-37.8		
2,449.0	7.60	222.20	2,448.0	10.1	-42.7	4.47	4.47	-1.91	-17.5	-37.4		
2,543.0	8.60	204.40	2,541.1	-0.9	-49.8	2.86	1.06	-18.94	-12.9	-36.4		
2,637.0	8.10	223.40	2,634.1	-12.2	-57.3	2.97	-0.53	20.21	-29.2	-28.6		
2,730.0	7.50	223.90	2,726.2	-21.3	-66.0	0.65	-0.65	0.54	-32.7	-26.1		
2,824.0	7.10	221.60	2,818.5	-30.1	-74.1	0.53	-0.43	-2.45	-34.1	-25.0		



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	WGS 8703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0ush
Site:	Colgrove 35 Fed Coin	MD Reference:	KB = 25' @ 3345.0ush
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (ush)	Inch (")	Azi (azimuth) (°)	TVD (ush)	N/S (ush)	EW (ush)	DLeg (°/100ush)	BuId (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)
2,917.0	6.50	219.50	2,911.5	-38.7	-81.4	0.34	-0.22	-2.15	-35.2	-23.5
3,010.0	6.50	217.40	3,004.1	-47.1	-88.2	0.51	-0.43	-2.37	-38.0	-21.8
3,105.0	6.00	213.10	3,098.6	-55.6	-94.2	0.72	-0.53	-4.53	-35.5	-20.8
3,199.0	5.80	206.70	3,192.1	-63.9	-99.0	0.73	-0.21	-6.81	-34.1	-20.2
3,294.0	5.70	210.50	3,286.6	-72.3	-103.6	0.41	-0.11	4.00	-38.0	-13.1
3,387.0	5.80	210.50	3,379.2	-80.2	-108.2	0.11	-0.11	0.00	-38.5	-8.8
3,481.0	5.40	207.00	3,472.7	-88.1	-112.5	0.42	-0.21	-3.72	-36.3	-6.4
3,575.0	4.20	198.60	3,566.4	-95.3	-115.6	1.48	-1.28	-8.94	-35.1	-6.1
3,668.0	3.30	181.70	3,659.2	-101.2	-116.8	1.52	-0.97	-18.17	-32.2	-9.1
3,762.0	4.70	231.50	3,753.0	-106.3	-119.9	3.83	1.49	52.98	-23.6	21.7
3,855.0	3.80	239.30	3,845.7	-110.3	-125.6	1.06	-0.86	8.39	-17.8	24.8
3,949.0	3.90	244.40	3,939.5	-113.3	-131.2	0.37	0.00	8.43	-12.0	25.3
4,043.0	6.80	246.30	4,033.1	-116.9	-139.2	3.09	3.09	2.02	-10.2	24.1
4,137.0	6.00	250.10	4,126.3	-121.4	-150.5	1.38	1.28	4.04	-11.2	22.9
4,232.0	7.10	251.40	4,220.5	-125.5	-162.2	0.98	-0.95	1.37	-13.5	20.8
4,326.0	5.70	250.70	4,313.9	-128.9	-172.2	1.49	-1.49	-0.74	-14.7	18.3
4,420.0	4.70	247.10	4,407.3	-131.9	-180.1	1.12	-1.06	-3.83	-14.6	15.3
4,514.0	4.40	240.50	4,501.2	-135.2	-188.6	0.64	-0.32	-7.02	-13.9	12.5
4,609.0	4.80	249.20	4,595.9	-138.4	-193.9	0.91	0.53	9.16	-9.8	12.9
4,703.0	3.60	238.20	4,689.6	-141.5	-200.0	1.71	-1.38	-13.83	-9.5	9.6
4,797.0	3.50	213.90	4,783.5	-145.5	-204.0	1.48	-0.11	-23.72	-9.0	8.0
4,891.0	4.00	198.90	4,877.3	-151.0	-208.7	1.17	0.53	-13.96	-8.0	10.8
4,984.0	4.40	204.80	4,970.0	-157.3	-209.2	0.82	0.43	6.13	-6.5	17.1
5,078.0	4.30	204.40	5,063.7	-163.8	-212.2	0.11	-0.11	-0.21	-5.4	22.4
5,172.0	4.60	218.00	5,157.5	-170.0	-215.9	1.18	0.32	14.47	2.1	27.1
5,266.0	5.30	224.80	5,251.1	-176.1	-221.3	0.96	0.74	7.02	8.7	29.2
5,359.0	5.10	228.40	5,343.7	-182.0	-227.3	0.28	-0.22	1.94	8.8	30.8



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lee County, NM (NAD 83 NMS)	TVD Reference:	KB = 25' @ 3345.0ush
Site:	Celgrove 35 Fed Com	MD Reference:	KB = 25' @ 3345.0ush
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (ush)	Inc (°)	Azi (azimuth) (°)	TVD (ush)	NS (ush)	EW (ush)	DLog (°/100ush)	Build (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)
5,453.0	5.10	226.70	5,437.4	-187.7	-233.4	0.03	0.00	0.32	10.3	32.8
5,547.0	5.10	223.60	5,531.0	-193.8	-239.3	0.29	0.00	-3.30	8.7	33.2
5,604.0	5.10	224.60	5,587.8	-197.2	-242.8	0.16	0.00	1.75	11.1	38.3
5,734.0	4.80	223.10	5,717.3	-205.3	-250.6	0.25	-0.23	-1.15	12.1	39.7
5,827.0	4.80	223.90	5,809.9	-211.0	-258.0	0.07	0.00	0.26	14.4	41.8
5,921.0	4.80	227.60	5,903.8	-218.5	-261.8	0.33	0.00	3.94	18.8	42.6
6,010.0	4.80	250.80	5,958.3	-220.4	-268.3	2.03	0.00	24.42	33.1	31.7
6,110.0	6.90	263.80	6,091.9	-222.1	-278.8	1.88	1.17	15.66	34.9	21.3
6,203.0	3.70	278.00	6,184.8	-222.1	-284.8	2.33	-2.37	10.97	31.1	15.0
6,287.0	2.40	284.60	6,278.4	-221.3	-289.5	1.48	-1.38	9.15	28.1	10.8
6,391.0	2.50	290.20	6,372.3	-220.1	-293.3	0.28	0.11	5.66	25.0	8.0
6,485.0	2.40	287.10	6,468.3	-218.8	-297.1	0.18	-0.11	-3.30	20.8	6.2
6,579.0	2.50	288.40	6,560.2	-217.7	-301.0	0.11	0.11	-0.74	18.3	9.4
6,673.0	2.70	285.70	6,654.1	-218.5	-305.1	0.22	0.21	-0.74	12.0	0.6
6,767.0	2.50	283.20	6,748.0	-215.3	-309.2	0.21	-0.21	0.53	7.8	9.5
6,861.0	2.30	289.60	6,841.9	-214.1	-312.9	0.26	-0.21	3.82	4.4	9.2
6,955.0	2.10	339.60	6,935.8	-211.9	-315.3	1.99	-0.21	33.19	6.9	4.0
7,049.0	2.00	332.10	7,029.8	-208.8	-318.7	0.30	-0.11	-7.88	-3.0	4.8
7,142.0	1.70	328.20	7,122.7	-206.2	-318.2	0.35	-0.32	-4.19	-0.3	4.7
7,237.0	1.90	321.40	7,217.7	-203.8	-319.9	0.31	0.21	-7.18	-3.9	4.5
7,331.0	1.80	318.40	7,311.6	-201.8	-321.7	0.33	-0.32	-3.19	-8.9	4.2
7,425.0	1.80	320.40	7,405.8	-199.8	-323.4	0.06	0.00	2.13	-9.4	4.4
7,520.0	1.40	324.10	7,500.6	-197.6	-325.0	0.23	-0.21	3.89	-11.8	5.1
7,613.0	0.10	85.60	7,593.8	-188.7	-325.5	1.56	-1.40	130.65	10.8	8.2
7,706.0	0.40	111.70	7,688.8	-199.8	-325.2	0.34	0.32	28.06	13.0	2.8
7,801.0	0.50	73.00	7,781.5	-198.8	-324.5	0.33	0.11	-40.74	7.9	9.9
7,895.0	1.40	40.00	7,875.5	-195.8	-323.3	1.08	0.96	-35.11	-0.3	12.4



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0ush
Site:	Colgrove 33 Fed Ccm	MD Reference:	KB = 25' @ 3345.0ush
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (ush)	Incl (°)	Azi (azimuth) (°)	TVD (ush)	N/S (ush)	E/W (ush)	Slag (°/100ush)	Bulld (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)
7,890.0	1.50	48.40	7,870.5	-184.1	-321.7	0.23	0.11	8.84	-0.9	12.5
8,084.0	1.30	60.90	8,064.5	-192.9	-319.7	0.52	-0.21	19.68	0.9	12.5
8,177.0	0.70	65.20	8,157.5	-192.2	-318.3	0.65	-0.65	-1.83	-1.1	12.5
8,272.0	0.60	68.30	8,252.5	-191.7	-317.0	0.22	0.21	3.26	-1.7	12.6
8,366.0	0.70	63.60	8,346.4	-191.2	-315.8	0.22	-0.21	-5.00	-4.1	12.3
8,460.0	1.20	19.30	8,440.4	-190.0	-315.0	0.91	0.53	-47.13	-12.8	5.6
8,554.0	0.60	2.20	8,534.4	-188.4	-314.7	0.53	-0.43	-18.18	-15.8	1.3
8,648.0	1.80	24.40	8,628.4	-186.4	-314.0	1.17	1.06	23.62	-16.0	7.3
8,742.0	1.10	43.20	8,722.4	-184.4	-312.8	0.89	-0.74	20.00	-15.1	12.6
8,835.0	1.30	62.10	8,815.3	-183.2	-311.2	0.47	0.22	20.32	-12.1	17.1
8,930.0	1.40	56.60	8,910.3	-182.3	-309.2	0.15	0.11	4.74	-13.0	18.1
9,023.0	1.10	84.00	9,003.3	-181.7	-307.3	0.52	-0.32	18.71	-9.0	21.5
9,118.0	0.70	89.90	9,098.3	-181.7	-305.8	0.48	-0.42	15.68	-4.6	23.3
9,211.0	0.70	109.10	9,191.3	-182.0	-304.7	0.13	0.00	10.97	-1.8	23.8
9,305.0	0.70	132.80	9,285.3	-182.8	-303.8	0.31	0.00	25.21	7.0	22.7
9,400.0	0.80	120.00	9,380.3	-183.3	-302.8	0.20	0.11	-13.47	0.6	23.6
9,494.0	0.80	108.00	9,474.3	-183.8	-301.6	0.18	0.00	-12.77	-3.6	23.0
9,588.0	1.10	128.50	9,568.2	-184.8	-300.2	0.48	0.32	21.81	1.3	23.8
9,682.0	1.20	103.50	9,662.2	-185.4	-298.6	0.50	0.11	-24.47	-9.9	22.0
9,776.0	1.40	96.70	9,756.2	-185.8	-296.5	0.30	0.21	-8.38	-15.3	20.1
9,870.0	1.30	98.50	9,850.2	-185.1	-294.3	0.11	-0.11	-0.21	-17.8	20.0
9,965.0	1.40	113.70	9,945.1	-186.7	-292.2	0.44	0.11	18.11	-13.0	24.7
10,059.0	1.50	122.40	10,039.1	-187.8	-290.1	0.26	0.11	9.26	-11.5	26.5
10,152.0	0.70	203.50	10,132.1	-188.9	-289.3	1.70	-0.88	89.35	24.2	15.8
10,247.0	0.30	256.00	10,227.1	-189.8	-289.8	0.64	-0.42	63.68	25.2	-12.8
10,340.0	0.50	283.50	10,320.1	-189.4	-290.4	0.25	0.22	18.82	19.5	-19.7
10,434.0	2.10	279.50	10,414.1	-189.0	-292.5	1.70	1.70	-4.28	18.7	-18.3



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0ush
Site:	Colgrove 35, Fed Com	MD Reference:	KB = 25' @ 3343.0ush
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (ush)	Inc (°)	Azi (azimuth) (°)	TVD (ush)	N/S (ush)	E/W (ush)	OLeg (°/100ush)	Build (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)	
10,529.0	3.80	282.70	10,508.8	-188.1	-297.1	1.59	1.58	3.37	12.9	-19.2	
10,823.0	5.40	272.50	10,602.7	-187.2	-304.4	2.09	1.91	-10.85	8.8	-17.2	
10,718.0	4.80	277.00	10,697.3	-188.6	-312.7	0.94	-0.84	4.74	-0.8	-17.4	
10,811.0	4.10	291.60	10,790.0	-184.9	-319.5	1.30	-0.54	15.70	-12.1	-15.8	
10,805.0	4.50	284.20	10,883.8	-182.8	-326.2	0.73	0.43	-7.87	-17.0	-17.6	
11,000.0	2.90	260.80	10,978.8	-182.2	-332.2	2.28	-1.68	-24.63	-14.4	-24.4	
11,094.0	2.50	224.70	11,072.5	-184.1	-338.0	1.82	-0.43	-38.40	-1.3	-29.8	
11,188.0	3.20	234.40	11,166.4	-187.1	-339.5	0.50	0.74	10.32	-10.9	-28.8	
11,282.0	3.00	221.50	11,260.2	-190.4	-343.3	0.77	-0.21	-13.72	-9.2	-30.8	
11,378.0	3.30	211.00	11,354.1	-194.8	-348.3	0.89	0.32	-11.17	-8.8	-32.6	
11,458.0	2.80	223.80	11,448.8	-198.6	-349.3	0.88	-0.43	13.78	-20.5	-29.3	
11,564.0	3.20	234.20	11,541.8	-201.8	-353.1	0.88	0.32	10.95	-30.5	-24.7	
11,657.0	2.70	238.10	11,634.7	-204.6	-357.1	0.55	-0.54	2.04	-36.1	-23.5	
11,750.0	2.30	233.90	11,727.8	-208.0	-360.4	0.44	-0.43	-2.37	-39.2	-25.0	
11,897.0	0.90	183.00	11,884.5	-209.8	-362.3	1.59	-1.02	-51.75	8.8	-47.8	
11,881.0	1.80	118.50	11,858.5	-211.0	-360.8	1.40	0.96	-47.34	37.8	-28.5	
12,074.0	9.60	24.40	12,051.1	-204.6	-356.3	10.84	8.39	-101.18	21.9	38.5	
12,168.0	21.20	6.80	12,141.8	-180.5	-351.1	13.20	12.34	-18.04	6.5	38.4	
12,283.0	26.70	2.70	12,228.4	-142.1	-348.1	6.01	5.79	-4.00	5.3	33.4	
12,357.0	38.90	8.40	12,307.3	-91.8	-342.8	13.38	12.98	6.06	12.3	28.6	
12,451.0	51.50	7.40	12,373.4	-25.8	-333.7	13.43	13.40	-1.08	13.8	17.2	
12,545.0	63.20	5.90	12,424.0	52.8	-324.7	12.52	12.45	-1.60	13.8	7.9	
12,639.0	76.70	5.00	12,458.2	140.6	-316.3	14.39	14.38	-0.96	11.6	-0.7	
12,732.0	88.00	2.60	12,468.5	232.4	-310.2	12.42	12.15	-2.58	7.3	-7.3	
12,828.0	90.10	2.00	12,470.1	328.3	-308.5	2.32	2.23	-0.64	7.1	-11.8	
12,920.0	90.00	1.60	12,470.8	420.2	-303.3	0.15	-0.11	-0.11	6.9	-15.7	
13,014.0	88.00	2.10	12,471.6	514.1	-300.0	2.14	-2.13	0.21	8.4	-19.8	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0usft
Site:	Colegrove 33 Fed Com	MD Reference:	KB = 25' @ 3345.0usft
Well:	#703H	North Reference:	Odd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Age (°)	Azi (Azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
13,106.0	60.80	337.50	12,472.6	606.1	-300.3	5.85	3.04	-5.00	8.3	-20.2	
13,200.0	91.50	357.00	12,470.7	700.0	-304.8	0.82	0.74	-0.53	7.4	-16.4	
13,294.0	91.50	355.40	12,468.2	793.7	-311.1	1.70	0.00	-1.70	4.8	-10.9	
13,388.0	69.80	357.90	12,467.2	887.6	-316.5	3.22	-1.81	2.66	3.7	-8.2	
13,483.0	89.30	357.00	12,467.9	982.5	-320.8	1.08	-0.53	-0.85	4.4	-2.7	
13,577.0	89.50	359.60	12,468.9	1,076.4	-323.6	2.77	0.21	2.77	5.3	-0.7	
13,671.0	90.00	1.10	12,469.3	1,170.4	-323.0	1.68	0.53	1.60	5.8	-2.0	
13,764.0	88.90	2.30	12,469.4	1,263.4	-320.2	1.29	-0.11	1.29	5.6	-3.5	
13,858.0	91.30	1.70	12,468.4	1,357.3	-316.9	1.62	1.49	-0.84	4.5	-8.9	
13,953.0	81.30	1.20	12,468.3	1,452.2	-314.5	0.53	0.00	-0.53	2.3	-12.7	
14,047.0	81.80	1.30	12,463.7	1,546.2	-312.5	0.54	0.53	0.11	-0.3	-15.5	
14,141.0	90.20	358.80	12,462.1	1,640.2	-312.4	3.16	-1.70	-2.66	-2.0	-18.3	
14,235.0	87.50	358.20	12,464.0	1,734.1	-314.9	2.94	-2.87	-0.64	-0.2	-14.6	
14,328.0	87.40	358.00	12,468.1	1,828.0	-318.0	0.24	-0.11	-0.22	3.8	-12.3	
14,422.0	88.00	357.70	12,471.9	1,920.8	-321.5	0.71	0.84	-0.32	7.5	-8.5	
14,516.0	92.00	359.00	12,471.9	2,014.7	-324.2	4.47	4.28	1.38	7.4	-7.5	
14,610.0	92.80	359.30	12,468.1	2,108.7	-325.6	0.71	0.84	0.32	3.6	-8.9	
14,704.0	88.50	359.70	12,466.4	2,202.6	-328.4	3.33	-3.30	0.43	1.8	-6.6	
14,798.0	89.70	359.40	12,467.0	2,296.6	-327.1	0.38	0.21	-0.32	2.4	-8.8	
14,891.0	89.40	359.30	12,468.6	2,389.6	-328.2	1.40	-1.40	-0.11	3.8	-8.5	
14,985.0	87.70	358.00	12,471.8	2,483.5	-329.6	0.81	-0.74	-0.32	6.9	-5.9	
15,078.0	92.30	0.70	12,471.8	2,576.5	-329.8	5.27	4.95	1.83	6.9	-6.4	
15,172.0	92.00	0.40	12,468.3	2,670.4	-328.9	0.45	-0.32	-0.32	3.3	-8.0	
15,266.0	91.40	359.70	12,463.5	2,764.4	-328.8	0.98	-0.64	-0.74	0.4	-8.9	
15,360.0	92.70	0.20	12,462.1	2,858.3	-328.9	1.48	1.38	0.53	-3.0	-8.5	
15,454.0	91.90	0.00	12,458.3	2,952.3	-328.8	0.89	-0.85	-0.21	-6.9	-10.5	
15,547.0	60.50	358.80	12,456.4	3,045.2	-329.9	2.13	-1.51	-1.51	-8.9	-10.1	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well 8703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0ush
Site:	Celgrove 35 Fed Com	ND Reference:	KB = 25' @ 3345.0ush
Well:	8703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
ND (ush)	Inc (°)	Adj (azimuth) (°)	TVD (ush)	N/S (ush)	E/W (ush)	DLeg (°/100ush)	Bulld (°/100ush)	Turn (°/100ush)	High to Plan (ush)	Right to Plan (ush)	
15,641.0	89.20	358.60	12,458.6	3,199.2	-332.2	1.33	-1.38	0.00	-8.8	-8.5	
15,734.0	88.30	357.80	12,458.7	3,232.1	-335.1	1.29	-0.97	-0.88	-8.8	-8.3	
15,828.0	87.80	357.40	12,461.9	3,326.0	-339.0	0.88	-0.53	-0.43	-3.7	-3.1	
15,921.0	88.00	357.70	12,463.3	3,418.8	-343.0	0.39	0.22	0.32	-0.4	0.1	
16,015.0	90.80	358.90	12,466.2	3,512.8	-345.8	3.24	2.68	1.28	0.6	2.1	
16,109.0	88.80	359.20	12,466.6	3,608.8	-347.4	2.15	-2.13	0.32	0.8	2.9	
16,203.0	91.20	0.00	12,466.8	3,700.8	-348.0	2.69	2.55	0.85	0.7	2.8	
16,298.0	89.20	359.80	12,466.2	3,795.7	-348.2	2.12	-2.11	-0.21	0.3	2.2	
16,393.0	90.20	1.20	12,468.7	3,890.7	-347.4	1.81	1.05	1.47	0.7	0.7	
16,487.0	85.10	0.80	12,470.6	3,984.6	-345.8	5.43	-5.43	-0.32	4.5	-1.8	
16,581.0	86.30	0.40	12,477.8	4,078.3	-344.6	1.38	1.28	-0.53	11.5	-3.6	
16,675.0	88.00	359.10	12,482.3	4,172.2	-345.0	2.28	1.81	-1.38	16.1	-4.0	
16,769.0	88.70	359.00	12,485.0	4,266.2	-346.5	0.75	0.74	-0.11	18.7	-3.2	
16,862.0	87.90	358.43	12,487.6	4,359.1	-348.7	1.68	-0.88	-0.85	21.4	-1.8	
16,956.0	91.20	0.30	12,488.5	4,453.1	-349.7	4.03	3.51	2.02	22.0	-1.5	
17,050.0	92.40	0.70	12,485.6	4,547.0	-348.9	1.35	1.28	0.43	19.0	-3.0	
17,143.0	91.50	0.40	12,482.4	4,640.0	-348.0	1.02	-0.97	-0.32	15.8	-4.7	
17,237.0	91.10	0.30	12,480.3	4,733.9	-347.4	0.44	-0.43	-0.11	13.5	-6.0	
17,331.0	91.50	0.20	12,478.1	4,827.9	-347.0	0.44	0.43	-0.11	11.3	-7.2	
17,425.0	91.70	0.20	12,475.5	4,921.9	-348.7	0.21	0.21	0.00	8.8	-8.2	
17,519.0	92.30	0.10	12,472.2	5,015.8	-346.4	0.85	0.64	-0.11	5.3	-9.2	
17,613.0	89.80	0.00	12,470.5	5,109.8	-348.4	2.68	-2.68	-0.11	3.5	-10.1	
17,707.0	89.50	359.70	12,471.1	5,203.9	-346.6	0.45	-0.32	-0.32	4.0	-10.6	
17,801.0	91.20	1.00	12,470.5	5,297.8	-346.0	2.28	1.81	1.38	3.3	-11.9	
17,894.0	89.50	359.80	12,469.9	5,390.8	-345.4	2.24	-1.83	-1.29	2.7	-13.3	
17,987.0	89.80	0.30	12,470.5	5,483.8	-345.3	0.83	0.32	0.54	3.2	-14.1	
18,081.0	90.70	1.40	12,470.1	5,577.8	-343.9	1.51	0.98	1.17	2.7	-15.3	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3345.0usft
SBA:	Colgrove 35 Fed Com	MD Reference:	KB = 25' @ 3345.0usft
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (")	Adj (azimuth) (")	TVD (usft)	NVS (usft)	EW (usft)	DLeg ("/100usft)	BuId ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)	
18,175.0	90.00	0.40	12,469.5	5,671.7	-342.4	1.30	-0.74	-1.06	2.0	-18.5	
18,269.0	88.10	358.60	12,471.1	5,765.7	-343.3	2.78	-2.02	-1.91	3.5	-18.4	
18,363.0	88.70	358.60	12,473.7	5,859.7	-345.8	0.84	0.64	0.00	6.0	-18.9	
18,456.0	88.80	358.70	12,475.9	5,952.6	-347.7	0.15	-0.11	0.11	8.1	-15.4	
18,549.0	88.00	357.70	12,478.7	6,045.5	-350.7	1.25	-0.85	-1.08	10.8	-13.2	
18,643.0	88.40	357.70	12,481.6	6,138.4	-354.4	0.43	0.43	0.00	13.7	-10.2	
18,736.0	87.30	357.10	12,485.1	6,232.2	-358.6	1.35	-1.18	-0.65	17.1	-6.8	
18,830.0	91.60	358.50	12,486.0	6,326.1	-362.3	4.81	4.57	1.49	17.9	-3.9	
18,924.0	90.00	357.60	12,484.7	6,420.1	-365.5	1.95	-1.70	-0.86	18.5	-1.4	
19,018.0	91.50	358.30	12,483.4	6,514.0	-368.8	1.86	1.70	0.74	15.2	1.2	
19,111.0	92.20	358.60	12,480.3	6,606.8	-371.3	0.72	0.85	0.32	12.0	2.9	
19,205.0	91.60	358.10	12,477.2	6,700.8	-374.0	0.83	-0.84	-0.53	8.8	4.9	
19,299.0	91.20	357.50	12,474.9	6,794.7	-377.6	0.77	-0.43	-0.84	6.4	7.7	
19,392.0	90.50	356.80	12,473.5	6,887.6	-382.3	1.06	-0.75	-0.75	5.0	11.8	
19,485.0	90.10	356.40	12,473.0	6,980.4	-387.8	0.81	-0.43	-0.43	4.4	18.4	
19,579.0	90.40	356.30	12,472.6	7,074.2	-393.8	0.34	0.32	-0.11	3.9	21.6	
19,672.0	91.00	355.90	12,471.5	7,167.0	-400.1	0.78	0.85	-0.43	2.7	27.2	
19,767.0	90.70	355.30	12,470.1	7,261.7	-407.4	0.71	-0.32	-0.63	1.2	33.8	
19,862.0	90.20	354.60	12,469.4	7,348.4	-414.9	1.01	-0.59	-0.82	0.5	40.6	
19,917.0	90.20	354.60	12,469.2	7,411.1	-421.0	0.00	0.00	0.00	0.2	48.2	



Midland PVA

Company:	EOG Resources - Midland	Local Coordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NNE)	TVD Reference:	KB = 25' @ 3345.0ush
Site:	Colgrove 35 Fed Com	MD Reference:	KB = 25' @ 3345.0ush
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Design Annotations				
Measured Depth (ush)	Vertical Depth (ush)	Local Coordinates		Comment
		+N-S (ush)	+E-W (ush)	
12,003.0	11,982.5	-210.8	-360.0	KOP, MD:12003.0, TVD:11982.5, NS:-210.8, EW:-360.0, INC:2.73
12,235.6	12,203.7	-154.0	-348.8	FTP Crossing, MD:12235.6, TVD:12203.7, NS:-154.0, EW:-348.8, INC:25.10
19,852.0	12,469.4	7,346.4	-414.9	Last MWD Survey (MD=19852.0)
19,917.0	12,469.2	7,411.1	-421.0	Projection to Bit (MD=19917.0)

Checked By: _____	Approved By: _____	Date: _____
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PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geoid System: US State Plane 1983
Datum: North American Datum 1983
Elevation: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level



Adjusts to Grid North
True North: 0.0°
Magnetic North: 8.3°
Magnetic Field
Strength: 47.133 A/m
Dip Angle: 53.8°
Date: 3/4/2015
Model: ICR2015

Lea County, NM (NAD 83 NME)

Colgrove 35 Fed Com

#703H

Plan #1

To convert a Magnetic Direction to a Grid Direction, Add 8.3°
To convert a Magnetic Direction to a True Direction, Add 8.3° East
To convert a True Direction to a Grid Direction, Add 8.3° East

WELL DETAILS: #703H

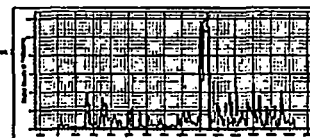
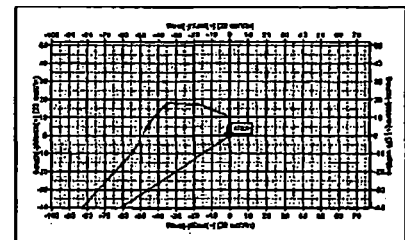
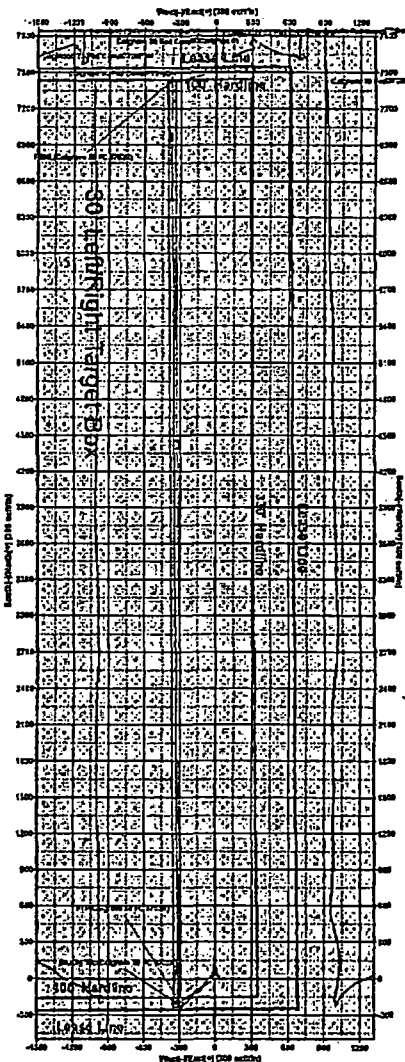
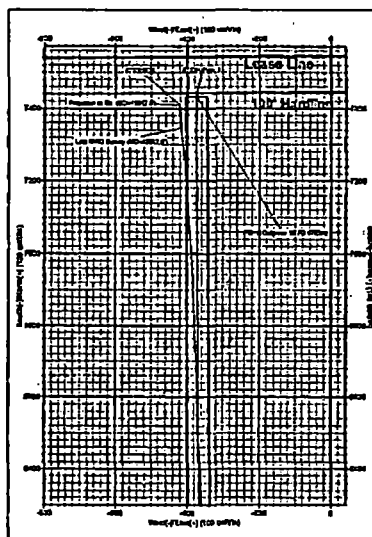
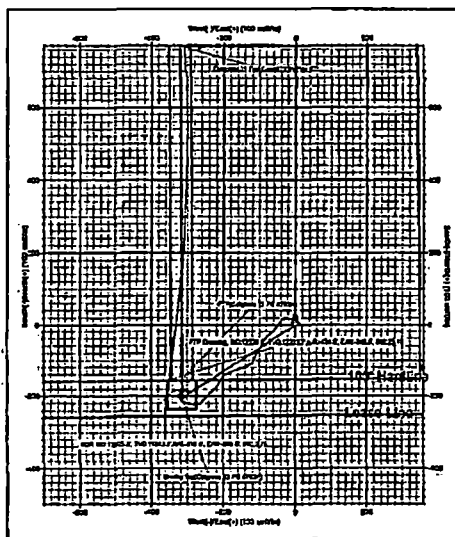
3323.0
KB + 2.0 @ 3343.0
Ending Latitude 32° 7' 3.429 N
Longitude 103° 32' 43.062 W
Skt

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSecl	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2300.0	0.00	0.00	2300.0	0.0	0.0	0.00	0.00	0.0	
3	2500.0	6.00	236.99	2599.4	-8.5	-13.2	2.00	236.99	-7.9	
4	5882.1	6.00	236.99	5853.6	-195.5	-300.8	0.00	0.00	-180.0	
5	6182.1	0.00	0.00	6163.0	-204.0	-314.0	2.00	180.00	-187.9	
6	12004.6	0.00	0.00	11985.5	-204.0	-314.0	0.00	0.00	-187.9	
7	12754.2	89.95	359.54	12463.0	273.0	-317.8	12.00	359.54	288.7	
8	18515.4	89.95	359.54	12469.0	7434.0	-375.0	0.00	0.00	7443.5	PBHL(Colgrove 35 FC #703H)

MILLIGRAM TARGET DETAILS (MUT COORDINATES)

Name	TVD	+N-S	+E-W	Northings	Eastings	Shape
Brushy Top(Colgrove 35 FC #703H)	7982.0	-204.0	-314.0	284772.00	763112.00	Polygon
PTM(Colgrove 35 FC #703H)	12485.0	-184.0	-314.0	284822.00	763112.00	Point
PDHL(Colgrove 35 FC #703H)	12485.0	7434.0	-375.0	27416.00	763112.00	Rectangle (Block LAD V64.0)



Scale: 1 inch = 100 feet

Bureau of Land Management
WATER PRODUCTION & DISPOSAL INFORMATION

LEASE: COLGROVE 35 FEDERAL COM

Lease no NMNM 121490

SECTION 35, T26S, R33E

Wells: COLGROVE 35 FEDERAL COM #701H 30-025-43018

COLGROVE 35 FEDERAL COM #702H 30-025-42983

COLGROVE 35 FEDERAL COM #703H 30-025-45894

COLGROVE 35 FEDERAL COM #704H 30-025-45895

1. Name of formation producing water on lease: WOLFCAMP
2. Amount of water produced from all formations in barrels per day 8000-10,000 BWPD
3. How water is stored on lease 4 - 400 BBL Tanks
4. How water is moved to disposal facility Pipeline/Trucked
5. Disposal Facility:

EOG Red Hills Gathering System - 97% of water, 3% water

- a. Name of Operator/facility well name & number

EOG RESOURCES, INC

Endurance 25 Federal #2

30-025-41067

E-25-26S-33E

Permit No SWD 1424-0

Type of facility or well SWD