1625 N. French Dr., Hobbs, NM 88240

District II 811 S. First St., Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources

Revised August 1, 2011

**Page 1 of 18** Form C-104

Submit one copy to appropriate District Office

Oil Conservation Division 1220 South St. Francis Dr.

	I.	REQU	EST FO	R ALL	<b>OWABL</b> DI	MNDSAUT	OH	<b>RIZATION</b>	TO T	<u> TRANSF</u>	PORT
<sup>1</sup> Operator n	ame and	Address						<sup>2</sup> OGRID Nun	nber		
EOG RE	SOURC	ES INC							73	377	
PO BOX								<sup>3</sup> Reason for Filing Code/ Effective Date			
MIDLANI	MIDLAND, TEXAS 79702									15/2020	
<sup>4</sup> API Numbe	er	<sup>5</sup> Poo	l Name						6 Pc	ool Code	
30 - 025-4	7495		WC	25 G08	S253235G;	LOWER B	ONE	SPRING		9790	KZ
<sup>7</sup> Property C	ode	8 Pro	perty Nan	ne				<sup>9</sup> Well Number			
328934				P	ANZA 36 FE	DERAL CO	DM	501H			
II. 10 Su	rface Lo	cation									
Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Line	Feet from the	East/	West line	County
D	36	25S	32E		696	NORTH	1	496	W	EST	LEA
<sup>11</sup> Bo	ttom Ho	le Locati	on							SL	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	line	Feet from the	East/	West line	County
Р	25S	32E		SOUTH	ł	488	EA	AST	LEA		
12 Lse Code		cing Method		onnection	<sup>15</sup> C-129 Pern	nit Number	<sup>16</sup> (	C-129 Effective	Date	<sup>17</sup> C-12	9 Expiration Date

III. Oil and Gas Trainsporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

TV. VVCII COII	Wen Completion Data					
<sup>21</sup> Spud Date	<sup>22</sup> Re	eady Date	<sup>23</sup> TD	<sup>24</sup> PBTD	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
07/31/2020	11/	/15/2020	15,828'	15,805'	11,186 - 15,80	5'
<sup>27</sup> Hole Siz	e	<sup>28</sup> Casing	& Tubing Size	<sup>29</sup> Depth Set		30 Sacks Cement
17 1/2"		1	3 3/8"	863'	;	800 SXS CL C/CIRC
12 1/4"		9	5/8"	4702'	1	675 SXS CL C/CIRC
8 1/2"		5	1/2"	15,828'	1970	SXS CL H TOC 6510' CBL

V. Well Test Data

31 Date New Oil	32 Gas De	elivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length		<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure			
11/15/2020	11/15	/2020	11/18/2020	24			1002			
<sup>37</sup> Choke Size	38	Oil	<sup>39</sup> Water	<sup>40</sup> Gas			<sup>41</sup> Test Method			
48	2	2401	4781	4607						
<sup>42</sup> I hereby certify the been complied with a complete to the best	and that the	information giv		C	OIL CO	NSERVATION DIVIS	SION			
Signature:	/laddox	C		Approved by:	PA	TRICIA MARTI	NEZ			
Printed name: K	ay Maddox			Title:	LM	I II				
Title: SENIOR RE	EGULATOR	Y SPECIALIS		Approval Date: 3/4/2021						
E-mail Address: kay_mad	ddox@eogre	esources.com								
Date: 12/17/2020	)	Phone: 432-6	338-8475							

District 1
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

<sup>1</sup>API Number

30-025-47495

Property Code

OGRID No.

7377

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

9Elevation

3389

SI.

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code
97903
WC-025 G-08 S253235G; LWR BONE SPRING
Well Number
PANZA 36 FED COM
501H

EOG RESOURCES, INC.

10 Surface Location

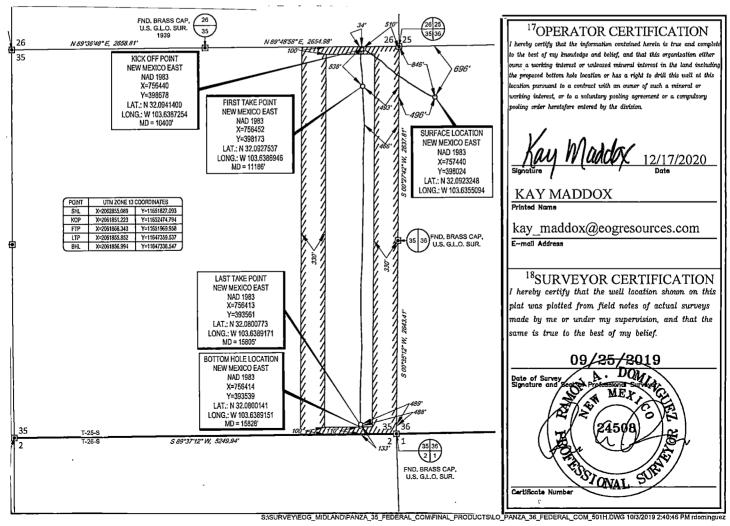
Operator Name

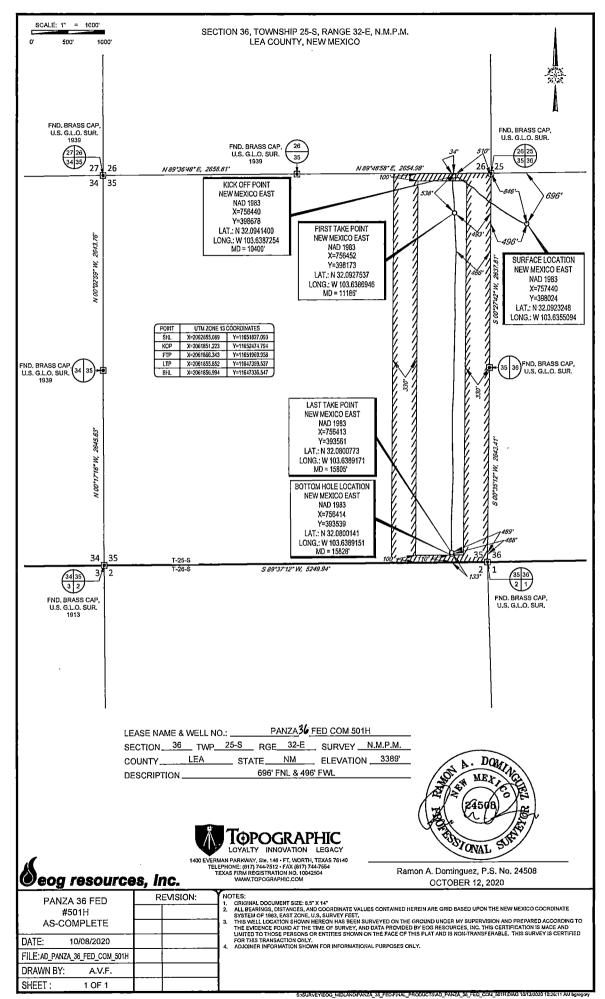
UL or lot no. Section Township Feet from the North/South line Feet from the East/West line County 36 696 NORTH 496' D 25-S 32-EWEST LEA

<sup>11</sup>Bottom Hole Location If Different From Surface

UL or lot no. Township Feet from the North/South lin East/West lin Lot Id: Feet from the Section Rang 4881 35 25-S 110' SOUTH **EAST** LEA P 32-E Joint or Infill Order No. Dedicated Acres Consolidation Code 160.00

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.







# **EOG Resources - Midland**

Lea County, NM (NAD 83 NME) Panza 36 Fed Com #501H OH

Design: OH

## **Final PVA**

14 September, 2020



Final PVA

Project: L Site: F Well: # Wellbore: C	OG Resources - Midl ea County, NM (NAD Panza 36 Fed Com 501H DH Lea Count		The second secon	Andrew Agency State	TVD Reference MD Reference North Referen	<b>:</b>	Well #501H KB = 32' @ 3421.0usft KB = 32' @ 3421.0usft Grid Minimum Curvature EDM 5000.14	
Map System: Geo Datum: Map Zone:	US State Plane 194 North American Da New Mexico Easter	tum 1983		aleria, aleksista vaatailisuus sii ta alees	System Datu	m:	Mean Sea Level	Takan katin Tungka tingga tan bahar di Katin bahar
Site	Panza 36	Fed Com	nangar a napana anaganan arab da asawa na a anagan anagan	gan an nga aga nga nga an a a a a a a a	and one was recovery removed the consequence of	uni man ham men man ham ham man ham man.		
Site Position: From: Position Uncertaint	Map y: C	0.0 usft	Northing: Easting: Slot Radius	:	398,024.00 usft 757,440.00 usft 13-3/16 "	Latitude; Longitude; Grid Conve		32° 5′ 32.371 N 103° 38′ 7.833 W 0.37 °
Well	#501H	in a standard of magnetic son of		eri veja v se s s som s Listopia	e er gjejnik gjanek er 2		e e se e e se se se e e e e e e e e e e	e de la companya de La companya de la co
Well Position  Position Uncertaint	+N/-S +E/-W	0.0 usft 0.0 usft 0.0 usft	Northing: Easting: Wellhead Elevi	757	,024.00 usft ,440.00 usft usft		Latitude: Longitude: Ground Level:	32° 5' 32.371 N 103° 38' 7.833 W 3,389.0 usft
Wellbore	∴ (¿OH	a quara ara ana antica		agan agipu - a saar anaalii i	and the second of the second	and the second section of the section o		
Membore				<u> </u>		<u> </u>		the state of the s
Magnetics	Model Name	Sample Date	Declination (*)	Dip Angle	Fie	ld Strength (nT)		
	IGRF2	015 10/7/2019	6.72		59.90	17,616.72003790	· · · · · · · · · · · · · · · · · · ·	
Design	, (TOH)	The second contract of			<del></del>		en en gran iç en Miljan en de la	
Audit Notes:	and the second s	alligarian et appellant fra Sangaria (Alberta), espera par llegaria (Alberta).			din - madin - termina - man	مع د ده مسسسه کیکسیکسید	ara and a substitute of the su	چەرىپىيەد 2016-يۇلىرىڭ ئۇغىيىلاسىيەر شىندىنەسىسىت
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0			
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	.+E/-W (usft)	Direction (°)	S - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	к к	,
		0.0	0.0	0.0	193.03			
Survey Program From (usft)	Date 9/1 To (usft) Sur	4/2020 vey (Wellbore)	Tool Name	Descrip			and the second s	

9/14/2020 10:43:57AM Page 2 COMPASS 5000.15 Build 91

EOG MWD+IFR1

213.0

15,828.0 Total MWD #1 (OH)



Final PVA

EOG Resources - Midland Lea County, NM (NAD 83 NME)

Panza 36 Fed Com #501H

Well: ОН Wellbore: ОН Design:

Company: Project:

Site:

Local Co-ordinate Reference: TVD Reference: MD Reference:

North Reference:

Survey Calculation Method: Database:

Well #501H

KB = 32' @ 3421.0usft KB = 32' @ 3421.0usft

Grid

Minimum Curvature EDM 5000.14

Survey	poster and assert and a	an pagaman na araba arang kanana hagi na ka an araba araba araba araba ar araba araba ar			erana de esta esta esta esta en		The second type from a property of the second	e jaron era	e de company de compan	er og er
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)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0,00	0.00	0.0	0.0
213.0	0,10	274.10	213.0	0.0	-0.2	0.05	0.05	0.00	-0.2	0.0
397.0	. 0.10	112.30	397.0	0.0	-0.2	0.11	0.00	-87.93	0.2	-0.1
489.0	0.30	105.60	489.0	-0.1	0.1	0,22	0.22	-7.28	-0.1	-0.1
581.0	0.70	90.50	581.0	-0.2	0.9	0.45	0.43	-16.41	-0.9	-0.2
673,0	0.80	86.80	673.0	-0.2	2.1	0.12	0.11	-4.02	-2.1	-0.3
768.0	0.90	81.00	768.0	0.0	3.5	0.14	0.11	-6.11	-3.5	-0.6
862.0	0.40	87.40	862.0	0.1	4.6	0.54	-0.53	6.81	-4.6	-0.1
957.0	1.80	291.60	957.0	0.7	3.5	2.29	1.47	-164.00	3.0	-1.9
1,052.0	3.90	287.40	1,051.8	2.2	-1.0	2.22	2.21	-4.42	0.3	-1.3
1,147.0	6.10	283.40	1,146.5	4.3	-9.0	2.34	2.32	-4.21	-3.0	0.2
1,242.0	8.30	281.30	1,240.7	6.8	-20,6	2.33	2.32	<b>-2.21</b>	-7.3	3.0
1,337.0	10.50	281.50	1,334.4	9.9	-35.8	2.32	2.32	0.21	-12.2	7.2
1,432.0	11.90	289.10	1,427.6	14.8	-53.5	2.14	1.47	8.00	-15.4	13.3
1,527.0	12.50	294.50	1,520.5	22,3	-72.2	1.36	0.63	5.68	-17.0	18.1
1,621.0	12.50	298.80	1,612.3	31.4	-90.3	0.99	0.00	4.57	-18.1	21.3
1,811.0	12,50	301,30	1,797.8	52.0	-125.9	0.28	0.00	1.32	-22,1	23.9
2,002.0	11.90	302,10	1,984.4	73.2	-160.3	0,33	-0.31	0.42	-25.8	24.9
2,191.0	11.30	300,30	2,169.6	92.9	-192.8	0.37	-0.32	-0.95	-28.5	25.0
2,286.0	11.30	300.50	2,262.7	102.3	-208.8	0.04	0.00	0.21	-28.9	25.9
2,381.0	11.10	300.10	2,355.9	111.7	-224.7	0.23	-0.21	-0.42	-29.5	26.5
2,476.0	10.90	298,60	2,449.2	120.5	-240.5	0.37	-0.21	-1.58	-30.2	26.8
2,570.0	10.90	302.50	2,541.5	129.6	-255.8	0.78	0.00	4.15	-28.2	29.4
2,665.0	10.90	305.10	2,634.8	139.6	-270.8	0.52	0.00	2.74	-26.7	30.3
2,760.0	10.60	304.30	2,728.1	149.6	-285.3	0.35	-0.32	-0.84	-26.7	29.3
2,855.0	10.20	303.10	2,821.5	159,2	-299.6	0.48	-0.42	-1.26	-26.3	28.5
2,950.0	9.90	300.90	2,915.1	168.0	-313.6	0,51	-0.32	-2.32	-25.7	27.8

9/14/2020 10:43:57AM Page 3 COMPASS 5000.15 Build 91



Final PVA

Company: Project: Site:

EOG Resources - Midland Lea County, NM (NAD 83 NME)

Panza 36 Fed Com

Well: #501H Wellbore: Design: Ю

Local Co-ordinate Reference: TVD Reference:

KB = 32' @ 3421.0usft KB = 32' @ 3421.0usft MD Reference: North Reference: Grid

Well #501H

: Minimum Curvature Survey Calculation Method:

EDM 5000.14 Database:

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)
3,045.0	9.70	299.40	3,008.7	176.1	-327.6	0.34	-0.21	-1.58	-24,5	27.
3,140.0	10.50	300,20	3,102.2	184.4	-342.1	0.85	0.84	0.84	-22.6	29.
3,235.0	11.60	304.30	3,195.5	194.1	-357.5	1.42	1.16	4.32	-20.6	30.
3,330.0	11.80	306.50	3,288.5	205.3	-373.2	0.51	0.21	2.32	-20.6	30.
3,425.0	11.30	305.70	3,381.6	216.5	-388.5	0.55	-0.53	-0.84	-22.0	29.
3,520.0	10.70	307.20	3,474.8	227.2	-403.1	0.70	-0.63	1.58	-21.2	28.
3,615.0	10.40	307.70	3,568.2	237.8	-416.9	0.33	-0.32	0.53	-20.3	27.
3,710.0	10.00	309.10	3,661.7	248.2	-430.1	0.50	-0.42	1.47	-18.4	26.
3,805.0	10.10	301.50	3,755.3	257.8	-443.6	1.40	0.11	-8.00	-20.0	22
3,900.0	10.20	299.90	3,848.8	266.3	-458.0	0.31	0.11	-1.68	-19.3	23
3,995.0	11.20	300.50	3,942.1	275.2	-473.2	1.06	1.05	0.63	-18.5	24
4,089.0	11.50	298.40	4,034.3	284.3	-489.3	0.54	0.32	-2.23	-20.0	24
4,184.0	10.90	299.50	4,127.5	293.2	-505.5	0.67	-0.63	1.16	-19.9	26.
4,279.0	10.90	307.00	4,220.8	303.1	-520.5	1.49	0.00	7.89	-16.2	28
4,374.0	10.20	312.30	4,314.2	314.1	-533,9	1.26	-0.74	5.58	-13.1	27
4,469.0	8.80	316.60	4,407.9	325.1	-545.1	1.65	-1.47	4.53	-9.0	24
4,564.0	8.20	319.20	4,501.8	335.5	-554.5	0.75	-0.63	2.74	-4.4	20
4,637.0	7.60	319.00	4,574.1	343.1	-561.1	0.82	-0.82	-0.27	-1,1	16
4,764.0	10.10	305.70	4,699.6	355.9	-575.6	2.53	1.97	-10.47	0.2	12
4,858.0	9.40	304.90	4,792.3	365.1	-588.6	0.76	-0.74	-0.85	2.0	11
4,953.0	9.70	303.10	4,885.9	373.9	-601.7	0.45	0.32	-1.89	4.1	11
5,048.0	11.30	307.30	4,979.3	383.9	-615.8	1.87	1.68	4.42	5.7	10
5,143.0	11.60	309.10	5,072.5	395.6	-630.6	0.49	0.32	1.89	5.2	8
5,238.0	12.30	310.40	5,165.4	408.2	-645.7	0.79	0.74	1.37	3,6	5
5,333.0	12.20	315.60	5,258.2	421.9	-660.5	1.17	-0.11	5.47	1.6	2
5,428.0	11.80	316.40	5,351.2	436.1	-674.2	0.46	-0.42	0.84	-0.5	-1
5,523.0	12.00	318.20	5,444.1	450.5	-687.5	0.44	0.21	1.89	-2.7	

9/14/2020 10:43:57AM COMPASS 5000.15 Build 91 Page 4

# EOG Resources Final PVA

E. Chartolacus Multalius (P. Chartolacus Multalius)  E. Shortolacus Multalius (P. Cha	TVD Reference: MD Reference: MORTH Reference: Survey Calculation Method: Database: 1.10 0.74 0.00 2.92 0.032 0.49 0.21 1.81 1.58 0.91 0.53	KB = 32' @ 3421.00 KB = 32' @ 3421.00 Grid Minimum Curvature EDM 5000.14 Turn (*/100usft) -4.04 1.05 -14.74 0.42 2.55 -4.84 3.68 3.68 3.68	(usft) 1.0 Plan (usft) -3.7 -4.8 -0.7 -0.4 1.4 1.2 1.2 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	Right to Plan (usft) 10.6 14.3 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5
Fanca 36 Fed Com  - The Com  - Th	Build (**Priority Method: e:	Cond Animum Curvature EDM 5000.14  Turn (*7100usft) 4.04  1.05  -14.74  0.42  2.55  4.84  3.68  3.68	usft)  4.8  -0.7  0.4  1.4  1.2  1.2  -1.0  -2.0  -2.0	시 : 중 :)
#501H  MD  Inc  Azi (azimuth)  TO  (usrt)  (us	Build (**Pigousti)	Grid - Minimum Curvative - EDM 5000.14 - Turn - (*1100usft) - 1.05 - 14.74 - 0.42 - 2.55 - 4.84 - 3.58 - 3.58 - 3.58	3.7 9.7 9.7 9.7 9.3 9.3 9.8 9.8 9.8	d
MD         inc         Azi (azrimutth)         TVD         N/S         E/M           5,712.0         11,30         314,40         5,582.3         464.2         70.0.6           5,712.0         11,30         314,40         5,582.3         477.4         713.8           5,902.0         10,10         301,40         5,722.7         488.5         727.6           5,908.0         10,10         301,40         5,732.7         488.5         727.6           6,091.0         11,40         304,20         5,908.7         606.2         755.7           6,091.0         11,40         303,10         6,095.1         515.5         770.6           6,186.0         11,40         303,10         6,085.1         515.5         770.6           6,470.0         11,50         306,90         6,188.2         547.8         181.7           6,560.0         11,40         307.70         6,280.2         547.8         181.7           6,560.0         11,40         307.70         6,280.2         547.8         181.7           6,560.0         10,40         312.80         6,480.7         516.6         181.7           6,560.0         10,40         312.80         6,480.7	E :	Tum (*/100usft) -4.04 1.05 -14.74 0.42 2.55 4.84 3.68 3.68 3.68 3.68 3.68 3.68 3.68 3.68	3.7 4.8 0.7 1.4 3.3 3.3 3.8 3.8	
MD         Inc         Azi (azrimuth)         TVD         MS         ENV         D.eag           5,617.0         11.30         314.40         5,536.2         464.2         -700.6         1710.0ustrl)         1700.ustrl)         1700.ustrl)         1700.custrl)	Build (*//00ust) 1.10 (*//00ust) 2.92 0.32 0.49 1.181 0.91 0.91	Tum ("/100usty)   4.04   1.05   1.05   1.474   0.42   2.55   2.55   4.84   4.00   4.00   4.00   4.00   8.55   3.58	3.7 9.7 9.7 9.3 3.3 1.0 1.0 3.8	l <del>6</del>
inc         Azi lazimuth)         TVD         NIS         EMM         DLeg           (7)         (7)         (4871)         (4871)         (4871)         (4871)         (148	Build (7100ust) 1.10 (7100ust) 2.02 2.92 0.49 1.81 1.81 0.91	Tum (*/100usft)	3.7 6.4 8.4 9.4 1.4 1.0 2.0 3.8	(ust) (105)
(617.0         11.30         314.40         5,536.2         464.2         700.6           (317.0         11.30         315.40         5,536.2         467.2         700.6           (307.0         10.40         301.40         5,722.7         488.5         772.6           (302.0         10.40         301.40         5,722.7         488.5         772.6           (396.0         9.90         304.20         5,008.7         506.2         775.7           (391.0         11.40         307.20         6,095.1         515.5         770.6           (391.0         11.50         308.30         6,188.2         525.4         770.6           (391.0         11.50         307.70         6,280.3         571.6         -845.4           (470.0         11.30         311.10         6,373.4         598.6         -845.4           (470.0         11.30         311.10         6,380.3         571.6         -845.4           (470.0         11.40         307.70         6,280.3         571.6         -845.4           (470.0         11.40         307.70         6,280.3         571.6         -845.4           (470.0         10.40         31.20         6,560.2	1.10 0.21 2.39 0.33 0.49 1.81 0.91	· · ·	į.	
11.30         315.40         5,629.3         477.4         -713.8           10.40         301.40         5,722.7         488.5         -727.6           10.10         301.80         5,916.7         488.5         -727.6           11.40         304.20         5,908.7         566.2         -755.7           11.40         304.20         6,002.1         515.5         -770.6           11.50         305.90         6,188.2         536.5         -770.6           11.40         307.70         6,280.3         547.8         -802.8           11.40         307.70         6,280.3         547.8         -817.6           10.40         311.10         6,373.4         598.6         -892.0           10.40         312.80         6,486.7         571.6         -845.4           10.40         301.20         6,486.7         571.6         -845.4           10.20         288.6         6,580.5         580.3         -887.7           9.70         305.70         6,389.9         607.5         -901.0           9.50         306.70         7,202.0         633.0         -904.4           9.70         289.70         7,203.0         640.6		7	4, 8 0, 7 0, 7 1, 4 1, 5 1, 0 1, 0 1, 0 1, 0 1, 0 1, 0 1, 0 1, 0	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
10.40         301.40         5,722.7         488.5         727.6           10.10         301.80         5,816.1         497.3         -742.0           9.30         304.20         5,908.7         506.2         -765.7           11.40         303.10         6,095.1         565.2         -770.6           11.50         303.10         6,095.1         525.4         -770.6           11.50         306.90         6,188.2         536.5         -770.6           11.30         307.70         6,280.3         547.8         -817.6           10.40         307.70         6,280.3         547.8         -817.6           10.40         311.80         6,486.7         571.6         -845.4           10.40         312.80         6,486.7         571.6         -845.4           10.40         307.20         6,580.6         590.3         -817.6           9.70         305.40         6,580.6         590.3         -817.6           9.70         306.70         6,339.5         607.5         -910.0           9.70         299.70         7,120.0         633.0         -913.8           9.70         308.30         7,493.0         640.6         -9		7	0.7 4.1 0 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
10.10         301.80         5,916.1         497.3         -742.0           9.30         304.20         5,908.7         566.2         -756.7           11.40         303.10         6,002.1         516.5         -770.6           11.50         303.10         6,035.1         525.4         -770.6           11.50         306.90         6,188.2         536.5         -802.8           11.40         307.70         6,280.3         547.8         -817.6           10.40         311.10         6,373.4         569.6         -832.0           10.40         312.80         6,466.7         571.6         -845.4           10.40         307.20         6,580.6         580.9         -882.0           10.20         286.00         6,683.6         590.3         -887.7           9.70         305.70         6,746.2         598.6         -887.7           9.70         306.70         6,339.9         607.5         -901.0           9.70         299.70         7,020.0         633.0         -913.8           9.70         308.70         7,120.0         633.0         -940.4           9.30         314.80         7,493.0         667.7         -9		·	0.4 1.4 1.2 2.0 3.8 3.8	
9.90         304.20         5,908.7         566.2         775.7           11.40         299.60         6,002.1         515.5         -770.6           11.50         303.10         6,002.1         525.4         -770.6           11.50         306.90         6,188.2         536.5         -802.8           11.40         307.70         6,280.3         547.8         -817.6           11.30         311.10         6,373.4         569.6         -832.0           10.40         312.80         6,466.7         571.6         -845.4           10.20         312.80         6,663.6         581.9         -845.4           10.20         298.60         6,683.6         590.3         -883.7           9.70         305.70         6,746.2         598.6         -887.7           9.70         306.70         6,339.9         607.5         -901.0           9.70         299.70         7,027.3         626.8         -91.8           9.71         308.70         7,120.0         633.0         -940.4           9.70         314.80         7,308.4         640.6         -962.7           9.70         326.30         7,493.0         657.0         -962.	. ,	·	1.4 3.3 1.2 1.0 2.0 -3.8	8. 8. 8. 6. 5. 6. 5. 6. 5. 6. 5. 6. 5. 6. 5. 6. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
11.40         299.60         6,002.1         515.5         -770.6           11.90         303.10         6,095.1         525.4         -787.0           11.50         306.90         6,188.2         536.5         -802.8           11.40         307.70         6,280.3         547.8         -817.6           11.30         311.10         6,373.4         568.6         -832.0           10.40         312.80         6,486.7         571.6         -845.4           10.20         289.60         6,580.2         581.9         -885.0           9.70         302.50         6,746.2         598.6         -887.7           9.70         305.70         6,383.9         607.5         -901.0           9.70         306.70         6,383.9         607.5         -901.0           9.70         299.70         7,202.0         633.0         -940.4           7.10         308.30         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -962.7           5.70         338.30         7,499.0         657.0         -962.7	r	·	3.3 1.2 -2.0 -3.8	å. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
11.90         303.10         6,035.1         525.4         -787.0           11.50         306.90         6,188.2         536.5         -802.8           11.40         307.70         6,280.3         547.8         -817.6           11.30         311.10         6,373.4         569.6         -832.0           10.40         312.80         6,665.7         571.6         -845.4           10.20         289.60         6,663.6         590.3         -885.0           9.70         305.40         6,783.9         607.5         -901.0           9.70         306.70         6,339.9         607.5         -901.0           9.70         299.70         7,120.0         633.0         -940.4           7.10         308.30         7,213.9         640.6         -952.0           8.30         314.80         7,308.4         647.3         -962.0           8.30         326.30         7,499.0         657.0         -962.7	·		1.2 -1.0 -2.0 -3.8	-15. -16. -17. -19.
11.50         306.90         6,188.2         596.5         602.8           11.40         307.70         6,280.3         547.8         -817.6           11.30         311.10         6,373.4         569.6         -832.0           10.40         312.80         6,665.7         571.6         -845.4           10.20         307.20         6,663.6         581.9         -865.0           9.70         305.40         6,746.2         598.6         -887.7           9.70         305.40         6,339.9         607.5         -901.0           9.40         299.70         7,027.3         625.3         -913.8           9.71         308.30         7,120.0         633.0         -940.4           7.10         308.30         7,120.0         633.0         -940.4           8.30         314.80         7,308.4         640.5         -962.0           8.30         326.30         7,403.1         662.7         -964.3           8.30         338.30         7,403.1         662.7         -964.3           8.30         326.30         7,403.1         662.7         -964.3           8.30         338.30         7,403.1         662.7         -964.3<	·		-1.0 -2.0 -3.8	6 t t t 2
11.40         307.70         6,280.3         547.8         -817.6           11.30         311.10         6,373.4         569.6         -832.0           10.40         312.80         6,466.7         571.6         -845.4           10.40         301.20         6,560.2         581.9         -865.0           9.70         286.60         6,635.6         590.3         -873.7           9.70         305.40         6,746.2         598.6         -887.7           9.70         305.70         6,339.5         607.5         -901.0           9.40         299.70         7,027.3         625.3         -940.4           7.10         308.30         7,120.0         633.0         -940.4           8.30         314.80         7,213.9         640.6         -952.0           8.30         326.30         7,403.1         662.7         -964.3           9.70         338.30         7,403.1         652.7         -964.3           9.70         338.30         7,403.1         652.7         -964.3			-2.0	-17. -19.
11.30       311.10       6,486.7       569.6       482.0         10.40       312.80       6,486.7       571.6       -845.4         10.40       301.20       6,580.2       581.9       -889.0         10.20       289.60       6,683.6       590.3       -873.7         9.70       302.60       6,783.9       607.5       -901.0         9.50       306.70       6,839.9       607.5       -91.0         9.40       299.70       7,027.3       625.3       -940.4         7.10       308.30       7,120.0       633.0       -940.4         8.30       314.80       7,213.9       640.5       -962.0         8.30       326.30       7,403.1       662.7       -963.7         8.30       326.30       7,403.1       662.7       -964.3         8.30       326.30       7,403.1       662.7       -963.7	0.20 -0.11		-3.8	-19 -22
10.40         312.80         6,466.7         571.6         -845.4           10.40         301.20         6,560.2         581.9         -869.0           10.20         288.60         6,633.6         590.3         -873.7           9.70         302.50         6,746.2         598.6         -887.7           9.50         306.70         6,833.5         607.5         -901.0           9.40         299.20         7,027.3         625.3         -926.8           9.70         299.70         7,120.0         633.0         -940.4           7.10         308.30         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -963.7           2.70         326.30         7,403.1         652.7         -964.3           2.70         338.30         7,403.1         652.7         -964.3	0.71 -0.11			-22.
10.40         301.20         6,560.2         581.9         -889.0           10.20         289.60         6,635.6         590.3         -873.7           9.70         302.60         6,746.2         598.6         -887.7           9.70         305.40         6,839.9         607.5         -901.0           9.40         299.70         7,027.3         625.3         -926.8           9.70         299.70         7,120.0         633.0         -940.4           7.10         308.30         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -965.7           2.70         338.30         7,403.1         652.7         -964.3	1.01	1.79	4.4	
10.20         298.60         6,663.6         590.3         -873.7           9.70         302.50         6,746.2         598.6         -887.7           9.70         305.40         6,839.9         607.5         -901.0           9.40         299.20         7,027.3         625.3         -926.8           7.10         299.70         7,120.0         633.0         -940.4           7.10         308.30         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -952.0           2.70         338.30         7,403.1         652.7         -964.3	2.20 0.00	12.21	6.1	-24.2
9.70         302.50         6,746.2         598.6         -887.7           9.70         305.40         6,839.9         607.5         -901.0           9.50         306.70         6,933.5         616.8         -913.8           9.70         299.20         7,027.3         625.3         -940.4           7.10         308.30         7,120.0         633.0         -940.4           5.30         314.80         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -952.0           2.70         338.30         7,403.1         652.7         -964.3	0.53 -0.21	-2.74	3.5	-23.2
9.70         305.40         6,839.9         607.5         -901.0           9.50         306.70         6,933.5         616.8         -913.8           9.40         299.20         7,027.3         625.3         -940.4           7.10         308.30         7,120.0         633.0         -940.4           5.30         314.80         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -969.7           2.70         338.30         7,403.1         652.7         -964.3	0.89 -0.53	3 4.15	3.7	-22.7
9.50         306.70         6,933.5         616.8         -913.8           9.40         299.20         7,027.3         625.3         -926.8           9.70         299.70         7,120.0         633.0         -940.4           7.10         308.30         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -952.0           3.30         326.30         7,403.1         652.7         -984.3           2.70         338.30         7,498.0         657.0         -986.7	0.51 0.00	3.05	4.7	-23.3
9.40         299.20         7,027.3         625.3         -926.8           9.70         299.70         7,120.0         633.0         -940.4           7.10         308.30         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -952.0           3.30         326.30         7,403.1         652.7         -964.3           2.70         338.30         7,498.0         657.0         -966.7	0.31 -0.21	1.37	6.5	-24.5
9,70         299,70         7,120.0         633.0         -940,4           7,10         308,30         7,213.9         640.6         -952.0           5,30         314,80         7,308.4         647.3         -952.0           3,30         326,30         7,403.1         652.7         -964.3           2,70         338,30         7,498.0         657.0         -966.7	1.30 -0.11	1.89	12.1	-23.3
7.10         308.30         7,213.9         640.6         -952.0           5.30         314.80         7,308.4         647.3         -952.0           3.30         326.30         7,403.1         652.7         -964.3           2.70         338.30         7,498.0         657.0         -966.7	0.33 0.32	0.53	12.3	-22.5
5.30     314.80     7,308.4     647.3     -959.7       3.30     326.30     7,403.1     652.7     -964.3       2.70     338.30     7,498.0     657.0     -966.7	3.03 -2.74	90'6	8.1	-24.2
3.30 326.30 7,403.1 652.7 -984.3 2.70 338.30 7,498.0 657.0 -966.7	2.03 -1.89	6.84	4.8	-26.3
2.70 338.30 7,498.0 657.0 -966.7	2.28 -2.11	12.11	-1.3	-28.6
	0.91 -0.63	3 12.63	-9.2	-29.3
7,703.0 1.90 354.60 7,592.9 660.7 -967.6 1.08	1.08 -0.84	17.16	-20.4	-25.4
7,798.0 1.50 351.70 7,687.9 663.5 -968.0 0.43	0.43 -0.42	-3.05	-21.9	-26.5
7,893.0 1.90 154.40 7,782.8 663.3 -967.5 3.54	3.54 0.42	171,26	12.6	32.1
7,988.0 2.20 161.50 7,877.8 660.1 -956.2 0.41	0.41 0.32	7.47	13.1	30.5
8,083.0 1.90 167.10 7,972.7 656.9 -955.3 0.38	0,38 -0.32	5.89	12.6	29.3



## EOG Resources Final PVA

Company: Project: Well #501H EOG Resources - Midland Local Co-ordinate Reference: TVD Reference: Lea County, NM (NAD 83 NME) KB = 32' @ 3421.0usft Site: Panza 36 Fed Com MD Reference: KB = 32' @ 3421.0usft Well: #501H North Reference: Wellbore: ЮН Survey Calculation Method: Minimum Curvature EDM 5000:14 Design: OH Database:

	· E	in the state of th								· .
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 Plar (usft)
8,178.0	0.80	216,50	8,067.7	654.8	-965.3	1.59	-1.16	52.00	28.8	
8,273.0	08.0	213.50	8,162.7	653.7	-966.1	0.04	0.00	-3.16	26.8	
8,368.0	0.90	192.10	8,257.7	652.4	-966.6	0.35	0.11	-22,53	19.2	
8,463.0	1.20	189.30	8,352.7	650.7	-966,9	0.32	0,32	-2.95	16.4	
8,558,0	1.20	184.90	8,447.6	648.7	-967.2	0.10	0.00	-4.63	12.7	
8,653.0	1.30	188,20	8,542.6	646.7	-967.4	0.13	0.11	3.47	12.0	
8,748.0	1.10	186,60	8,637,6	644.7	-967.7	0.21	-0.21	-1.68	9.3	
8,842.0	0.90	192.40	8,731.6	643.1	-967.9	0.24	-0.21	6.17	9.9	
9,032.0	0.90	224.50	8,921.6	640.6	-969.3	0.26	0.00	16.89	17.0	
9,127.0	1.10	274.40	9,016.5	640.1	-970.7	0.91	0.21	52.53	20.1	
9,222.0	1.10	320,80	9,111.5	640.9	-972.2	0.91	0.00	48.84	9.6	
9,317.0	1.20	282,60	9,206.5	641.8	-973.8	0.80	0.11	-40.21	16.0	
9,412.0	1.80	289.70	9,301.5	642.5	-976.1	0.66	0.63	7.47	12.5	
9,507.0	2.60	286,80	9,396.4	643.6	-979.6	0.85	0.84	-3.05	9.3	
9,602.0	2.90	293.10	9,491.3	645.2	-983.9	0.45	0,32	6,63	3.7	
9,697.0	1.40	2,10	9,586.2	647.3	-986.0	2.87	-1.58	72.63	-9.5	
9,792.0	0.90	44.60	9,681.2	649.0	-985.5	1.01	-0.53	44.74	-11.7	
9,887.0	1.30	340.70	9,776.2	650.6	-985.3	1.28	0.42	-67.26	-10.0	
9,982.0	1.70	293.30	9,871.2	652.1	-987.0	1.33	0.42	-49.89	-1.9	
10,077.0	1.50	284.60	9,966.1	653.0	-989.5	0,33	-0.21	-9.16	-2.3	
10,172.0	1.90	280,60	10,061.1	653.6	-992.2	. 0.44	0.42	-4.21	-4.1	
10,288.0	1.93	274.50	10,177.0	654.1	-996.0	0.18	0,03	-5.26	-6.3	
10,382.0	2.29	271.78	10,271.0	654.3	-999.5	. 0.40	0.38	-2.89	-9,0	
10,400.0	3.26	220.31	10,289.0	653.9	-1,000.2	14.24	5.39	-285.97	6.2	
KOP, MD:10400.	0', TVD:10289.0',N	N/S:653.9', E/W:-1000.2	2', INC:3.26	ر پرست محمرید ر در سراحاتی در دی		en e		e garangan di kacamatan di kacam Kacamatan di kacamatan di kacama	مان المستقم ا المستقم المستقم المستق	and the second
10,410.9	4.50	206.35	10,299.8	653,3	-1,000,6	14.24	11.40	-127.99	9.4	

9/14/2020 10:43:57AM Page 6 COMPASS 5000.15 Build 91



Final PVA

EOG Resources - Midland Lea County, NM (NAD 83 NME)

Company: Project: Site: Panza 36 Fed Com '#501H

| Well: Wellbore: :ОН Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well #501H

KB = 32' @ 3421.0usft KB = 32' @ 3421.0usft

Minimum Curvature

Design:	OH	o della della compania della compania	and the second	and the second	and a second of the second of	Database:		EDM 5000.14	ales escaratores	atawas sa Lucasta
Survey 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)
10,47			10,365.1	643.3	-1,002,5	14.24	13.60	-31,45	8.0	-12.3
10,47			10,454.7	612.5	-1,002.3	11.82	11.80	2.25	-5.3	-14.
10,57.			10,454.7	587.5	-1,009.4	6.28	6.25	-1.46	-12.7	-16.8
•			•		-1,009.4	0.20		-1.40	-12.7	-10.
10,66	sing, MD:10628.5', TVD: 3.0 30.70		10,539.6	568.2	-1,011.7	6.28	6.25	-1.20	-16.7	-18.0
10,76	3.0 37.50	178.60	10,618.3	515.1	-1,013.7	8,50	7.16	-8.21	-20.1	-22.
10,858	3.0 52.90	174.10	10,685.1	448.1	-1,009.0	16.55	16.21	-4.74	-27.1	-18.
FTP (Pan	za 36 FC #501H)			F F		e a leve or		معتصدس والجالية		
10,95	3.0 63.00	171.40	10,735.4	368,4	-998.8	10.90	10.63	-2.84	-40.1	-9.0
11,047	7.0 68.90	178.80	10,773.8	282.9	-991.6	9,54	6,28	7.87	-49.7	2.
11,143	3,0 73.30	178.30	10,804.8	192.2	-989,3	4.61	4.58	-0.52	-50.5	5.3
11,23	7.0 76.70	176.70	10,829.2	101.5	-985.3	3.97	3.62	-1.70	-40.6	10.5
11,333	3.0 82.40	179.80	10,846.6	7.2	-982.4	6.73	5.94	3.23	-24.7	14.4
11,428	3.0 87.00	177.20	10,855.4	-87.4	-980.0	5.56	4.84	-2.74	-16.6	17.0
11,523	3.0 86.00	175.60	10,861.2	-182.0	-974.0	1,98	-1.05	-1.68	-11.5	24.4
11,618	3.0 87.60	175.70	10,866.5	-276.6	-966.8	1.69	1.68	0.11	-6.7	32,
11,713	3.0 90.90	181.40	10,867.7	-371.5	-964.4	6.93	3.47	6.00	-6.0	35.
11,808	3.0 90.50	182.60	10,866,5	-466.4	-967.7	1.33	-0.42	1.26	-7.7	. 33.
11,900	3.0 89.80	182.00	10,866.3	-561.3	-971.5	0.97	-0.74	-0.63	-8,5	30.4
11,93	2.0 89.52	182.03	10,866.5	-590.4	-972.6	0.95	-0.95	0.11	-8.5	29.
TGT 1 (P	anza 36 FC #501H)		41.1	ند. مشتر میدند		.15				
11,998	3.0 88,90	182,10	10,867.4	-656.3	-974.9	0.95	-0.95	0.11	-8.0	27.9
12,09	3,0 88,20	182.10	10,869.8	-751.2	-978.4	0.74	-0.74	0.00	-6.1	25.3
12,18	3.0 91.30	180.60	10,870.2	-846.1	-980.7	3.62	3.26	-1.58	-6.3	23.9
12,28	3.0 91.70	179.90	10,867.7	-941.1	-981.1	0.85	0.42	-0.74	-9.3	24.4
12,378	3.0 91.40	179.80	10,865.1	-1,036.1	-980.8	0.33	-0,32	-0.11	-12.4	25.
12,473	3.0 91.60	179.50	10,862.6	-1,131.0	-980.2	0,38	0.21	-0.32	-15.4	27.0

9/14/2020 10:43:57AM COMPASS 5000.15 Build 91 Page 7



#### **EOG Resources** Final PVA

Company: Project: Site: Well: Wellbore:

Design:

EOG Resources - Midland Lea County, NM (NAD 83 NME) Panza 36 Fed Com

#501H ОН

Local Co-ordinate Reference: TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Database:

Well #501H

KB = 32' @ 3421.0usft KB = 32' @ 3421.0usft

Grid , Minimum Curvature

EDM 5000.14

irvey										-,i
MD	Inc	Azi (azimuth)	1VD	N/S	E/W	DLeg	Build	Turn	High to Plan	Right to Plan
(usft)	.(°)	(°)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)	(usft)	(usft)
12,568.0	91.10	179.60	10,860.4	-1,226.0	-979.5	0.54	-0,53	0.11	-18.2	28
12,663.0	90,50	181.60	10,859.1	-1,321.0	-980.5	2.20	-0.63	2.11	-20,1	28
12,758.0	90.00	181.30	10,858.7	-1,416.0	-982.9	0.61	-0.53	-0.32	-21.0	26
12,853.0	89.50	181.50	10,859.1	-1,510.9	-985.2	0.57	-0,53	0.21	-21.2	25
12,948.0	89.80	181.30	10,859.7	-1,605.9	-987.5	0.38	0.32	-0.21	-21.1	24
13,042.0	88.10	181.30	10,861.4	-1,699.9	-989.7	1.81	-1.81	0.00	-19.9	22
13,137.0	86.70	181.40	10,865.7	-1,794.7	-991.9	1.48	-1.47	0.11	-16.2	21
13,161.5	87.24	181.17	10,867.0	-1,819.2	-992,5	2.40	2.21	-0.95	-15.0	21
TGT 2 (Panza 3		e e e e e e e e e e e e e e e e e e e	e e e e e e e e e e e e e e e e e e e	*** **** *****************************	11	e a a de la company de la comp	and the second of the second o	and the second second		andre a la co
13,232.0	88.80	180.50	10,869.4	-1,889.6	-993.5	2.40	2.21	-0.95	-13.1	20
13,326.0	89.00	181.00	10,871.2	-1,983.6	-994.7	0.57	0.21	0.53	-12.1	20
13,420.0	89.00	181.00	10,872.9	-2,077.6	-996.4	0.00	0,00	0.00	-11.2	19
13,515.0	88.00	181.60	10,875.4	-2,172.5	-998.5	1.23	-1.05	0.63	-9.4	18
13,609.0	89.80	182.10	10,877.2	-2,266.5	-1,001.5	1.99	1.91	0.53	-8.3	16
13,704.0	89.50	183.00	10,877.7	-2,361.4	-1,005.8	1.00	-0.32	0.95	-8.5	12
13,799.0	89.70	183.00	10,878.4	-2,456.2	-1,010.7	0.21	0.21	0.00	-8.6	8
13,894.0	88.60	182.50	10,879.8	-2,551.1	-1,015.3	1.27	-1.16	-0.53	-7.9	4
13,989.0	90.60	181.00	10,880.5	-2,646.0	-1,018.2	2.63	2.11	-1.58	-8.0	2
14,083.0	91.40	180.10	10,878.8	-2,740.0	-1,019.1	1.28	0.85	-0.96	-10.4	2
14,178.0	91.50	179.80	10,876.4	-2,835.0	-1,019.0	0.33	0.11	-0.32	-13.5	3
14,185.2	91.48	179.75	10,876.2	-2,842.2	-1,019.0	0.77	-0.21	-0.74	-13.8	3
TGT 3 (Panza 3	36 FC #501H)		e de la colore de							a see a
14,273.0	91.30	179.10	10,874.1	-2,930.0	-1,018.1	0.77	-0.21	-0.74	-16.3	5
14,368.0	90.60	178.70	10,872.5	-3,024.9	-1,016.3	0.85	-0.74	-0.42	-18.4	8
14,463.0	91.30	179.00	10,871.0	-3,119.9	-1,014.4	0.80	0.74	0.32	-20.4	11
14,558.0	91.20	178.60	10,868.9	-3,214:9	-1,012.4	0.43	-0.11	-0.42	-22.9	1:
14,653.0	92.10	178.30	10,866,1	-3,309.8	-1,009.8	1.00	0.95	-0.32	-26.1	17

9/14/2020 10:43:57AM COMPASS 5000.15 Build 91 Page 8



Final PVA

Company: EOG Resources - Midland Well #501H Local Co-ordinate Reference: Lea County, NM (NAD 83 NME) Project: TVD Reference: KB = 32' @ 3421.0usft Panza 36.Fed Com #501H OH Site: MD Reference: KB = 32' @ 3421.0usft Well: North Reference: Grid . Wellbore: Survey Calculation Method: Minimum Curvature Design: ОН Database: EDM 5000.14

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MD	Inc	Azi (azimuth)	TVD	N/S	E/W	DLeg	Build	Turn	High to Plan	Right to I
(usft)	(°)°		(usft)	(usft) w		(°/100usft)	(°/100usft)	(°/100usft) ,	(usft)	(usft)
14,748.0	91.10	179.70	10,863.5	-3,404.7	-1,008.2	1.81	-1.05	1.47	-29.3	
14,843.0	90.90	181.60	10,861.8	-3,499.7	-1,009.2	2.01	-0.21	2.00	-31.4	
14,938.0	88.60	182.80	10,862.3	-3,594.6	-1,012.9	2.73	-2.42	1.26	-31.4	
15,033.0	88.90	182,60	10,864.3	-3,689.5	-1,017.4	0.38	0.32	-0.21	-29.8	
15,128.0	89.50	182.30	10,865.6	-3,784.4	-1,021.4	0.71	0,63	-0.32	-28.9	
15,211.0	89.68	182.04	10,866.2	-3,867.3	-1,024.6	0.38	0.21	-0.32	-28.8	
TGT 4 (Panza 3)	5 FC #501H)			enga yayan sangi		and the same of th	al oh de de	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 76.	
15,222.0	89.70	182.00	. 10,866.3	-3,878.3	-1,024.9	0.38	0.21	-0.32	-28.7	J 100-1111-111-1111-1111-1111-1111-1111-
15,317.0	89.70	182.00	10,866.8	-3,973.3	-1,028.3	0.00	0.00	0.00	-28.5	
15,412.0	90.30	181.30	10,866.8	-4,068.2	-1,031.0	0.97	0.63	-0.74	-28.9	
15,507.0	90.60	180.00	10,866.1	-4,163.2	-1,032.1	1.40	0,32	-1.37	-29.9	
15,602.0	91.60	179.40	10,864.2	-4,258.2	-1,031.6	1.23	1.05	-0.63	-32.0	
15,697.0	91.90	178.60	10,861.3	-4,353.1	-1,029.9	0.90	0.32	-0.84	-35.2	
15,774.0	92.30	178.10	10,858.5	-4,430.1	-1,027.7	0.83	0.52	-0,65	-38.3	
Final MWD Surv	rey (MD=15774.0')	a managamanan m N 63°	ر میں میں اس میں اس اس میں اس می	en e	man i i a la managa la garcana.	enga yansa anaan ili ka sa sa	and a contract from	a special a consequence		
15,827.0	92.30	178.10	10,856.4	-4,483.0	-1,025.9	0.00	0.00	0.00	-40.6	
PBHL (Panza 36	Contract of the state of the	and the second s		The second of the second	ta atribus areas to stress of the	er general egen i grupe y d 1950 - Sa Stenske tratter i ar ditt	kanan mengeberahan langan di ngaran Kanan di nasari pelabagan dan mengalan	and a property and a second of the second of	And the second s	
15,828.0	92,30	178.10	10,856.3	-4,484.0	-1,025.9	0.00	0.00	0.00	-40.7	

Design An	notations		en e	and the second	and the first the second of the highest control of the second of the sec
, ,	Measured	Vertical	Local Coordi	nates	
3	Depth (usft)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment' and the second of the
	10,400.0	10,289.0	653,9	-1,000.2	KOP, MD:10400.0', TVD:10289.0',N/S:653.9', E/W:-1000.2', INC:3.26
1	10,628.5	10,505.3	587.5	-1,009.4	HL Crossing, MD:10628.5', TVD:10505.3', N/S:587.5', E/W:-1009.4', INC:28.23
	15,774.0	10,858.5	-4,430.1	-1,027.7	Final MWD Survey (MD=15774.0')
	15,828.0	10,856,3	-4,484.0	-1,025.9	Final Projection to Bit (MD=15828.0')

9/14/2020 10:43:57AM Page 9 . COMPASS 5000.15 Build 91

4	
<b>O</b> eog	resources

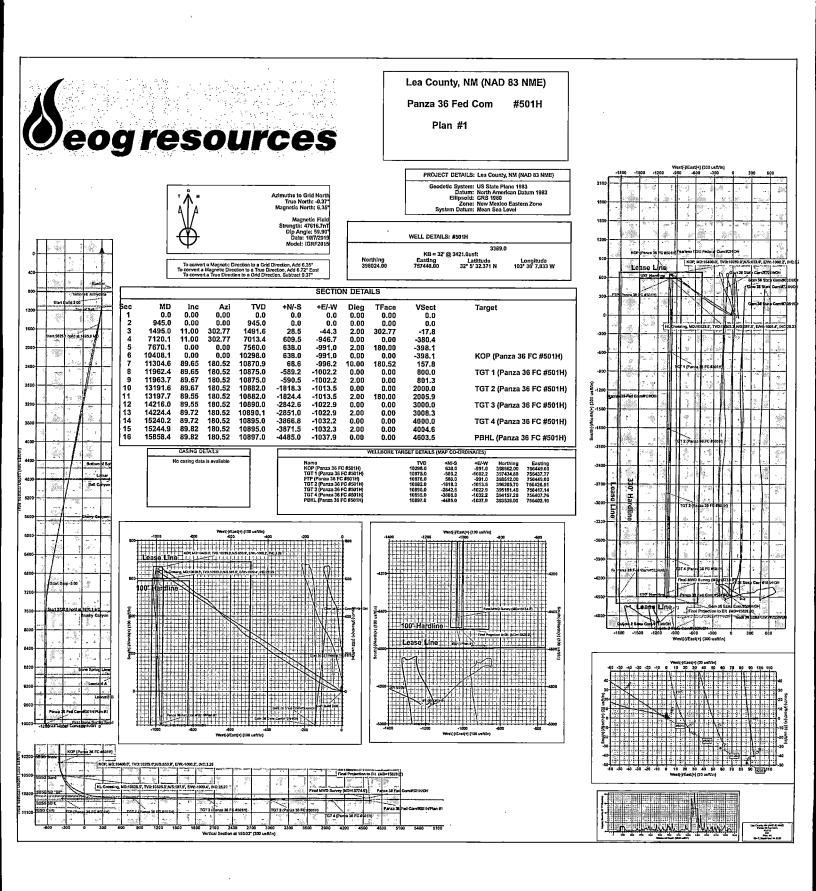
Final PVA

Company:	EOG Resources - Midland		Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)		TVD Reference:	KB = 32° @ 3421.0usft
Site:	Panza 36 Fed Com	1	MD Reference;	KB = 32' @ 3421.0usft
Well:	#501H		North Reference:	Grid
Wellbore:	OH		Survey Calculation Method:	Minimum Curvature
Design:	· OH	,	Database:	EDM 5000.14
				a car company the first against the account of the company of the
	and a second control of the control	The state of the s		2 to apply on the orbital period out decided with apply and of the control of
Checked By	and the state of t	Approved By:	1	Date:
Checked By		Approved By:	1	
Checked By		Approved By:	,	
Checked By		Approved By:	,	

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Madder 12/17/2020
Signed Date

9/14/2020 10:43:57AM Page 10 COMPASS 5000,15 Build 91



Inten	t	As Dril	led xx	x										
API#	)25-474	105												
Ope	rator Nai		, INC				perty N			RAL (	COM	Ī		Well Number 501H
Kick C	off Point	(KOP)				<u> </u>								
UL A	Section 35	Township 25S	Range 32E	Lot	Feet 34		From N		Feet 510		Fron	n E/W	County LEA	
Latitu	L		<del> </del>		Longitu 103.6				10.0				NAD 1983	
First 7	ake Poin	it (FTP)			<del></del>									
UL A	Section 35	Township 25S	Range 32E	Lot	Feet 538		From N	•	Feet 466		Fron	n E/W ST	County LEA	-·· -
Latitu	l	<u> </u>	<u> </u>		Longitu 103.6	ıde			l		<b>!</b>		NAD 1983	
Last T	ake Poin	t (LTP)												
UL P	Section 35	Township 25S	Range 32E	Lot	Feet 133		n N/S UTH	Feet 489		From EAS		Count	у	
Latitu 32.0	de 080077	'3			_	Longitude NAD 1983					3			
Is this	well the	defining v	vell for the	e Horiz	ontal Sr	nacing	, Unit?	Ī,	/ES	7			·.	
		_			7		, 0,	L		_			÷	
is this	well an i	nfill well?		NO	_									
	l is yes pl ng Unit.	ease provi	de API if a	availab	le, Oper	rator I	Name :	and v	vell n	umbei	for I	Definin	g well fo	r Horizontal
API#														
Ope	rator Nar	me:	l			Prop	erty N	ame:						Well Number
														KZ 06/29/2018

(June 2015)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

SUNDRY Do not use th	5. Lease Serial No. NMNM108973							
Do not use th abandoned we	6. If Indian, Allottee or	Tribe Name						
SUBMIT IN	7. If Unit or CA/Agreement, Name and/or No.							
Type of Well	Well Name and No.     PANZA 36 FED COM 501H							
2. Name of Operator EOG RESOURCES INCORP	9. API Well No. 30-025-47495-00	D-X1						
3a. Address PO BOX 2267 MIDLAND, TX 79702		3b. Phone No Ph: 432-68	. (include area code) 6-3658	)	10. Field and Pool or Exploratory Area PERMIAN WC025G08S253235G-LWR BONE SP			
4. Location of Well (Footage, Sec., T	11. County or Parish, S	tate						
Sec 36 T25S R32E NWNW 69 32.092323 N Lat, 103.635506					LEA COUNTY, N	NM		
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OTH	ER DATA		
TYPE OF SUBMISSION			TYPE OI	FACTION				
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	tion (Start/Resume)	☐ Water Shut-Off		
_	☐ Alter Casing	☐ Hyd	raulic Fracturing	□ Reclam	ation	■ Well Integrity		
	□ Casing Repair	□ Nev	Construction	□ Recomp	olete	Other		
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	□ Tempor	arily Abandon	Production Start-up		
	☐ Convert to Injection	☐ Plug	Back	■ Water I	Disposal			
testing has been completed. Final Al determined that the site is ready for f 09/06/2020 RIG RELEASED 09/09/2020 MIRU PREP TO 09/26/2020 BEGIN PERF & F 09/30/2020 FINISH 16 STAG PROPPANT,183,640 BBLS L 10/09/2020 DRILLED OUT P 11/15/2020 OPENED WELL WILL RUN TBG AND GAS LII DEPTH.	inal inspection.  FRAC, TEST VOID 5000  FRAC ES PERF & FRAC 11,186  OAD FLUID  LUGS AND CLEAN OUT TO FLOWBACK - DATE (	PSI,SEALS & 6 - 15,805', 9 WELLBORE OF FIRST PF	R FLANGES TO 60 3 1/8" SHOTS CODUCTION	8500 PSI S FRAC 1	1,346,085 LBS			
						KZ		
14. I hereby certify that the foregoing is  Con Name(Printed/Typed) KAY MAD	## Electronic Submission For EOG RESOU nmitted to AFMSS for proce	IRCES INCOR	PORATED, sent of SCILLA PEREZ of	to the Hobbs	; (21PP0885SE)			
71 / 12 11 11 11								
Signature (Electronic S	Submission)		Date 12/16/2	020				
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE			
Approved By ACCEPT	ED		JONATHO <sub>Title</sub> PETROEL	N SHEPAR UM ENGIN		Date 12/18/2020		
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conductive transfer of the conductive trans	uitable title to those rights in the	not warrant or e subject lease	Office Hobbs					
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any pe to any matter w	erson knowingly and ithin its jurisdiction.	willfully to m	ake to any department or a	agency of the United		
(Instructions on page 2) ** BLM REV	ISED ** BLM REVISED	O ** BLM RI	EVISED ** BLN	/ REVISE	O ** BLM REVISED	) **		

## Revisions to Operator-Submitted EC Data for Sundry Notice #541104

**Operator Submitted** 

**BLM Revised (AFMSS)** 

STARTUP Sundry Type:

SR

STARTUP SR

Lease: NMNM108973 NMNM108973

Agreement:

Operator:

EOG RESOURCES, INC PO BOX 2267 ATTENTION; KAY MADDOX MIDLAND, TX 79702

Ph: 432-686-3658

KAY MADDOX Admin Contact:

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

Location:

State: County: NM LEA

Field/Pool: WC025GO8S253235G; LWR BS

Well/Facility: PANZA 36 FEDERAL COM 501H Sec 36 T25S R32E Mer NMP NWNW 696FNL 496FWL

32.092324 N Lat, 103.635509 W Lon

EOG RESOURCES INCORPORATED

PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689

**KAY MADDOX** 

REGULATORY SPECIALIST

E-Mail: kay\_maddox@eogresources.com Cell: 432-638-8475

Ph: 432-686-3658

**KAY MADDOX** 

NM LEA

**PERMIAN** 

REGULATORY SPECIALIST

E-Mail: kay\_maddox@eogresources.com Cell: 432-638-8475

Ph: 432-686-3658

WC025G08S253235G-LWR BONE SPR

PANZA 36 FED COM 501H Sec 36 T25S R32E NWNW 696FNL 496FWL

32.092323 N Lat, 103.635506 W Lon

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III
1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 18090

#### **CONDITIONS OF APPROVAL**

Operator:			OGRID:	Action Number:	Action Type:
EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	7377	18090	C-104C

OCD Reviewer	Condition
plmartinez	None