

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM118726

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator EOG RESOURCES INCORPORATED Contact: KAY MADDOX E-Mail: kay_maddox@eogresources.com			8. Lease Name and Well No. GETTY 5 FED COM 504H		
3. Address PO BOX 2267 MIDLAND, TX 79702			3a. Phone No. (include area code) Ph: 432-686-3658		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 5 T25S R33E Mer NMP At surface SWSE 249FSL 1816FEL 32.153050 N Lat, 103.591611 W Lon Sec 5 T25S R33E Mer NMP At top prod interval reported below SWSE 455FSL 1844FEL 32.153615 N Lat, 103.591703 W Lon Sec 32 T25S R33E Mer NMP At total depth NWSE 2530FSL 1846FEL 32.173829 N Lat, 103.591741 W Lon			9. API Well No. 30-025-46214-00-S1		
14. Date Spudded 08/19/2019			15. Date T.D. Reached 09/29/2019		
16. Date Completed ☐ D & A ☒ Ready to Prod. 03/03/2020			17. Elevations (DF, KB, RT, GL)* 3443 GL		
18. Total Depth: MD 18528 TVD 11039		19. Plug Back T.D.: MD 18506 TVD 11039		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3443 GL			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
17.500	13.375 J55	54.5		1186		900		0	
12.250	9.625 J55	40.0		4946		1880		0	
8.750	5.500 ICYP110	20.0		21330		2512		4090	

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

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	11166	18506	11166 TO 18506	3.000	1500	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11166 TO 18506	18,040,575 LBS PROPPANT; 300,911 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
03/03/2020	03/08/2020	24	→	3163.0	4683.0	8885.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
94		761.0	→	3163	4683	8885	1481	POW	

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 #507805 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1082		BARREN	RUSTLER	1082
TOP OF SALT	1308		BARREN	TOP OF SALT	1308
BASE OF SALT	4818		OIL & GAS	BASE OF SALT	4818
BRUSHY CANYON	7575		OIL & GAS	BRUSHY CANYON	7575
BONE SPRING 1ST	10069		OIL & GAS	BONE SPRING 1ST	10069
BONE SPRING 2ND	10671		OIL & GAS	BONE SPRING 2ND	10671

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 #507805 Verified by the BLM Well Information System.
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by DINAH NEGRETE on 05/17/2020 (20DCN0042SE)**

Name (please print) KAY MADDOXTitle REGULATORY SPECIALIST

Signature _____ (Electronic Submission)

Date 03/19/2020

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #507805

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM118726	NMNM118726
Agreement:		
Operator:	EOG RESOURCES, INC PO BOX 2267 MIDLAND, TX 79702 Ph: 432-686-3658	EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689
Admin Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: KAY_MADDOX@EOGRESOURCES.COM Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Tech Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: KAY_MADDOX@EOGRESOURCES.COM Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Well Name:	GETTY 5 FEDERAL COM	GETTY 5 FED COM
Number:	504H	504H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 5 T25S R33E Mer NMP	Sec 5 T25S R33E Mer NMP
Surf Loc:	SWSE 249FSL 1816FEL 32.153050 N Lat, 103.591611 W Lon	SWSE 249FSL 1816FEL 32.153050 N Lat, 103.591611 W Lon
Field/Pool:	TRISTE DRAW;BONE SPRING,	TRISTE DRAW-BONE SPRING
Logs Run:		3443 GL
Producing Intervals - Formations:	BONE SPRING	BONE SPRING 2ND
Porous Zones:	RUSTLER T/SALT B/SALT BRUSHY CANYON 1ST BONE SPRING SAND 2ND BONE SPRING SAND	RUSTLER TOP OF SALT BASE OF SALT BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND
Markers:	RUSTLER T/SALT B/SALT BRUSHY CANYON 1ST BONE SPRING SAND 2ND BONE SPRING SAND	RUSTLER TOP OF SALT BASE OF SALT BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND

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 30-025-46214	² Pool Code 96682	³ Pool Name TRISTE DRAW; BONE Spring, East
⁴ Property Code 325943	⁵ Property Name GETTY 5 FED COM	
⁶ Well Number 50414	⁷ Operator Name EOG RESOURCES, INC.	
⁸ GRID No. 7377	⁹ Elevation 3443'	

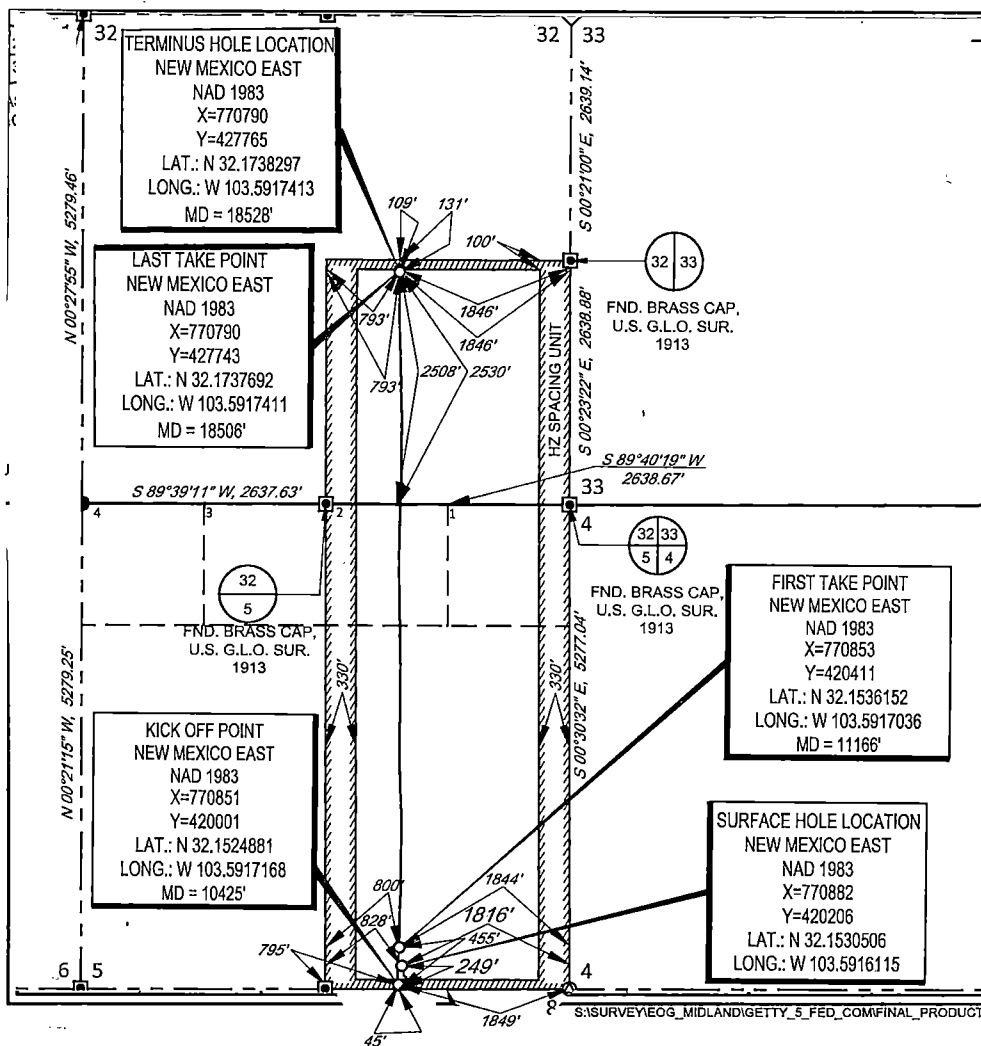
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	5	25-S	33-E	-	249'	SOUTH	1816'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	32	24-S	33-E	-	2530	SOUTH	1846	EAST	LEA

¹² Dedicated Acres 479.88	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 released 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 3/18/20
Signature Date
KAY MADDOX
Printed Name
E-mail Address

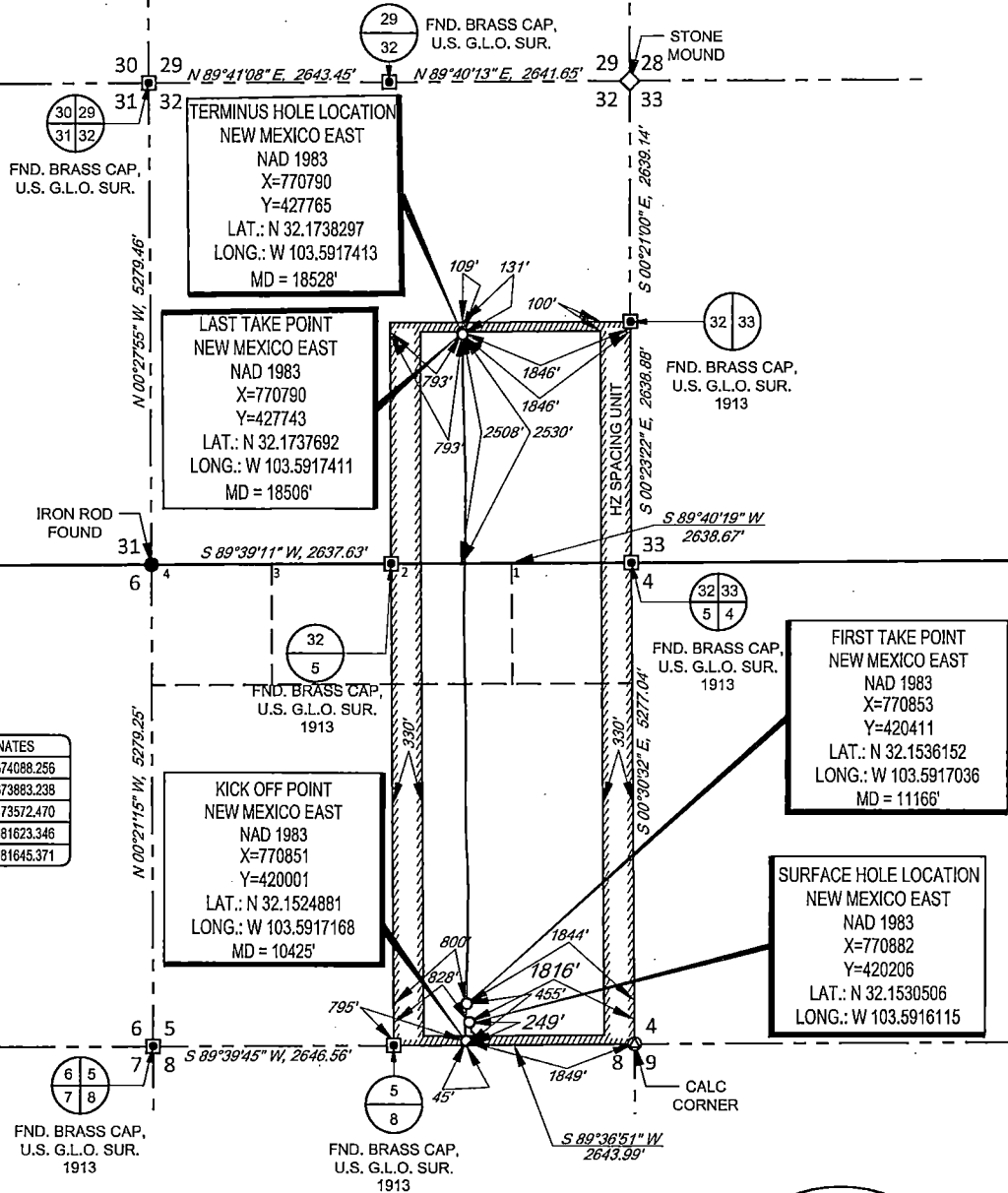
¹⁸SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

12/15/2017
Date of Survey
Signature and Seal of Professional Surveyor
MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

SECTION 5, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'
0' 1000' 2000'

POINT	UTM ZONE 13 COORDINATES	
SHL	X=2076157.966	Y=11674088.256
KOP	X=2076128.070	Y=11673883.238
FTP	X=2049323.077	Y=15473572.470
LTP	X=2076019.253	Y=11681623.346
THL	X=2076018.896	Y=11681645.371

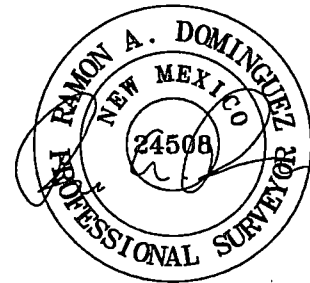


LEASE NAME & WELL NO.: GETTY 5 FED COM 504H
SECTION 5 TWP 25-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3443'
DESCRIPTION 249' FSL & 1816' FEL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



Ramon A. Dominguez, P.S. No. 24508
OCTOBER 01, 2019



GETTY 5 FED COM 504H AS-COMplete DATE: 02/19/2020 FILE: AD_GETTY_5_FED_COM_504H DRAWN BY: TRG SHEET: 1 OF 1	REVISION:	NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY. 4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Getty 5 Fed Com

#504H

OH

Design: OH

Midland PVA

29 September, 2019



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #504H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3468.0usft
Site:	Getty 5 Fed Com	MD Reference:	KB = 25 @ 3468.0usft
Well:	#504H	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	Getty 5 Fed Com		
Site Position:		Northing:	420,163.00 usft
From:	Map	Easting:	772,092.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 10.475 N
		Longitude:	103° 35' 15.736 W
		Grid Convergence:	0.40 °

Well	#504H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 9' 10.984 N
		Longitude:	103° 35' 29.807 W
		Ground Level:	3,443.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	12/13/2018	6.80
			Dip Angle
			59.97
			Field Strength
			47,740.60589669

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
			359.42

Survey Program	Date 9/29/2019		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
177.0	18,528.0	Driltech MWD (OH)	MWD
			Description
			OWSG MWD - Standard



Midland PVA

Company: EOG Resources - Midland		Local Co-ordinate Reference: Well #504H								
Project: Lea County, NM (NAD 83 NME)		TVD Reference: KB = 25 @ 3468.0usft								
Site: Galtv 5 Fed Com		MD Reference: KB = 25 @ 3468.0usft								
Well: #504H		Grid								
Wellbore: OH		Survey Calculation Method: Minimum Curvature								
Design: OH		Database: EDM 5000.14								
Survey										
MD (usft)	Inc (°)	Az (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/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	0.00	0.00	0.00	0.0	0.0
177.0	0.53	296.81	177.0	0.4	-0.7	0.30	0.30	0.00	0.00	-0.8
238.0	0.88	279.23	238.0	0.6	-1.4	0.67	0.67	-28.82	-1.5	-0.3
326.0	1.14	272.64	326.0	0.7	-3.0	0.32	0.30	-7.49	-3.0	-0.6
417.0	1.06	277.03	417.0	0.9	-4.7	0.13	-0.09	4.82	-4.8	-0.3
504.0	1.06	258.75	503.9	0.8	-6.3	0.39	0.00	-21.01	-6.0	-2.0
593.0	0.88	264.46	592.9	0.6	-7.8	0.23	-0.20	6.42	-7.7	-1.3
680.0	0.97	258.75	679.9	0.4	-9.2	0.15	0.10	-6.56	-8.9	-2.2
778.0	1.06	247.59	777.9	-0.1	-10.8	0.22	0.09	-11.39	-10.1	-4.0
872.0	0.88	259.01	871.9	-0.6	-12.4	0.28	-0.19	12.15	-12.2	-1.8
966.0	0.88	250.14	965.9	-1.0	-13.7	0.14	0.00	-9.44	-13.3	-3.7
1,061.0	1.41	229.57	1,060.9	-2.0	-15.3	0.70	0.56	-21.65	-13.0	-8.4
1,118.0	1.14	215.16	1,115.9	-2.9	-16.1	0.76	-0.49	-26.20	-11.7	-11.5
1,251.0	0.88	203.38	1,250.8	-4.9	-17.3	0.25	-0.19	-8.73	-11.4	-14.0
1,345.0	0.53	205.93	1,344.8	-6.0	-17.8	0.37	-0.37	2.71	-13.2	-13.4
1,439.0	0.62	215.77	1,438.8	-6.8	-18.3	0.14	0.10	10.47	-16.2	-10.9
1,534.0	0.35	192.66	1,533.8	-7.5	-18.7	0.35	-0.28	-24.33	-11.4	-16.6
1,628.0	1.41	101.69	1,627.8	-8.0	-17.6	1.55	1.13	-96.78	15.6	-11.4
1,723.0	1.41	94.22	1,722.8	-8.3	-15.3	0.19	0.00	-7.86	14.6	-9.4
1,817.0	1.32	90.09	1,816.7	-8.4	-13.0	0.14	-0.10	-4.39	13.0	-8.4
1,911.0	1.14	104.94	1,910.7	-8.7	-11.1	0.39	-0.19	15.80	8.5	-11.2
2,006.0	1.23	98.44	2,005.7	-9.0	-9.1	0.17	0.09	-6.84	7.7	-10.3
2,100.0	1.14	68.91	2,099.7	-8.9	-7.3	0.65	-0.10	-31.41	10.0	-5.7
2,194.0	1.23	73.74	2,193.7	-8.2	-5.4	0.14	0.10	5.14	7.5	-6.4
2,289.0	1.06	77.17	2,288.6	-7.8	-3.6	0.19	-0.18	3.61	5.2	-6.8
2,383.0	0.97	49.75	2,382.6	-7.1	-2.1	0.52	-0.10	-29.17	6.2	-4.0
2,477.0	0.79	57.48	2,476.6	-6.2	-1.0	0.23	-0.19	8.22	4.2	-4.7



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #504H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3468.0usft
Site:	Getty 5 Fed Com	MD Reference:	KB = 25 @ 3468.0usft
Well:	#504H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,572.0	1.41	90.61	2,571.6	-5.8	0.7	0.91	0.65	34.87	-0.9	-4.9
2,666.0	2.73	120.67	2,665.5	-7.0	3.8	1.77	1.40	31.98	-4.7	0.2
2,761.0	4.13	132.63	2,760.4	-10.5	8.3	1.65	1.47	12.59	-6.1	6.6
2,871.0	4.04	145.99	2,870.1	-16.4	13.4	0.87	-0.08	12.15	-6.1	13.5
2,949.0	4.57	158.03	2,947.9	-21.5	16.1	1.34	0.68	15.44	-4.0	17.4
3,044.0	5.98	174.29	3,042.5	-30.0	18.0	2.15	1.48	17.12	-1.1	20.0
3,138.0	5.54	172.44	3,136.0	-39.3	19.1	0.51	-0.47	-1.97	-4.7	21.1
3,232.0	5.10	168.31	3,229.6	-47.9	20.5	0.62	-0.47	-4.39	-8.6	22.1
3,327.0	4.84	172.97	3,324.2	-56.0	21.9	0.51	-0.27	4.91	-8.5	24.3
3,421.0	5.01	177.63	3,417.9	-64.1	22.5	0.46	0.18	4.98	-8.0	25.9
3,515.0	4.48	183.95	3,511.6	-71.8	22.4	0.78	-0.56	6.72	-6.3	27.1
3,609.0	3.87	185.54	3,605.3	-78.7	21.9	0.66	-0.65	1.69	-5.9	27.1
3,704.0	3.34	187.38	3,700.1	-84.6	21.2	0.57	-0.56	1.94	-4.4	27.0
3,798.0	2.11	179.58	3,794.0	-89.0	20.9	1.36	-1.31	-8.30	-5.9	26.2
3,892.0	1.58	173.76	3,888.0	-92.1	21.0	0.60	-0.56	-6.19	-5.0	26.5
3,986.0	1.49	177.54	3,981.9	-94.6	21.2	0.14	-0.10	4.02	0.7	27.5
4,080.0	1.06	195.00	4,075.9	-96.6	21.0	0.63	-0.46	19.64	13.8	24.9
4,175.0	0.79	182.11	4,170.9	-98.1	20.8	0.37	-0.28	-14.62	12.5	27.4
4,269.0	1.06	149.85	4,264.9	-99.5	21.2	0.61	0.29	-34.32	0.0	33.2
4,363.0	1.67	121.55	4,358.9	-101.0	22.8	0.95	0.65	-30.11	-14.8	34.6
4,457.0	1.93	115.49	4,452.8	-102.4	25.4	0.34	0.28	-6.45	-18.9	38.8
4,551.0	2.29	119.62	4,546.8	-104.0	28.4	0.42	0.38	4.39	-16.6	46.1
4,645.0	3.08	130.17	4,640.7	-106.6	32.0	0.99	0.84	11.22	-8.3	54.0
4,739.0	3.69	127.53	4,734.5	-110.0	36.3	0.67	0.65	-2.81	-12.7	58.9
4,870.0	3.78	123.66	4,865.2	-115.0	43.3	0.20	0.07	-2.95	-20.5	65.5
5,019.0	3.43	126.21	5,013.9	-120.3	50.9	0.26	-0.23	1.71	-21.4	75.4
5,113.0	3.96	149.94	5,107.7	-124.8	54.8	1.71	0.56	25.24	10.3	82.4



Midland PVA

Company: EOG Resources - Midland			Local Co-ordinate Reference:			Well #504H				
Project: Lea County, NM (NAD 83 NME)			TVD Reference:			KB = 25 @ 3468.0usft				
Site: Getty 5 Fed Cam			MD Reference:			KB = 25 @ 3468.0usft				
Well: #504H			North Reference:			Grid				
Wellbore: OH			Survey Calculation Method:			Minimum Curvature				
Design: OH			Database:			EDM 5000.14				
Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	Dlog (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,207.0	4.40	167.34	5,201.5	-131.1	57.3	1.42	0.47	18.51	34.0	78.4
5,301.0	4.48	191.34	5,295.2	-138.3	57.3	1.96	0.09	25.53	62.4	58.4
5,396.0	5.10	208.30	5,389.9	-145.6	54.6	1.62	0.65	17.85	74.9	36.1
5,490.0	5.01	215.42	5,483.5	-152.6	50.2	0.67	-0.10	7.57	74.2	24.8
5,584.0	4.75	213.49	5,577.2	-159.2	45.7	0.33	-0.28	-2.05	66.4	26.5
5,679.0	4.84	213.05	5,671.8	-165.9	41.3	0.10	0.09	-0.46	58.2	27.0
5,773.0	5.36	227.81	5,765.5	-172.1	35.9	1.50	0.55	15.70	55.0	12.3
5,867.0	5.28	229.48	5,859.1	-177.9	29.4	0.19	-0.09	1.78	46.6	10.8
5,962.0	5.28	245.21	5,953.7	-182.6	22.1	1.52	0.00	16.56	39.2	-1.1
6,056.0	4.40	258.75	6,047.3	-185.1	14.6	1.53	-0.94	14.40	30.0	-9.3
6,150.0	3.34	264.02	6,141.1	-186.1	8.4	1.19	-1.13	5.61	22.7	-11.6
6,244.0	1.93	265.96	6,235.0	-186.5	4.1	1.50	-1.50	2.06	18.0	-12.3
6,339.0	1.41	279.14	6,330.0	-186.4	1.3	0.68	-0.55	13.87	12.0	-15.7
6,433.0	1.41	270.70	6,424.0	-186.2	-1.0	0.22	0.00	-8.98	11.9	-13.9
6,527.0	1.49	283.27	6,517.9	-185.9	-3.3	0.35	0.09	13.37	6.2	-15.9
6,622.0	1.23	284.59	6,612.9	-185.4	-5.5	0.28	-0.27	1.39	3.6	-16.0
6,716.0	0.18	332.14	6,706.9	-185.0	-6.6	1.19	-1.12	50.59	-10.3	-12.7
6,811.0	0.18	263.50	6,801.9	-184.9	-6.8	0.21	0.00	-72.25	7.9	-14.3
6,905.0	0.18	318.16	6,895.9	-184.8	-7.0	0.18	0.00	58.15	-7.4	-14.6
6,999.0	0.09	343.12	6,989.9	-184.6	-7.1	0.11	-0.10	26.55	-13.0	-10.1
7,093.0	0.26	233.70	7,083.9	-184.7	-7.3	0.32	0.18	-116.40	13.7	-9.0
7,187.0	0.26	32.87	7,177.9	-184.6	-7.4	0.54	0.00	169.33	-16.0	3.6
7,281.0	0.35	8.26	7,271.9	-184.1	-7.2	0.17	0.10	-26.18	-16.5	-3.4
7,376.0	0.18	42.54	7,366.9	-183.7	-7.1	0.24	-0.18	36.08	-16.0	6.6
7,470.0	0.09	154.69	7,460.9	-183.7	-7.0	0.24	-0.10	119.31	12.2	12.4
7,564.0	0.09	272.50	7,554.9	-183.8	-7.0	0.16	0.00	125.76	5.2	-16.5
7,659.0	0.18	225.88	7,649.9	-183.9	-7.2	0.14	0.09	-49.49	15.4	-7.5



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #504H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3468.0usft
Site:	Getty 5 Fed Com	MD Reference:	KB = 25 @ 3468.0usft
Well:	#504H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
7,753.0	0.62	226.32	7,743.9	-184.3	-7.7	0.47	0.47	0.47	14.7	-7.7
7,847.0	0.53	241.87	7,837.9	-184.9	-8.4	0.19	-0.10	16.54	11.2	-11.2
7,942.0	0.53	225.18	7,932.9	-185.4	-9.1	0.16	0.00	-17.57	13.1	-7.6
8,036.0	0.79	221.22	8,026.9	-186.2	-9.8	0.28	0.28	-4.21	12.5	-6.7
8,130.0	0.79	232.56	8,120.9	-187.1	-10.8	0.17	0.00	12.06	9.6	-8.9
8,224.0	1.06	219.64	8,214.8	-188.1	-11.9	0.36	0.29	-13.74	9.9	-6.7
8,319.0	1.14	206.54	8,309.8	-189.6	-12.8	0.28	0.08	-13.79	9.3	-4.5
8,413.0	1.06	213.93	8,403.8	-191.2	-13.7	0.17	-0.09	7.86	6.9	-5.5
8,507.0	1.32	202.76	8,497.8	-192.9	-14.6	0.37	0.28	-11.88	5.9	-4.3
8,601.0	1.23	205.22	8,591.8	-194.8	-15.5	0.11	-0.10	2.62	3.6	-4.5
8,696.0	1.32	204.35	8,686.7	-196.8	-16.4	0.10	0.09	-0.92	1.6	-4.4
8,790.0	1.23	214.63	8,780.7	-198.6	-17.4	0.26	-0.10	10.94	-1.3	-4.4
8,884.0	1.32	212.87	8,874.7	-200.3	-18.6	0.10	0.10	-1.87	-3.3	-4.5
8,978.0	1.32	205.31	8,968.7	-202.2	-19.6	0.19	0.00	-8.04	-4.8	-5.0
9,072.0	1.49	218.23	9,062.6	-204.1	-20.8	0.38	0.18	13.74	-8.1	-3.6
9,167.0	1.23	222.19	9,157.6	-205.9	-22.3	0.29	-0.27	4.17	-10.6	-2.9
9,261.0	1.06	243.98	9,251.6	-207.0	-23.7	0.49	-0.18	23.18	-12.7	1.6
9,355.0	1.49	255.23	9,345.6	-207.7	-25.7	0.53	0.46	11.97	-14.2	4.2
9,449.0	1.85	255.41	9,439.5	-208.4	-28.3	0.38	0.38	0.19	-17.0	4.2
9,544.0	1.58	280.28	9,534.5	-208.5	-31.1	0.83	-0.28	26.18	-16.3	11.6
9,638.0	0.70	306.03	9,628.5	-208.0	-32.9	1.06	-0.94	27.39	-11.4	18.1
9,732.0	0.62	1.85	9,722.5	-207.1	-33.3	0.66	-0.09	59.38	7.8	20.1
9,826.0	0.35	16.00	9,816.5	-206.3	-33.2	0.31	-0.29	15.05	11.7	17.7
9,920.0	0.62	112.76	9,910.5	-206.3	-32.7	0.79	0.29	102.94	15.7	-13.4
10,014.0	0.53	100.55	10,004.5	-206.5	-31.8	0.16	-0.10	-12.99	17.3	-9.9
10,109.0	0.18	77.87	10,099.5	-206.6	-31.2	0.39	-0.37	-23.67	19.2	-2.6
10,203.0	0.18	4.57	10,193.5	-206.4	-31.0	0.23	0.00	-77.98	7.8	17.5



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #504H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3468.0usft
Site:	Getty 5 Fed Com	MD Reference:	KB = 25 @ 3468.0usft
Well:	#504H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (")	Azi (azimuth) (")	TVD (usft)	N/S (usft)	EW (usft)	DLeg ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)
10,297.0	0.53	348.31	10,287.5	-205.8	-31.1	0.38	0.37	-17.30	2.0	18.9
10,366.0	0.26	344.53	10,356.5	-205.4	-31.2	0.39	-0.39	-5.48	0.3	19.0
10,411.0	0.44	10.72	10,401.5	-205.1	-31.2	0.53	0.40	58.20	8.4	16.9
10,425.0	1.49	11.28	10,415.5	-204.9	-31.2	7.47	7.47	3.97	8.3	16.9
KOP, MD:10425.0', TVD:10415.5', N/S:-204.9', EW:-31.2', INC:1.49										
10,464.0	4.40	11.43	10,454.4	-202.8	-30.8	7.47	7.47	0.40	6.4	16.8
10,505.0	9.15	2.46	10,495.1	-198.1	-30.3	11.83	11.59	-21.88	0.7	17.3
10,598.0	19.08	354.29	10,585.2	-175.5	-31.5	10.86	10.68	-8.78	-9.5	17.6
10,666.3	25.09	353.60	10,648.4	-150.0	-34.2	8.81	8.80	-1.01	-15.3	19.5
FTP Crossing, MD:10666.3', TVD:10648.4', N/S:-150.0', EW:-34.2', INC:25.09										
10,693.0	27.44	353.41	10,672.4	-138.3	-35.6	8.81	8.80	-0.72	-17.3	20.5
10,787.0	33.77	354.99	10,753.3	-90.7	-40.4	6.79	6.73	1.68	-20.3	25.2
10,881.0	45.29	1.23	10,825.7	-31.0	-41.9	12.95	12.26	6.64	-20.2	28.0
10,975.0	53.02	5.19	10,887.1	39.9	-37.8	8.82	8.22	4.21	-21.4	24.1
11,070.0	58.83	2.55	10,940.3	118.3	-32.6	6.53	6.12	-2.78	-19.2	17.5
11,164.0	69.12	1.05	10,981.5	202.7	-30.0	11.04	10.95	-1.60	-13.8	13.8
11,258.0	77.56	0.09	11,008.4	292.6	-29.1	9.03	8.98	-1.02	-7.8	12.1
11,284.0	80.72	0.00	11,013.3	318.2	-29.1	12.16	12.15	-0.35	-6.0	11.9
11,351.0	87.32	359.91	11,020.3	384.8	-29.1	9.85	9.85	-0.13	-1.6	11.4
11,445.0	85.56	0.70	11,026.1	478.6	-28.6	2.05	-1.87	0.84	4.5	10.1
11,540.0	84.33	3.34	11,034.5	573.1	-25.3	3.06	-1.29	2.78	13.1	6.0
11,634.0	87.32	2.46	11,041.4	666.7	-20.5	3.32	3.18	-0.94	20.2	0.5
11,728.0	90.84	359.82	11,042.9	760.7	-18.7	4.68	3.74	-2.81	21.9	-2.1
11,823.0	90.22	359.65	11,042.0	855.7	-19.1	0.68	-0.65	-0.18	21.3	-2.5
11,917.0	91.36	0.09	11,040.7	949.7	-19.3	1.30	1.21	0.47	20.3	-3.0
12,011.0	91.19	0.26	11,038.6	1,043.6	-19.0	0.26	-0.18	0.18	18.4	-4.0
12,105.0	91.01	0.35	11,036.8	1,137.6	-18.5	0.21	-0.19	0.10	16.9	-5.3



Midland PVA

Company: EOG Resources - Midland			Local Co-ordinate Reference:			Well #504H				
Project: Lea County, NM (NAD 83 NME)			TVD Reference:			KB = 25 @ 3468.0usft				
Site: Getw 5 Fed Com			MD Reference:			KB = 25 @ 3468.0usft				
Well: #504H			North Reference:			Grid				
Wellbore: OH			Survey Calculation Method:			Minimum Curvature				
Design: OH			Database:			EDM 5000.14				
Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	D/Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,199.0	90.75		11,035.4	1,231.6	-17.6	0.54	-0.28	0.47	15.7	-7.0
12,294.0	90.31		11,034.5	1,326.6	-16.2	0.47	-0.46	0.09	15.0	-8.2
12,388.0	89.69	0.53	11,034.5	1,420.6	-15.1	0.76	-0.66	-0.37	15.3	-11.1
12,482.0	90.57	358.86	11,034.3	1,514.6	-15.5	2.01	0.94	-1.78	15.3	-11.3
12,576.0	89.96	358.51	11,033.8	1,608.6	-17.7	0.75	-0.65	-0.37	15.1	-9.9
12,671.0	89.25	358.42	11,034.5	1,703.5	-20.3	0.75	-0.75	-0.09	16.0	-8.2
12,765.0	91.89	357.63	11,033.5	1,797.5	-23.5	2.93	2.81	-0.84	15.4	-5.7
12,859.0	91.45	357.36	11,030.8	1,891.3	-27.6	0.55	-0.47	-0.29	12.9	-2.4
12,954.0	91.19	357.45	11,028.6	1,986.2	-31.9	0.29	-0.27	0.09	10.9	1.2
13,048.0	90.84	357.28	11,027.0	2,080.1	-36.2	0.41	-0.37	-0.18	9.5	4.7
13,142.0	90.48	357.19	11,025.9	2,174.0	-40.8	0.39	-0.38	-0.10	8.7	8.5
13,236.0	90.57	359.38	11,025.0	2,267.9	-43.6	2.33	0.10	2.33	8.1	10.6
13,331.0	89.87	358.68	11,024.6	2,362.9	-45.2	1.04	-0.74	-0.74	8.0	11.4
13,425.0	89.16	358.42	11,025.4	2,456.9	-47.6	0.80	-0.76	-0.28	9.0	13.0
13,519.0	91.45	0.88	11,024.9	2,550.9	-48.1	3.58	2.44	2.62	8.7	12.8
13,613.0	92.59	2.55	11,021.6	2,644.7	-45.3	2.15	1.21	1.78	5.7	9.3
13,707.0	90.57	0.61	11,019.0	2,738.7	-42.7	2.98	-2.15	-2.06	3.3	5.9
13,802.0	88.34	0.26	11,019.1	2,833.7	-42.0	1.35	-1.29	-0.37	3.7	4.4
13,896.0	88.90	0.09	11,020.6	2,927.7	-41.7	0.50	-0.47	-0.18	5.4	3.4
13,989.0	88.55	359.47	11,022.6	3,020.6	-42.1	0.77	-0.38	-0.67	7.6	3.0
14,084.0	88.20	359.56	11,025.3	3,115.6	-42.9	0.38	-0.37	0.09	10.3	3.0
14,178.0	88.02	359.21	11,028.4	3,209.5	-43.9	0.42	-0.19	-0.37	13.3	3.2
14,272.0	90.40	359.03	11,029.7	3,303.5	-45.3	2.54	2.53	-0.19	14.5	3.9
14,367.0	91.10	358.77	11,028.5	3,398.5	-47.2	0.79	0.74	-0.27	13.2	5.0
14,461.0	90.75	358.42	11,027.0	3,492.4	-49.5	0.53	-0.37	-0.37	11.6	6.5
14,555.0	91.01	358.24	11,025.5	3,586.4	-52.2	0.34	0.28	-0.19	10.1	8.5
14,650.0	89.69	359.12	11,024.9	3,681.4	-54.4	1.67	-1.39	0.93	9.5	9.9



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #504H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3468.0usft
Site:	Getty 5 Fed Com	MD Reference:	KB = 25 @ 3468.0usft
Well:	#504H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,744.0	89.52	358.77	11,025.6	3,775.3	-58.1	0.41	-0.18	-0.37	10.1	10.9
14,839.0	89.34	358.68	11,026.5	3,870.3	-58.2	0.21	-0.19	-0.09	10.9	12.2
14,933.0	88.64	358.24	11,028.2	3,964.3	-60.8	0.88	-0.74	-0.47	12.5	14.0
15,027.0	88.72	359.74	11,030.3	4,058.2	-62.4	1.60	0.09	1.60	14.6	14.9
15,121.0	88.64	359.21	11,032.5	4,152.2	-63.3	0.57	-0.09	-0.56	16.7	15.0
15,215.0	90.04	358.68	11,033.6	4,246.2	-65.0	1.59	1.49	-0.56	17.8	16.0
15,309.0	89.87	358.68	11,033.7	4,340.1	-67.2	0.18	-0.18	0.00	17.8	17.4
15,403.0	88.69	358.51	11,034.0	4,434.1	-69.5	0.26	-0.19	-0.18	18.1	18.9
15,498.0	90.57	0.53	11,033.8	4,529.1	-70.3	2.32	0.93	2.13	17.6	18.9
15,592.0	91.71	1.49	11,031.9	4,623.1	-68.6	1.59	1.21	1.02	14.9	16.5
15,686.0	91.54	1.05	11,029.3	4,717.0	-66.5	0.50	-0.18	-0.47	11.3	13.7
15,781.0	91.36	1.05	11,026.9	4,812.0	-64.8	0.19	-0.19	0.00	8.0	11.2
15,875.0	91.19	0.88	11,024.8	4,905.9	-63.2	0.26	-0.18	-0.18	5.1	8.8
15,970.0	89.25	1.23	11,024.4	5,000.9	-61.5	2.08	-2.04	0.37	3.8	6.3
16,064.0	88.90	1.14	11,025.9	5,094.9	-59.5	0.38	-0.37	-0.10	4.4	3.6
16,158.0	88.55	1.49	11,028.0	5,188.8	-57.4	0.53	-0.37	0.37	5.7	0.7
16,252.0	88.11	0.70	11,030.8	5,282.8	-55.6	0.96	-0.47	-0.84	7.5	-1.9
16,346.0	90.04	0.44	11,032.3	5,376.7	-54.6	2.07	2.05	-0.28	8.1	-3.6
16,440.0	90.13	0.09	11,032.1	5,470.7	-54.2	0.38	0.10	-0.37	7.1	-4.8
16,535.0	89.78	0.26	11,032.2	5,565.7	-53.9	0.41	-0.37	0.18	6.3	-5.8
16,629.0	89.16	0.00	11,033.1	5,659.7	-53.7	0.72	-0.66	-0.28	6.3	-6.8
16,723.0	88.55	359.47	11,035.0	5,753.7	-54.1	0.86	-0.65	-0.56	7.3	-7.2
16,817.0	90.13	359.47	11,036.0	5,847.7	-55.0	1.68	1.68	0.00	7.5	-7.0
16,911.0	90.31	359.56	11,035.7	5,941.7	-55.8	0.21	0.19	0.10	6.2	-7.0
17,005.0	90.40	359.38	11,035.1	6,035.7	-56.7	0.21	0.10	-0.19	5.0	-6.9
17,099.0	90.31	358.68	11,034.5	6,129.7	-58.3	0.75	-0.10	-0.74	4.3	-6.1
17,193.0	89.78	358.51	11,034.4	6,223.6	-60.6	0.59	-0.56	-0.18	4.1	-4.5



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #504H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3468.0usft
Site:	Getty 5 Fed Com	MD Reference:	KB = 25 @ 3468.0usft
Well:	#504H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (")	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,288.0	89.78	357.63	11,034.8	6,318.6	-63.8	0.93	0.00	-0.93	4.3	-2.1
17,382.0	89.43	358.86	11,035.5	6,412.5	-66.6	1.36	-0.37	1.31	4.9	0.0
17,476.0	88.81	357.71	11,036.9	6,506.5	-69.5	1.39	-0.66	-1.22	6.2	2.0
17,571.0	88.90	358.77	11,038.8	6,601.4	-72.4	1.12	0.09	1.12	8.0	4.2
17,665.0	91.01	358.07	11,038.9	6,695.4	-75.0	2.36	2.24	-0.74	7.9	6.0
17,759.0	91.36	358.07	11,036.9	6,789.3	-78.1	0.37	0.37	0.00	5.9	8.4
17,854.0	91.10	358.24	11,034.9	6,884.2	-81.2	0.33	-0.27	0.18	3.7	10.7
17,948.0	89.43	357.19	11,034.5	6,978.1	-84.9	2.10	-1.78	-1.12	3.2	13.7
18,042.0	90.40	359.03	11,034.6	7,072.1	-88.0	2.21	1.03	1.96	3.2	16.0
18,136.0	90.04	0.18	11,034.2	7,166.1	-88.7	1.28	-0.38	1.22	2.7	15.9
18,231.0	89.60	359.38	11,034.5	7,261.1	-89.0	0.96	-0.46	-0.84	2.9	15.5
18,330.0	88.90	359.38	11,035.8	7,360.1	-90.1	0.71	-0.71	0.00	4.1	15.7
Last MWD Survey (MD=18330.0')										
18,528.0	88.90	359.38	11,039.6	7,558.0	-92.3	0.00	0.00	0.00	7.6	16.3
Projection to Bit (MD=18528.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		N/S (usft)	E/W (usft)	
10,425.0	10,415.5	-204.9	-31.2	KOP, MD:10425.0', TVD:10415.5', N/S:-204.9', E/W:-31.2', INC:1.49
10,666.3	10,648.4	-150.0	-34.2	FTP Crossing, MD:10666.3', TVD:10648.4', N/S:-150.0', E/W:-34.2', INC:25.09
18,330.0	11,035.8	7,360.1	-90.1	Last MWD Survey (MD=18330.0')
18,528.0	11,039.6	7,558.0	-92.3	Projection to Bit (MD=18528.0')

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)

Getty 5 Fed Com #504H

Plan #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

WELL DETAILS: #504H

KB = 25 @ 3468.0usft 3443.0
Northing 420206.00 Easting 770882.00 Latitude 32° 9' 10.984 N Longitude 103° 35' 29.807 W

SECTION DETAILS

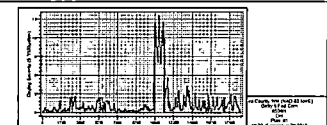
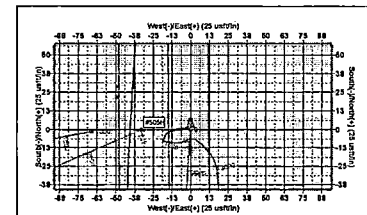
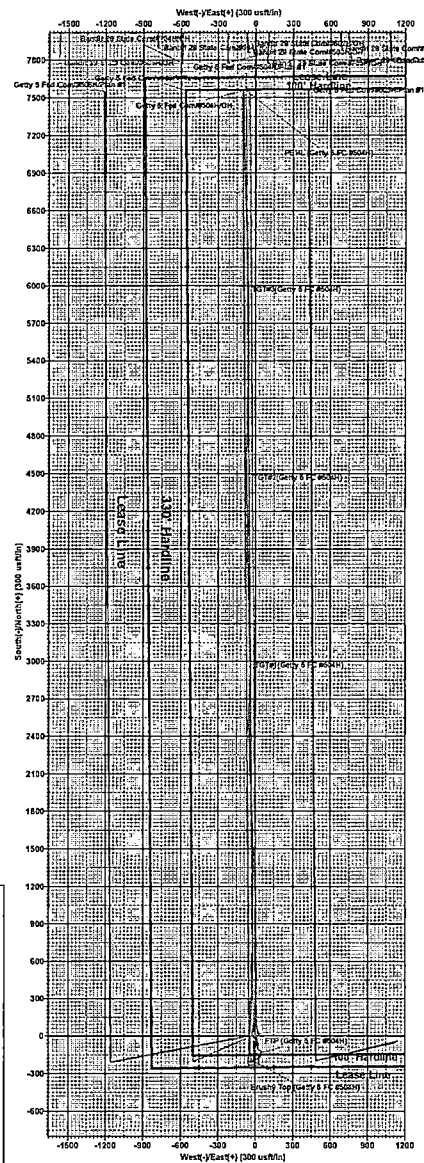
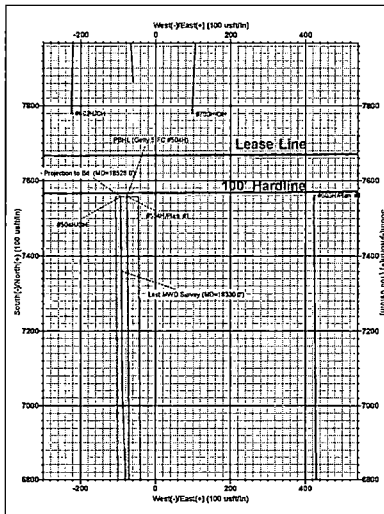
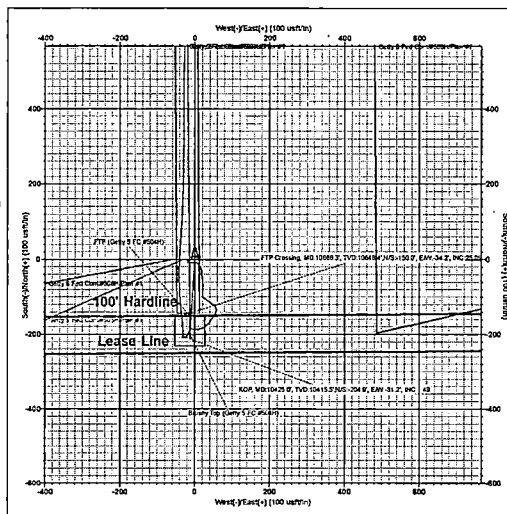
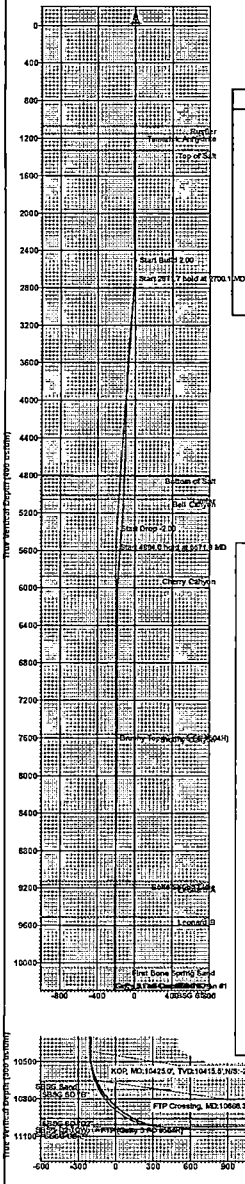
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	2700.1	4.00	183.72	2699.9	-7.0	-0.5	2.00	183.72	-7.0	
4	5371.7	4.00	183.72	5365.1	-193.0	-12.5	0.00	0.00	-192.9	
5	5571.8	0.00	359.56	5555.0	-200.0	-13.0	2.00	180.00	-199.9	
6	10455.8	0.00	359.56	10449.0	-200.0	-13.0	0.00	359.56	-199.9	
7	11357.4	30.15	359.54	11022.0	374.5	-17.7	10.00	359.54	374.6	
8	13982.8	30.15	359.54	11015.0	2899.8	-39.0	0.00	0.00	3009.0	TGT#1 (Getty 5 FC #504H)
9	13982.3	89.96	359.54	11015.0	3009.3	-39.0	2.00	180.00	3009.6	
10	15482.7	89.96	359.54	11016.0	4499.7	-51.1	0.00	0.00	4500.0	TGT#2 (Getty 5 FC #504H)
11	15507.8	89.46	359.54	11015.1	4524.7	-51.3	2.00	-180.00	4525.0	
12	16982.9	89.46	359.54	11030.0	5999.7	-63.3	0.00	0.00	6000.0	TGT#3 (Getty 5 FC #504H)
13	17006.3	89.93	359.53	11030.1	6023.1	-63.5	2.00	-0.37	6023.5	
14	18541.2	89.93	359.53	11032.0	7558.0	-76.0	0.00	0.00	7558.4	PBHL (Getty 5 FC #504H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
TGT#1 (Getty 5 FC #504H)	11015.0	2999.8	-39.0	42205.80	770843.65
TGT#2 (Getty 5 FC #504H)	11016.0	4499.7	-51.1	424705.70	770830.88
TGT#3 (Getty 5 FC #504H)	11015.0	5999.7	-63.3	425205.70	770818.72
PBHL (Getty 5 FC #504H)	11032.0	7558.0	-76.0	427764.00	770806.00
Brushy Top (Getty 5 FC #504H)	7661.0	-200.0	-13.0	420006.00	770869.60
FTP (Getty 5 FC #504H)	11022.0	-150.0	-13.0	420056.00	770869.60



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMNM118726

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 28. Well Name and No.
GETTY 5 FED COM 504H9. API Well No.
30-025-46214-00-X110. Field and Pool or Exploratory Area
TRISTE DRAW-BONE SPRING11. County or Parish, State
LEA COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EOG RESOURCES INCORPORATED

Contact: KAY MADDOX

E-Mail: kay_maddox@eogresources.com

3a. Address

PO BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-686-3658

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 5 T25S R33E SWSE 249FSL 1816FEL
32.153049 N Lat, 103.591614 W Lon**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 Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ 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 recompleting 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 recompleting 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.

10/02/2019 RIG RELEASED

10/05/2019 MIRU PREP TO FRAC, TEST VOID 5000 PSI, SEALS & FLANGES TO 8500 PSI

01/23/2020 BEGIN PERF & FRAC

02/03/2020 FINISH 25 STAGES PERF & FRAC 11,166 - 18,506', 1500 3 1/8" SHOTS FRAC 18,040,575 LBS

PROPPANT, 300,911 BBLs LOAD FLUID

02/05/2020 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE

03/03/2020 OPENED WELL TO FLOWBACK - DATE OF FIRST PRODUCTION

WILL RUN TBG AND GAS LIFT VALVES WITHIN 3-6 MONTHS, WILL SUBMIT SUNDRY AT THAT TIME LISTING TBG DEPTH.

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

Electronic Submission #507455 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/18/2020 (20PP1728SE)

Name (Printed/Typed) KAY MADDOX

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 03/17/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJONATHON SHEPARD
Title PETROELUM ENGINEER

Date 03/31/2020

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 #507455

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	STARTUP SR	STARTUP SR
Lease:	NMNM118726	NMNM118726
Agreement:		
Operator:	EOG RESOURCES, INC PO BOX 2267 ATTENTION; KAY MADDOX MIDLAND, TX 79702 Ph: 432-686-3658	EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689
Admin Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Tech Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	TRISTE DRAW;BONE SPRING,E	TRISTE DRAW-BONE SPRING
Well/Facility:	GETTY 5 FEDERAL COM 504H Sec 5 T25S R33E Mer NMP SWSE 249FSL 1816FEL 32.153050 N Lat, 103.591611 W Lon	GETTY 5 FED COM 504H Sec 5 T25S R33E SWSE 249FSL 1816FEL 32.153049 N Lat, 103.591614 W Lon

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: 03/20/2020

☐ Original Operator & OGRID No.: EOG Resources Inc 7377
☒ Amended - Reason for Amendment: COMPLETED WELL

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
GETTY 5 FEDERAL COM #504H	30-025-46214	SEC 05 T25S R33E	249' FSL & 1816' FEL	4400 MCFD	565 mcf total flared	New Well

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to ENTERPRISE & REGENCY and will be connected to EOG Resources Inc low/high pressure gathering system located in LEA County, New Mexico. It will require N/A' of pipeline to connect the facility to low/high pressure gathering system. EOG Resources Inc provides (periodically) to ENTERPRISE & REGENCY a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, EOG Resources Inc and ENTERPRISE & REGENCY have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at ENTERPRISE & REGENCY Processing Plant located in LEA County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on ENTERPRISE & REGENCY system at that time. Based on current information, it is EOG Resources Inc belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

Intent ☐ As Drilled ☒ XXX

API # 30-025-46214			
Operator Name: EOG RESOURCES, INC		Property Name: GETTY 5 FEDERAL COM	Well Number 504H

Kick Off Point (KOP)

UL O	Section 05	Township 25S	Range 33E	Lot	Feet 45	From N/S SOUTH	Feet 1849	From E/W EAST	County LEA
Latitude 32.1524881					Longitude 103.5917168				NAD 1983

First Take Point (FTP)

UL O	Section 05	Township 25S	Range 33E	Lot	Feet 455	From N/S SOUTH	Feet 1844	From E/W EAST	County LEA
Latitude 32.1536152					Longitude 103.5917036				NAD 1983

Last Take Point (LTP)

UL J	Section 32	Township 24S	Range 33E	Lot	Feet 2508	From N/S SOUTH	Feet 1846	From E/W EAST	County LEA
Latitude 32.1737692					Longitude 103.5917411				NAD 1983

Is this well the defining well for the Horizontal Spacing Unit? ☐ NO

Is this well an infill well? ☐ YES

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

API # 30-025-46213			
Operator Name: EOG RESOURCES, INC		Property Name: GETTY 5 FEDERAL COM	Well Number #503H

KZ 06/29/2018

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702		² OGRID Number 7377
		³ Reason for Filing Code/ Effective Date RT 03/03/2020
⁴ API Number 30 - 025-46214	⁵ Pool Name TRISTE DRAW; BONE SPRING, EAST	⁶ Pool Code 96682
⁷ Property Code 325943	GETTY 5 FEDERAL COM	⁹ Well Number 504H

II. ¹⁰ Surface Location

UL or lot no. O	Section 05	Township 25S	Range 33E	Lot Idn	Feet from the 249'	North/South SOUTH	Feet from the 1816'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. J	Section 32	Township 24S	Range 33E	Lot Idn	Feet from the 2530'	North/South SOUTH	Feet from the 1846'	East/West line EAST	County LEA
--------------------	---------------	-----------------	--------------	---------	------------------------	----------------------	------------------------	------------------------	---------------

¹² Lse Code F	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SRVICES, LLC	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 08/19/2019	²² Ready Date 03/03/2020	²³ TD 18,528'	²⁴ PBDT 18,506'	²⁵ Perforations 11,166-18,506'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1,186'	900 SXS CL C CMT/CIRC		
12 1/4"	9 5/8"	4,946'	1880 SXS CL C CMT/CIRC		
8 3/4"	5 1/2"	21,330'	2512 SXS CLC&H/TOC 4090' CBL		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:



OIL CONSERVATION DIVISION,

Approved by:

Printed name:

Kay Maddox

Title:

Title:
Regulatory Specialist

Approval Date:

E-mail Address:

Kay_Maddox@eogresources.com

Date:

03/20/2020

Phone:

432-686-3658

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702		² OGRID Number 7377
		³ Reason for Filing Code/ Effective Date NW 03/03/2020
⁴ API Number 30-025-46214	⁵ Pool Name TRISTE DRAW; BONE SPRING, EAST	⁶ Pool Code 96682
⁷ Property Code 325943	GETTY 5 FEDERAL COM	⁹ Well Number 504H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
O	05	25S	33E		249'	SOUTH	1816'	EAST	LEA

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
J	32	24S	33E		2530'	SOUTH	1846'	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
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²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1,186'	900 SXS CL C CMT/CIRC		
12 1/4"	9 5/8"	4,946'	1880 SXS CL C CMT/CIRC		
8 3/4"	5 1/2"	21,330'	2512 SXS CLC&H/TOC 4090' CBL		

V. Well Test Data

³¹ Date New Oil 03/03/2020	³² Gas Delivery Date 03/03/2020	³³ Test Date 03/08/2020	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 761
³⁷ Choke Size 94	³⁸ Oil 3163	³⁹ Water 8885	⁴⁰ Gas 4683	⁴¹ Test Method	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Kay Maddox*

Printed name:
Kay Maddox

Title:
Regulatory Specialist

E-mail Address:
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Date: 03/20/2020 Phone: 432-686-3658

OIL CONSERVATION DIVISION

Approved by: Patricia Martinez

Title: LM

Approval Date: 04/02/2020