Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

HOBBSOCD
SEP 04 2019
RECEIVED

5. Lease Serial No.
NMNM122624

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM139647

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

8. Well Name and No.
WILD WEASEL 15 FED COM 707H

2. Name of Operator
EOG RESOURCES INCORPORATED
Contact: EMILY FOLLIS
E-Mail: emily_follis@eogresources.com

9. API Well No.
30-025-45801-00-X1

3a. Address
PO BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-636-3600

10. Field and Pool or Exploratory Area
RED HILLS

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 15 T25S R34E SWSE 324FSL 2166FEL
32.124149 N Lat, 103.456284 W Lon

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 respectfully requests an amendment to our approved APD for this well to reflect the following changes:
Change name to Wild Weasel 15 Fed Com #707H
BHL change to T-25-S R-34-E Sec. 27 100? FSL 1716? FWL
Reduce HSU to 640 acres

Carlsbad Field Office
OCD Hobbs

Same COAs

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

Electronic Submission #480680 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/27/2019 (19PP2955SE)

Name *(Printed/Typed)* BEN HOCHER — Title REGULATORY ASSOC.

Signature (Electronic Submission) — Date 08/27/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JEROMY PORTER — Title PETROLEUM ENGINEER — Date 08/30/2019

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 Hobbs

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 ****

Revisions to Operator-Submitted EC Data for Sundry Notice #480680

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM122624	NMNM122624
Agreement:		NMNM139647 (NMNM139647)
Operator:	EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702 Ph: 432-636-3600	EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689
Admin Contact:	EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432.636.3600	EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432-636-3600
Tech Contact:	BEN HOCHER REGULATORY ASSOC. E-Mail: Ben_Hocher@eogresources.com Ph: 432-636-3600	BEN HOCHER REGULATORY ASSOC. E-Mail: Ben_Hocher@eogresources.com Ph: 432-636-3600
Location: State: County:	 NM LEA COUNTY	 NM LEA
Field/Pool:	96994 PITCHFORK RANCH:WC	RED HILLS
Well/Facility:	WILD WEASEL 22 FED COM 707H Sec 15 T25S R34E 324FSL 2166FEL	WILD WEASEL 15 FED COM 707H Sec 15 T25S R34E SWSE 324FSL 2166FEL 32.124149 N Lat, 103.456284 W Lon

EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Wild Weasel 15 Fed Com
#707H

OH

Plan: Plan #0.1

Standard Planning Report

27 August, 2019

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #707H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3369.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3369.0usft
Site:	Wild Weasel 15 Fed Com	**North Reference:**	Grid
Well:	#707H	**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	Wild Weasel 15 Fed Com				
Site Position:		**Northing:**	410,007.00 usft	**Latitude:**	32° 7' 26.939 N
From:	Map	**Easting:**	812,884.00 usft	**Longitude:**	103° 27' 22.227 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.47 °

Well	#707H					
Well Position	**+N/-S**	-1.0 usft	**Northing:**	410,006.00 usft	**Latitude:**	32° 7' 26.931 N
	+E/-W	-33.0 usft	**Easting:**	812,851.00 usft	**Longitude:**	103° 27' 22.611 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,344.0 usft

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2015	8/28/2018	6.76	59.97	47,768.38286706

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 (°)**	
	0.0	0.0	0.0	186.94	

Plan Survey Tool Program **Date**

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,957.6	Plan #0.1 (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	
955.0	0.00	0.00	955.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,426.8	9.44	249.49	1,424.7	-13.6	-36.3	2.00	2.00	0.00	249.49	
7,466.2	9.44	249.49	7,382.3	-360.4	-963.7	0.00	0.00	0.00	0.00	
7,938.0	0.00	0.00	7,852.0	-374.0	-1,000.0	2.00	-2.00	0.00	180.00	
12,183.5	0.00	0.00	12,097.5	-374.0	-1,000.0	0.00	0.00	0.00	0.00	
12,933.6	90.00	208.05	12,575.0	-795.5	-1,224.6	12.00	12.00	0.00	208.05	
13,648.2	90.00	179.51	12,575.0	-1,482.3	-1,393.1	3.99	0.00	-3.99	-90.01	
22,958.2	90.00	179.51	12,575.0	-10,792.0	-1,314.0	0.00	0.00	0.00	0.00	PBHL (WW 22 FC #7(

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Site:	Wild Weasel 15 Fed Com	**North Reference:**	Grid
Well:	#707H	**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
955.0	0.00	0.00	955.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.90	249.49	1,000.0	-0.1	-0.3	0.2	2.00	2.00	0.00
1,100.0	2.90	249.49	1,099.9	-1.3	-3.4	1.7	2.00	2.00	0.00
1,200.0	4.90	249.49	1,199.7	-3.7	-9.8	4.8	2.00	2.00	0.00
1,300.0	6.90	249.49	1,299.2	-7.3	-19.4	9.6	2.00	2.00	0.00
1,400.0	8.90	249.49	1,398.2	-12.1	-32.3	15.9	2.00	2.00	0.00
1,426.8	9.44	249.49	1,424.7	-13.6	-36.3	17.9	2.00	2.00	0.00
1,500.0	9.44	249.49	1,496.9	-17.8	-47.5	23.4	0.00	0.00	0.00
1,600.0	9.44	249.49	1,595.5	-23.5	-62.9	31.0	0.00	0.00	0.00
1,700.0	9.44	249.49	1,694.2	-29.3	-78.3	38.5	0.00	0.00	0.00
1,800.0	9.44	249.49	1,792.8	-35.0	-93.6	46.1	0.00	0.00	0.00
1,900.0	9.44	249.49	1,891.5	-40.8	-109.0	53.6	0.00	0.00	0.00
2,000.0	9.44	249.49	1,990.1	-46.5	-124.3	61.2	0.00	0.00	0.00
2,100.0	9.44	249.49	2,088.8	-52.2	-139.7	68.7	0.00	0.00	0.00
2,200.0	9.44	249.49	2,187.4	-58.0	-155.0	76.3	0.00	0.00	0.00
2,300.0	9.44	249.49	2,286.1	-63.7	-170.4	83.9	0.00	0.00	0.00
2,400.0	9.44	249.49	2,384.7	-69.5	-185.7	91.4	0.00	0.00	0.00
2,500.0	9.44	249.49	2,483.3	-75.2	-201.1	99.0	0.00	0.00	0.00
2,600.0	9.44	249.49	2,582.0	-81.0	-216.5	106.5	0.00	0.00	0.00
2,700.0	9.44	249.49	2,680.6	-86.7	-231.8	114.1	0.00	0.00	0.00
2,800.0	9.44	249.49	2,779.3	-92.4	-247.2	121.6	0.00	0.00	0.00
2,900.0	9.44	249.49	2,877.9	-98.2	-262.5	129.2	0.00	0.00	0.00
3,000.0	9.44	249.49	2,976.6	-103.9	-277.9	136.8	0.00	0.00	0.00
3,100.0	9.44	249.49	3,075.2	-109.7	-293.2	144.3	0.00	0.00	0.00
3,200.0	9.44	249.49	3,173.9	-115.4	-308.6	151.9	0.00	0.00	0.00
3,300.0	9.44	249.49	3,272.5	-121.2	-323.9	159.4	0.00	0.00	0.00
3,400.0	9.44	249.49	3,371.2	-126.9	-339.3	167.0	0.00	0.00	0.00
3,500.0	9.44	249.49	3,469.8	-132.6	-354.7	174.5	0.00	0.00	0.00
3,600.0	9.44	249.49	3,568.5	-138.4	-370.0	182.1	0.00	0.00	0.00
3,700.0	9.44	249.49	3,667.1	-144.1	-385.4	189.7	0.00	0.00	0.00
3,800.0	9.44	249.49	3,765.8	-149.9	-400.7	197.2	0.00	0.00	0.00
3,900.0	9.44	249.49	3,864.4	-155.6	-416.1	204.8	0.00	0.00	0.00
4,000.0	9.44	249.49	3,963.1	-161.4	-431.4	212.3	0.00	0.00	0.00
4,100.0	9.44	249.49	4,061.7	-167.1	-446.8	219.9	0.00	0.00	0.00
4,200.0	9.44	249.49	4,160.3	-172.8	-462.2	227.4	0.00	0.00	0.00
4,300.0	9.44	249.49	4,259.0	-178.6	-477.5	235.0	0.00	0.00	0.00
4,400.0	9.44	249.49	4,357.6	-184.3	-492.9	242.5	0.00	0.00	0.00
4,500.0	9.44	249.49	4,456.3	-190.1	-508.2	250.1	0.00	0.00	0.00
4,600.0	9.44	249.49	4,554.9	-195.8	-523.6	257.7	0.00	0.00	0.00
4,700.0	9.44	249.49	4,653.6	-201.6	-538.9	265.2	0.00	0.00	0.00
4,800.0	9.44	249.49	4,752.2	-207.3	-554.3	272.8	0.00	0.00	0.00
4,900.0	9.44	249.49	4,850.9	-213.0	-569.6	280.3	0.00	0.00	0.00
5,000.0	9.44	249.49	4,949.5	-218.8	-585.0	287.9	0.00	0.00	0.00
5,100.0	9.44	249.49	5,048.2	-224.5	-600.4	295.4	0.00	0.00	0.00

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Site:	Wild Weasel 15 Fed Com	**North Reference:**	Grid
Well:	#707H	**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)
5,200.0	9.44	249.49	5,146.8	-230.3	-615.7	303.0	0.00	0.00	0.00
5,300.0	9.44	249.49	5,245.5	-236.0	-631.1	310.6	0.00	0.00	0.00
5,400.0	9.44	249.49	5,344.1	-241.8	-646.4	318.1	0.00	0.00	0.00
5,500.0	9.44	249.49	5,442.8	-247.5	-661.8	325.7	0.00	0.00	0.00
5,600.0	9.44	249.49	5,541.4	-253.2	-677.1	333.2	0.00	0.00	0.00
5,700.0	9.44	249.49	5,640.1	-259.0	-692.5	340.8	0.00	0.00	0.00
5,800.0	9.44	249.49	5,738.7	-264.7	-707.8	348.3	0.00	0.00	0.00
5,900.0	9.44	249.49	5,837.3	-270.5	-723.2	355.9	0.00	0.00	0.00
6,000.0	9.44	249.49	5,936.0	-276.2	-738.6	363.5	0.00	0.00	0.00
6,100.0	9.44	249.49	6,034.6	-282.0	-753.9	371.0	0.00	0.00	0.00
6,200.0	9.44	249.49	6,133.3	-287.7	-769.3	378.6	0.00	0.00	0.00
6,300.0	9.44	249.49	6,231.9	-293.4	-784.6	386.1	0.00	0.00	0.00
6,400.0	9.44	249.49	6,330.6	-299.2	-800.0	393.7	0.00	0.00	0.00
6,500.0	9.44	249.49	6,429.2	-304.9	-815.3	401.2	0.00	0.00	0.00
6,600.0	9.44	249.49	6,527.9	-310.7	-830.7	408.8	0.00	0.00	0.00
6,700.0	9.44	249.49	6,626.5	-316.4	-846.0	416.4	0.00	0.00	0.00
6,800.0	9.44	249.49	6,725.2	-322.2	-861.4	423.9	0.00	0.00	0.00
6,900.0	9.44	249.49	6,823.8	-327.9	-876.8	431.5	0.00	0.00	0.00
7,000.0	9.44	249.49	6,922.5	-333.6	-892.1	439.0	0.00	0.00	0.00
7,100.0	9.44	249.49	7,021.1	-339.4	-907.5	446.6	0.00	0.00	0.00
7,200.0	9.44	249.49	7,119.8	-345.1	-922.8	454.1	0.00	0.00	0.00
7,300.0	9.44	249.49	7,218.4	-350.9	-938.2	461.7	0.00	0.00	0.00
7,400.0	9.44	249.49	7,317.0	-356.6	-953.5	469.3	0.00	0.00	0.00
7,466.2	9.44	249.49	7,382.3	-360.4	-963.7	474.3	0.00	0.00	0.00
7,500.0	8.76	249.49	7,415.7	-362.3	-968.7	476.7	2.00	-2.00	0.00
7,600.0	6.76	249.49	7,514.8	-367.0	-981.3	482.9	2.00	-2.00	0.00
7,700.0	4.76	249.49	7,614.3	-370.5	-990.7	487.6	2.00	-2.00	0.00
7,800.0	2.76	249.49	7,714.1	-372.8	-996.9	490.6	2.00	-2.00	0.00
7,900.0	0.76	249.49	7,814.0	-373.9	-999.8	492.0	2.00	-2.00	0.00
7,938.0	0.00	0.00	7,852.0	-374.0	-1,000.0	492.1	2.00	-2.00	0.00
8,000.0	0.00	0.00	7,914.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,100.0	0.00	0.00	8,014.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,200.0	0.00	0.00	8,114.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,300.0	0.00	0.00	8,214.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,400.0	0.00	0.00	8,314.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,500.0	0.00	0.00	8,414.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,600.0	0.00	0.00	8,514.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,700.0	0.00	0.00	8,614.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,800.0	0.00	0.00	8,714.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
8,900.0	0.00	0.00	8,814.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,000.0	0.00	0.00	8,914.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,100.0	0.00	0.00	9,014.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,200.0	0.00	0.00	9,114.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,300.0	0.00	0.00	9,214.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,400.0	0.00	0.00	9,314.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,500.0	0.00	0.00	9,414.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,600.0	0.00	0.00	9,514.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,700.0	0.00	0.00	9,614.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,800.0	0.00	0.00	9,714.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
9,900.0	0.00	0.00	9,814.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,000.0	0.00	0.00	9,914.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,100.0	0.00	0.00	10,014.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,200.0	0.00	0.00	10,114.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,300.0	0.00	0.00	10,214.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #707H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3369.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3369.0usft
Site:	Wild Weasel 15 Fed Com	**North Reference:**	Grid
Well:	#707H	**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)
10,400.0	0.00	0.00	10,314.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,500.0	0.00	0.00	10,414.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,600.0	0.00	0.00	10,514.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,700.0	0.00	0.00	10,614.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,800.0	0.00	0.00	10,714.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
10,900.0	0.00	0.00	10,814.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,000.0	0.00	0.00	10,914.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,100.0	0.00	0.00	11,014.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,200.0	0.00	0.00	11,114.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,300.0	0.00	0.00	11,214.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,400.0	0.00	0.00	11,314.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,500.0	0.00	0.00	11,414.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,600.0	0.00	0.00	11,514.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,700.0	0.00	0.00	11,614.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,800.0	0.00	0.00	11,714.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
11,900.0	0.00	0.00	11,814.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
12,000.0	0.00	0.00	11,914.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
12,100.0	0.00	0.00	12,014.0	-374.0	-1,000.0	492.1	0.00	0.00	0.00
12,183.5	0.00	0.00	12,097.5	-374.0	-1,000.0	492.1	0.00	0.00	0.00
12,186.7	0.39	208.05	12,100.8	-374.0	-1,000.0	492.1	12.00	12.00	0.00
KOP (WW 22 FC #707H)									
12,200.0	1.98	208.05	12,114.0	-374.3	-1,000.1	492.4	12.00	12.00	0.00
12,225.0	4.98	208.05	12,139.0	-375.6	-1,000.8	493.8	12.00	12.00	0.00
12,250.0	7.98	208.05	12,163.8	-378.1	-1,002.2	496.4	12.00	12.00	0.00
12,275.0	10.98	208.05	12,188.5	-381.7	-1,004.1	500.3	12.00	12.00	0.00
12,300.0	13.98	208.05	12,212.9	-386.5	-1,006.7	505.3	12.00	12.00	0.00
12,325.0	16.98	208.05	12,237.0	-392.4	-1,009.8	511.5	12.00	12.00	0.00
12,350.0	19.98	208.05	12,260.7	-399.4	-1,013.5	518.9	12.00	12.00	0.00
12,375.0	22.98	208.05	12,283.9	-407.4	-1,017.8	527.5	12.00	12.00	0.00
12,400.0	25.98	208.05	12,306.7	-416.6	-1,022.7	537.1	12.00	12.00	0.00
12,425.0	28.98	208.05	12,328.9	-426.8	-1,028.1	547.9	12.00	12.00	0.00
12,450.0	31.98	208.05	12,350.4	-438.0	-1,034.1	559.7	12.00	12.00	0.00
12,475.0	34.98	208.05	12,371.3	-450.1	-1,040.6	572.6	12.00	12.00	0.00
12,500.0	37.98	208.05	12,391.4	-463.2	-1,047.6	586.5	12.00	12.00	0.00
12,525.0	40.98	208.05	12,410.6	-477.3	-1,055.0	601.3	12.00	12.00	0.00
12,550.0	43.98	208.05	12,429.1	-492.2	-1,063.0	617.0	12.00	12.00	0.00
12,575.0	46.98	208.05	12,446.6	-507.9	-1,071.3	633.7	12.00	12.00	0.00
12,600.0	49.98	208.05	12,463.2	-524.4	-1,080.1	651.1	12.00	12.00	0.00
12,625.0	52.98	208.05	12,478.7	-541.7	-1,089.3	669.4	12.00	12.00	0.00
12,650.0	55.98	208.05	12,493.3	-559.6	-1,098.9	688.3	12.00	12.00	0.00
12,675.0	58.98	208.05	12,506.7	-578.2	-1,108.8	708.0	12.00	12.00	0.00
12,700.0	61.98	208.05	12,519.0	-597.4	-1,119.1	728.3	12.00	12.00	0.00
12,714.2	63.68	208.05	12,525.5	-608.6	-1,125.0	740.1	12.00	12.00	0.00
FTP (WW 22 FC #707H)									
12,725.0	64.97	208.05	12,530.2	-617.2	-1,129.6	749.2	12.00	12.00	0.00
12,750.0	67.97	208.05	12,540.2	-637.4	-1,140.4	770.5	12.00	12.00	0.00
12,775.0	70.97	208.05	12,548.9	-658.0	-1,151.4	792.4	12.00	12.00	0.00
12,800.0	73.97	208.05	12,556.5	-679.1	-1,162.6	814.6	12.00	12.00	0.00
12,825.0	76.97	208.05	12,562.7	-700.4	-1,174.0	837.2	12.00	12.00	0.00
12,850.0	79.97	208.05	12,567.7	-722.0	-1,185.5	860.0	12.00	12.00	0.00
12,875.0	82.97	208.05	12,571.4	-743.9	-1,197.1	883.1	12.00	12.00	0.00
12,900.0	85.97	208.05	12,573.8	-765.8	-1,208.8	906.3	12.00	12.00	0.00
12,925.0	88.97	208.05	12,574.9	-787.9	-1,220.5	929.6	12.00	12.00	0.00
12,933.6	90.00	208.05	12,575.0	-795.5	-1,224.6	937.6	12.00	12.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #707H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3369.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3369.0usft
Site:	Wild Weasel 15 Fed Com	**North Reference:**	Grid
Well:	#707H	**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)
13,000.0	90.00	205.40	12,575.0	-854.8	-1,254.4	1,000.1	3.99	0.00	-3.99
13,100.0	90.00	201.41	12,575.0	-946.5	-1,294.2	1,096.0	3.99	0.00	-3.99
13,200.0	90.00	197.41	12,575.0	-1,040.8	-1,327.4	1,193.6	3.99	0.00	-3.99
13,300.0	90.00	193.42	12,575.0	-1,137.2	-1,354.0	1,292.5	3.99	0.00	-3.99
13,400.0	90.00	189.43	12,575.0	-1,235.2	-1,373.8	1,392.2	3.99	0.00	-3.99
13,500.0	90.00	185.43	12,575.0	-1,334.3	-1,386.7	1,492.1	3.99	0.00	-3.99
13,600.0	90.00	181.44	12,575.0	-1,434.1	-1,392.7	1,591.9	3.99	0.00	-3.99
13,648.2	90.00	179.51	12,575.0	-1,482.3	-1,393.1	1,639.8	3.99	0.00	-3.99
13,700.0	90.00	179.51	12,575.0	-1,534.1	-1,392.6	1,691.2	0.00	0.00	0.00
13,800.0	90.00	179.51	12,575.0	-1,634.1	-1,391.8	1,790.4	0.00	0.00	0.00
13,900.0	90.00	179.51	12,575.0	-1,734.1	-1,390.9	1,889.5	0.00	0.00	0.00
14,000.0	90.00	179.51	12,575.0	-1,834.1	-1,390.1	1,988.7	0.00	0.00	0.00
14,100.0	90.00	179.51	12,575.0	-1,934.1	-1,389.2	2,087.8	0.00	0.00	0.00
14,200.0	90.00	179.51	12,575.0	-2,034.1	-1,388.4	2,187.0	0.00	0.00	0.00
14,300.0	90.00	179.51	12,575.0	-2,134.1	-1,387.5	2,286.2	0.00	0.00	0.00
14,400.0	90.00	179.51	12,575.0	-2,234.1	-1,386.7	2,385.3	0.00	0.00	0.00
14,500.0	90.00	179.51	12,575.0	-2,334.1	-1,385.9	2,484.5	0.00	0.00	0.00
14,600.0	90.00	179.51	12,575.0	-2,434.1	-1,385.0	2,583.6	0.00	0.00	0.00
14,700.0	90.00	179.51	12,575.0	-2,534.1	-1,384.2	2,682.8	0.00	0.00	0.00
14,800.0	90.00	179.51	12,575.0	-2,634.1	-1,383.3	2,782.0	0.00	0.00	0.00
14,900.0	90.00	179.51	12,575.0	-2,734.1	-1,382.5	2,881.1	0.00	0.00	0.00
15,000.0	90.00	179.51	12,575.0	-2,834.1	-1,381.6	2,980.3	0.00	0.00	0.00
15,100.0	90.00	179.51	12,575.0	-2,934.1	-1,380.8	3,079.4	0.00	0.00	0.00
15,200.0	90.00	179.51	12,575.0	-3,034.1	-1,379.9	3,178.6	0.00	0.00	0.00
15,300.0	90.00	179.51	12,575.0	-3,134.1	-1,379.1	3,277.8	0.00	0.00	0.00
15,400.0	90.00	179.51	12,575.0	-3,234.1	-1,378.2	3,376.9	0.00	0.00	0.00
15,500.0	90.00	179.51	12,575.0	-3,334.1	-1,377.4	3,476.1	0.00	0.00	0.00
15,600.0	90.00	179.51	12,575.0	-3,434.0	-1,376.5	3,575.2	0.00	0.00	0.00
15,700.0	90.00	179.51	12,575.0	-3,534.0	-1,375.7	3,674.4	0.00	0.00	0.00
15,800.0	90.00	179.51	12,575.0	-3,634.0	-1,374.8	3,773.6	0.00	0.00	0.00
15,900.0	90.00	179.51	12,575.0	-3,734.0	-1,374.0	3,872.7	0.00	0.00	0.00
16,000.0	90.00	179.51	12,575.0	-3,834.0	-1,373.1	3,971.9	0.00	0.00	0.00
16,100.0	90.00	179.51	12,575.0	-3,934.0	-1,372.3	4,071.0	0.00	0.00	0.00
16,200.0	90.00	179.51	12,575.0	-4,034.0	-1,371.4	4,170.2	0.00	0.00	0.00
16,300.0	90.00	179.51	12,575.0	-4,134.0	-1,370.6	4,269.4	0.00	0.00	0.00
16,400.0	90.00	179.51	12,575.0	-4,234.0	-1,369.7	4,368.5	0.00	0.00	0.00
16,500.0	90.00	179.51	12,575.0	-4,334.0	-1,368.9	4,467.7	0.00	0.00	0.00
16,600.0	90.00	179.51	12,575.0	-4,434.0	-1,368.0	4,566.9	0.00	0.00	0.00
16,700.0	90.00	179.51	12,575.0	-4,534.0	-1,367.2	4,666.0	0.00	0.00	0.00
16,800.0	90.00	179.51	12,575.0	-4,634.0	-1,366.3	4,765.2	0.00	0.00	0.00
16,900.0	90.00	179.51	12,575.0	-4,734.0	-1,365.5	4,864.3	0.00	0.00	0.00
17,000.0	90.00	179.51	12,575.0	-4,834.0	-1,364.6	4,963.5	0.00	0.00	0.00
17,100.0	90.00	179.51	12,575.0	-4,934.0	-1,363.8	5,062.7	0.00	0.00	0.00
17,200.0	90.00	179.51	12,575.0	-5,034.0	-1,362.9	5,161.8	0.00	0.00	0.00
17,300.0	90.00	179.51	12,575.0	-5,134.0	-1,362.1	5,261.0	0.00	0.00	0.00
17,400.0	90.00	179.51	12,575.0	-5,234.0	-1,361.2	5,360.1	0.00	0.00	0.00
17,500.0	90.00	179.51	12,575.0	-5,334.0	-1,360.4	5,459.3	0.00	0.00	0.00
17,600.0	90.00	179.51	12,575.0	-5,434.0	-1,359.5	5,558.5	0.00	0.00	0.00
17,700.0	90.00	179.51	12,575.0	-5,534.0	-1,358.7	5,657.6	0.00	0.00	0.00
17,800.0	90.00	179.51	12,575.0	-5,634.0	-1,357.8	5,756.8	0.00	0.00	0.00
17,900.0	90.00	179.51	12,575.0	-5,734.0	-1,357.0	5,855.9	0.00	0.00	0.00
18,000.0	90.00	179.51	12,575.0	-5,834.0	-1,356.1	5,955.1	0.00	0.00	0.00
18,100.0	90.00	179.51	12,575.0	-5,934.0	-1,355.3	6,054.3	0.00	0.00	0.00
18,200.0	90.00	179.51	12,575.0	-6,034.0	-1,354.4	6,153.4	0.00	0.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #707H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3369.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3369.0usft
Site:	Wild Weasel 15 Fed Com	**North Reference:**	Grid
Well:	#707H	**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)
18,300.0	90.00	179.51	12,575.0	-6,134.0	-1,353.6	6,252.6	0.00	0.00	0.00
18,400.0	90.00	179.51	12,575.0	-6,233.9	-1,352.7	6,351.7	0.00	0.00	0.00
18,500.0	90.00	179.51	12,575.0	-6,333.9	-1,351.9	6,450.9	0.00	0.00	0.00
18,600.0	90.00	179.51	12,575.0	-6,433.9	-1,351.0	6,550.1	0.00	0.00	0.00
18,700.0	90.00	179.51	12,575.0	-6,533.9	-1,350.2	6,649.2	0.00	0.00	0.00
18,800.0	90.00	179.51	12,575.0	-6,633.9	-1,349.3	6,748.4	0.00	0.00	0.00
18,900.0	90.00	179.51	12,575.0	-6,733.9	-1,348.5	6,847.5	0.00	0.00	0.00
19,000.0	90.00	179.51	12,575.0	-6,833.9	-1,347.6	6,946.7	0.00	0.00	0.00
19,100.0	90.00	179.51	12,575.0	-6,933.9	-1,346.8	7,045.9	0.00	0.00	0.00
19,200.0	90.00	179.51	12,575.0	-7,033.9	-1,345.9	7,145.0	0.00	0.00	0.00
19,300.0	90.00	179.51	12,575.0	-7,133.9	-1,345.1	7,244.2	0.00	0.00	0.00
19,400.0	90.00	179.51	12,575.0	-7,233.9	-1,344.2	7,343.3	0.00	0.00	0.00
19,500.0	90.00	179.51	12,575.0	-7,333.9	-1,343.4	7,442.5	0.00	0.00	0.00
19,600.0	90.00	179.51	12,575.0	-7,433.9	-1,342.5	7,541.7	0.00	0.00	0.00
19,700.0	90.00	179.51	12,575.0	-7,533.9	-1,341.7	7,640.8	0.00	0.00	0.00
19,800.0	90.00	179.51	12,575.0	-7,633.9	-1,340.8	7,740.0	0.00	0.00	0.00
19,900.0	90.00	179.51	12,575.0	-7,733.9	-1,340.0	7,839.2	0.00	0.00	0.00
20,000.0	90.00	179.51	12,575.0	-7,833.9	-1,339.1	7,938.3	0.00	0.00	0.00
20,100.0	90.00	179.51	12,575.0	-7,933.9	-1,338.3	8,037.5	0.00	0.00	0.00
20,200.0	90.00	179.51	12,575.0	-8,033.9	-1,337.4	8,136.6	0.00	0.00	0.00
20,300.0	90.00	179.51	12,575.0	-8,133.9	-1,336.6	8,235.8	0.00	0.00	0.00
20,400.0	90.00	179.51	12,575.0	-8,233.9	-1,335.7	8,335.0	0.00	0.00	0.00
20,500.0	90.00	179.51	12,575.0	-8,333.9	-1,334.9	8,434.1	0.00	0.00	0.00
20,600.0	90.00	179.51	12,575.0	-8,433.9	-1,334.0	8,533.3	0.00	0.00	0.00
20,700.0	90.00	179.51	12,575.0	-8,533.9	-1,333.2	8,632.4	0.00	0.00	0.00
20,800.0	90.00	179.51	12,575.0	-8,633.9	-1,332.3	8,731.6	0.00	0.00	0.00
20,900.0	90.00	179.51	12,575.0	-8,733.9	-1,331.5	8,830.8	0.00	0.00	0.00
21,000.0	90.00	179.51	12,575.0	-8,833.9	-1,330.6	8,929.9	0.00	0.00	0.00
21,100.0	90.00	179.51	12,575.0	-8,933.9	-1,329.8	9,029.1	0.00	0.00	0.00
21,200.0	90.00	179.51	12,575.0	-9,033.8	-1,328.9	9,128.2	0.00	0.00	0.00
21,300.0	90.00	179.51	12,575.0	-9,133.8	-1,328.1	9,227.4	0.00	0.00	0.00
21,400.0	90.00	179.51	12,575.0	-9,233.8	-1,327.2	9,326.6	0.00	0.00	0.00
21,500.0	90.00	179.51	12,575.0	-9,333.8	-1,326.4	9,425.7	0.00	0.00	0.00
21,600.0	90.00	179.51	12,575.0	-9,433.8	-1,325.5	9,524.9	0.00	0.00	0.00
21,700.0	90.00	179.51	12,575.0	-9,533.8	-1,324.7	9,624.0	0.00	0.00	0.00
21,800.0	90.00	179.51	12,575.0	-9,633.8	-1,323.8	9,723.2	0.00	0.00	0.00
21,900.0	90.00	179.51	12,575.0	-9,733.8	-1,323.0	9,822.4	0.00	0.00	0.00
22,000.0	90.00	179.51	12,575.0	-9,833.8	-1,322.1	9,921.5	0.00	0.00	0.00
22,100.0	90.00	179.51	12,575.0	-9,933.8	-1,321.3	10,020.7	0.00	0.00	0.00
22,200.0	90.00	179.51	12,575.0	-10,033.8	-1,320.4	10,119.8	0.00	0.00	0.00
22,300.0	90.00	179.51	12,575.0	-10,133.8	-1,319.6	10,219.0	0.00	0.00	0.00
22,400.0	90.00	179.51	12,575.0	-10,233.8	-1,318.7	10,318.2	0.00	0.00	0.00
22,500.0	90.00	179.51	12,575.0	-10,333.8	-1,317.9	10,417.3	0.00	0.00	0.00
22,600.0	90.00	179.51	12,575.0	-10,433.8	-1,317.0	10,516.5	0.00	0.00	0.00
22,700.0	90.00	179.51	12,575.0	-10,533.8	-1,316.2	10,615.7	0.00	0.00	0.00
22,800.0	90.00	179.51	12,575.0	-10,633.8	-1,315.3	10,714.8	0.00	0.00	0.00
22,900.0	90.00	179.51	12,575.0	-10,733.8	-1,314.5	10,814.0	0.00	0.00	0.00
22,958.2	90.00	179.51	12,575.0	-10,792.0	-1,314.0	10,871.7	0.00	0.00	0.00
PBHL (WW 22 FC #707H)									

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #707H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3369.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25 @ 3369.0usft
Site:	Wild Weasel 15 Fed Com	**North Reference:**	Grid
Well:	#707H	**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 (WW 22 FC #707H	0.00	0.00	12,097.5	-374.0	-1,402.0	409,632.00	811,449.00	32° 7' 23.343 N	103° 27' 38.948 W
- plan misses target center by 402.0usft at 12184.1usft MD (12098.1 TVD, -374.0 N, -1000.0 E) - Point									
PBHL (WW 22 FC #707I	0.00	0.00	12,575.0	-10,792.0	-1,314.0	399,214.00	811,537.00	32° 5' 40.249 N	103° 27' 38.905 W
- plan hits target center - Point									
FTP (WW 22 FC #707H	0.00	0.00	12,575.0	-433.0	-1,402.0	409,573.00	811,449.00	32° 7' 22.759 N	103° 27' 38.954 W
- plan misses target center by 331.7usft at 12714.2usft MD (12525.5 TVD, -608.6 N, -1125.0 E) - Point									

eog resources

Lea County, NM (NAD 83 NME)

Wild Weasel 15 Fed Com #707H

Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level

Azimuths to Grid North
True North: -0.43°
Magnetic North: 6.30°

Magnetic Field
Strength: 47758.4nT
Dip Angle: 59.97°
Date: 8/28/2018
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.30°
To convert a Magnetic Direction to a True Direction, Add 6.76° East
To convert a True Direction to a Grid Direction, Subtract 0.47°

WELL DETAILS: #707H

3344.0
KB = 25 @ 3369.0usft

Northing	Easting	Latitude	Longitude
410006.00	812551.00	32° 7' 28.931 N	103° 27' 22.811 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	968.0	0.00	0.00	968.0	0.0	0.0	0.00	0.00	0.0	
3	1429.8	9.44	249.43	1424.7	-13.6	-38.3	2.00	249.43	17.9	
4	7468.3	9.44	249.43	7382.3	-360.4	-963.7	0.00	0.00	474.3	
5	7938.0	0.00	0.00	7852.0	-374.0	-1000.0	2.00	180.00	492.1	
6	12183.8	0.00	0.00	12097.8	-374.0	-1000.0	0.00	0.00	492.1	
7	12933.8	90.00	269.06	12576.0	-786.5	-1734.8	12.00	269.06	937.8	
8	13649.2	90.00	178.51	12576.0	-1482.3	-1393.1	3.33	-90.01	1639.8	
9	22958.2	90.00	178.51	12576.0	-10792.0	-1314.0	0.00	0.00	10871.7	PBHL (WW 22 FC #707H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (WW 22 FC #707H)	12097.8	-374.0	-1402.0	409632.00	811449.00
FTP (WW 22 FC #707H)	12576.0	-433.0	-1402.0	409573.00	811449.00
PBHL (WW 22 FC #707H)	12576.0	-10792.0	-1314.0	399214.00	811537.00