

District I
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
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 07/21/2022	
⁴ API Number 30 - 015-47874	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)		⁶ Pool Code 98220
⁷ Property Code 329880	⁸ Property Name CASSIDY 18 FEDERAL COM		⁹ Well Number 730H

II. ¹⁰ Surface Location

UL or lot no. N	Section 18	Township 26S	Range 31E	Lot Idn	Feet from the 831	North/South Line SOUTH	Feet from the 1693	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. C	Section 7	Township 26S	Range 31E	Lot Idn	Feet from the 342	North/South line NORTH	Feet from the 2447	East/West line WEST	County EDDY
¹² Lse Code	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
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 03/06/2022	²² Ready Date 07/21/2022	²³ TD 21,686	²⁴ PBTD 21,661	²⁵ Perforations 11,719 - 21,661'	²⁶ DHC, MC		
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement	
12 1/4"		9 5/8"		1147'		620 SXS CL C/CIRC	
8 3/4"		7 5/8"		10,661'		1543 SXS CL C & H/TOC 82' ECHO	
6 3/4"		5 1/2"		21,669'		1060 SXS CL H TOC 11,016' CBL PRESSURE TEST ATTACHED	

V. Well Test Data

³¹ Date New Oil 07/21/2022	³² Gas Delivery Date 07/21/2022	³³ Test Date 07/31/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2724
³⁷ Choke Size 56	³⁸ Oil 3195	³⁹ Water 6890	⁴⁰ Gas 15,020		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		OIL CONSERVATION DIVISION	
Printed name: Kay Maddox		Approved by:	
Title: SENIOR REGULATORY SPECIALIST		Title:	
E-mail Address: kay_maddox@eogresources.com		Approval Date:	
Date: 08/03/2022	Phone: 432-638-8475		

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
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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

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, New Mexico 87505

As-Completed Plat
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

AS-COMPLETED PLAT

API Number 30-015-47874	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code 329880	Property Name CASSIDY 18 FED COM	Well Number 730H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3183'

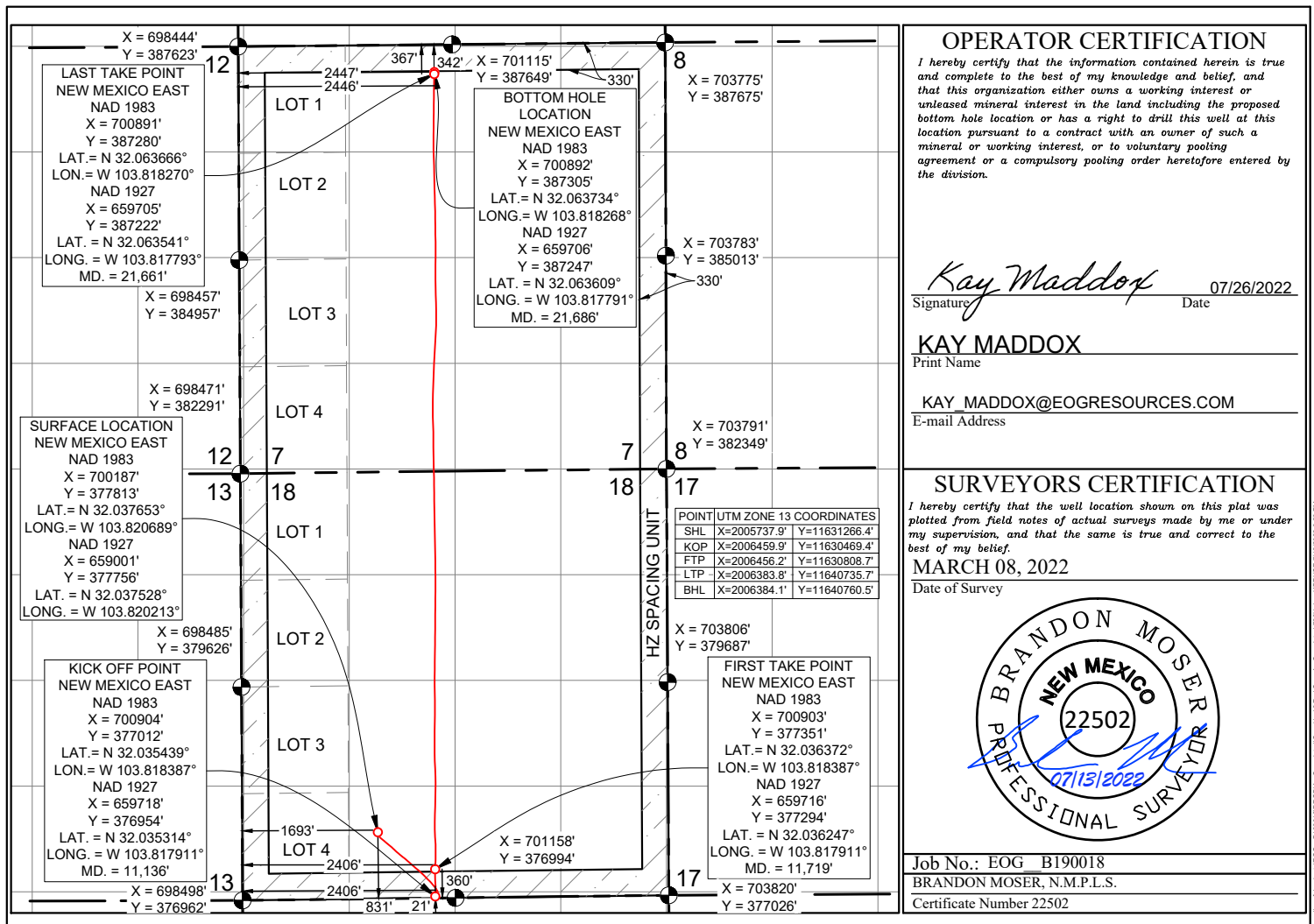
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	26 S	31 E		831	SOUTH	1693	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	26 S	31 E		342	NORTH	2447	WEST	EDDY
Dedicated Acres 1280.4	Joint or Infill	Consolidated Code	Order No.						

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.





Midland

Eddy County, NM (NAD 83 NME)
Cassidy 18 Fed Com
#730H
OH

Design: OH

Final PVA

19 April, 2022





Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Project	Eddy 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	Cassidy 18 Fed Com		
Site Position:		Northing:	377,185.00 usft
From:	Map	Easting:	702,663.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 9.214 N
		Longitude:	103° 48' 45.751 W
		Grid Convergence:	0.28 °

Well		#730H				
Well Position	+N-S	0.0 usft	Northing:	377,813.00 usft	Latitude:	32° 2' 15.546 N
	+E-W	0.0 usft	Easting:	700,187.00 usft	Longitude:	103° 49' 14.481 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,183.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/17/2022	6.56	59.67	47,281.52167230

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	4.14

Survey Program	Date	4/19/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
135.0	21,686.0	Total MWD (OH)	EOG MWD+IFR1	MWD + IFR1



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Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
135.0	0.48	259.58	135.0	-0.1	-0.6	0.36	0.36	0.00	-0.6	0.0	
224.0	0.35	108.06	224.0	-0.3	-0.7	0.90	-0.15	-170.25	0.6	-0.4	
313.0	0.44	149.19	313.0	-0.6	-0.2	0.33	0.10	46.21	-0.4	-0.5	
401.0	0.44	161.67	401.0	-1.2	0.0	0.11	0.00	14.18	-1.2	-0.3	
488.0	0.57	141.46	488.0	-1.9	0.4	0.25	0.15	-23.23	-1.7	-0.9	
577.0	0.44	181.97	577.0	-2.6	0.7	0.42	-0.15	45.52	-2.6	0.8	
770.0	0.70	216.07	770.0	-4.3	0.0	0.22	0.13	17.67	-3.5	2.5	
864.0	1.41	215.02	864.0	-5.7	-1.0	0.76	0.76	-1.12	-5.3	2.4	
959.0	1.36	224.34	958.9	-7.5	-2.5	0.24	-0.05	9.81	-7.1	3.4	
1,105.0	1.45	249.91	1,104.9	-9.3	-5.4	0.43	0.06	17.51	-8.3	6.9	
1,243.0	2.20	217.75	1,242.8	-12.0	-8.7	0.90	0.54	-23.30	-14.6	-1.0	
1,338.0	5.54	170.81	1,337.6	-18.0	-9.1	4.57	3.52	-49.41	-11.2	-15.4	
1,433.0	7.43	154.46	1,432.0	-28.1	-5.7	2.76	1.99	-17.21	-9.6	-21.6	
1,528.0	9.23	145.32	1,526.0	-39.9	1.3	2.35	1.89	-9.62	-9.0	-25.6	
1,623.0	10.33	132.75	1,619.6	-51.9	11.9	2.52	1.16	-13.23	-5.2	-27.7	
1,718.0	12.53	130.73	1,712.7	-64.4	25.9	2.35	2.32	-2.13	-6.0	-26.5	
1,812.0	14.77	130.56	1,804.1	-78.9	42.8	2.38	2.38	-0.18	-8.3	-24.6	
1,907.0	14.37	129.50	1,896.0	-94.2	61.1	0.51	-0.42	-1.12	-8.7	-22.2	
2,002.0	13.27	129.24	1,988.3	-108.6	78.6	1.16	-1.16	-0.27	-7.4	-19.4	
2,097.0	15.69	131.44	2,080.3	-124.0	96.7	2.61	2.55	2.32	-8.0	-16.6	
2,192.0	15.96	129.68	2,171.7	-140.9	116.4	0.58	0.28	-1.85	-9.6	-14.5	
2,287.0	15.65	128.54	2,263.1	-157.2	136.4	0.46	-0.33	-1.20	-11.5	-11.7	
2,382.0	14.64	130.56	2,354.8	-173.0	155.6	1.20	-1.06	2.13	-12.8	-8.5	
2,477.0	13.54	131.88	2,446.9	-188.2	173.0	1.21	-1.16	1.39	-12.2	-6.1	
2,572.0	12.48	132.49	2,539.5	-202.6	188.8	1.13	-1.12	0.64	-9.6	-4.3	
2,667.0	14.15	132.49	2,631.9	-217.4	205.0	1.76	1.76	0.00	-7.5	-2.7	



Final PVA



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Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)	
2,762.0	13.05	135.22	2,724.2	-232.8	221.1	1.34	-1.16	2.87	-5.9	-1.4	
2,857.0	14.42	130.91	2,816.5	-248.2	237.6	1.80	1.44	-4.54	-4.3	-0.4	
2,952.0	13.27	129.77	2,908.8	-262.9	254.9	1.24	-1.21	-1.20	-3.2	2.0	
3,047.0	15.74	130.73	3,000.7	-278.3	273.1	2.61	2.60	1.01	-3.0	4.5	
3,142.0	15.38	130.21	3,092.2	-294.8	292.4	0.41	-0.38	-0.55	-4.7	6.9	
3,237.0	14.24	126.78	3,184.1	-310.0	311.4	1.51	-1.20	-3.61	-5.7	9.8	
3,332.0	14.20	126.43	3,276.2	-323.9	330.2	0.10	-0.04	-0.37	-5.4	13.8	
3,427.0	17.27	131.79	3,367.6	-340.2	350.0	3.57	3.23	5.64	-6.0	17.2	
3,521.0	17.36	130.29	3,457.4	-358.6	371.1	0.48	0.10	-1.60	-10.9	19.2	
3,616.0	17.36	132.05	3,548.0	-377.2	392.5	0.55	0.00	1.85	-15.0	21.7	
3,711.0	17.27	132.75	3,638.7	-396.3	413.4	0.24	-0.09	0.74	-19.2	23.5	
3,806.0	14.07	131.26	3,730.2	-413.5	432.4	3.39	-3.37	-1.57	-21.6	24.7	
3,901.0	16.09	131.52	3,821.9	-429.8	450.9	2.13	2.13	0.27	-22.3	26.8	
3,996.0	15.25	129.68	3,913.4	-446.5	470.4	1.03	-0.88	-1.94	-25.0	28.4	
4,092.0	15.69	127.66	4,005.9	-462.5	490.4	0.72	0.46	-2.10	-27.6	30.8	
4,187.0	15.25	127.92	4,097.5	-478.0	510.4	0.47	-0.46	0.27	-29.1	34.4	
4,282.0	16.18	133.72	4,188.9	-494.9	529.9	1.92	0.98	6.11	-27.4	39.4	
4,378.0	17.27	134.07	4,280.8	-514.0	549.8	1.14	1.14	0.36	-30.6	40.6	
4,473.0	16.53	132.75	4,371.7	-533.0	569.8	0.88	-0.78	-1.39	-35.3	41.0	
4,568.0	16.40	138.20	4,462.9	-552.2	588.7	1.63	-0.14	5.74	-34.4	44.6	
4,663.0	17.19	136.45	4,553.8	-572.4	607.3	0.99	0.83	-1.84	-39.3	43.1	
4,759.0	17.76	133.99	4,645.4	-592.8	627.6	0.97	0.59	-2.56	-45.8	41.8	
4,854.0	17.45	131.09	4,735.9	-612.2	648.8	0.98	-0.33	-3.05	-52.8	40.9	
4,949.0	15.08	141.63	4,827.1	-631.3	667.2	3.98	-2.49	11.09	-47.3	49.9	
5,045.0	15.38	141.10	4,919.8	-651.0	682.9	0.34	0.31	-0.55	-48.9	47.3	
5,140.0	12.48	140.14	5,012.0	-668.7	697.4	3.06	-3.05	-1.01	-48.5	44.7	
5,235.0	10.42	144.09	5,105.1	-683.5	709.0	2.32	-2.17	4.16	-40.2	45.4	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
5,330.0	10.29	144.88	5,198.5	-697.4	719.0	0.20	-0.14	0.83	-32.8	42.4
5,426.0	10.07	144.62	5,293.0	-711.3	728.7	0.23	-0.23	-0.27	-26.2	38.7
5,521.0	7.65	145.50	5,386.9	-723.3	737.1	2.55	-2.55	0.93	-19.3	35.9
5,616.0	5.23	154.64	5,481.3	-732.4	742.6	2.76	-2.55	9.62	-6.8	33.9
5,712.0	1.67	150.95	5,577.1	-737.6	745.1	3.71	-3.71	-3.84	-0.2	29.2
5,807.0	1.32	163.16	5,672.0	-739.8	746.1	0.50	-0.37	12.85	14.0	23.6
5,902.0	2.15	167.38	5,767.0	-742.6	746.8	0.88	0.87	4.44	20.2	18.1
5,997.0	0.57	132.67	5,862.0	-744.7	747.6	1.80	-1.66	-36.54	9.8	25.8
6,093.0	0.79	179.60	5,958.0	-745.7	747.9	0.60	0.23	48.89	26.2	9.2
6,188.0	1.36	190.06	6,052.9	-747.4	747.7	0.63	0.60	11.01	25.7	4.3
6,283.0	1.45	190.85	6,147.9	-749.7	747.3	0.10	0.09	0.83	23.5	4.0
6,378.0	1.85	188.92	6,242.9	-752.4	746.8	0.43	0.42	-2.03	20.6	4.7
6,473.0	1.85	203.42	6,337.8	-755.3	746.0	0.49	0.00	15.26	18.1	-0.2
6,568.0	2.20	200.52	6,432.8	-758.4	744.7	0.38	0.37	-3.05	14.7	0.6
6,663.0	1.67	203.24	6,527.7	-761.4	743.6	0.57	-0.56	2.86	11.5	0.0
6,758.0	1.85	205.18	6,622.7	-764.1	742.4	0.20	0.19	2.04	8.6	-0.3
6,853.0	1.67	197.79	6,717.6	-766.8	741.3	0.30	-0.19	-7.78	5.7	0.6
6,947.0	1.80	207.02	6,811.6	-769.4	740.2	0.33	0.14	9.82	2.9	-0.1
7,043.0	1.23	199.73	6,907.5	-771.7	739.2	0.63	-0.59	-7.59	0.3	0.1
7,137.0	1.67	198.06	7,001.5	-774.0	738.4	0.47	0.47	-1.78	-2.1	0.0
7,232.0	1.63	186.02	7,096.5	-776.6	737.8	0.37	-0.04	-12.67	-4.7	-0.7
7,327.0	1.67	180.66	7,191.4	-779.4	737.7	0.17	0.04	-5.64	-7.4	-1.3
7,422.0	1.58	179.51	7,286.4	-782.0	737.7	0.10	-0.09	-1.21	-10.0	-1.4
7,517.0	1.71	179.78	7,381.4	-784.8	737.7	0.14	0.14	0.28	-12.8	-1.4
7,612.0	1.36	189.97	7,476.3	-787.3	737.5	0.47	-0.37	10.73	-15.3	1.2
7,707.0	1.27	191.99	7,571.3	-789.4	737.1	0.11	-0.09	2.13	-17.5	1.7
7,802.0	1.45	191.11	7,666.3	-791.7	736.6	0.19	0.19	-0.93	-19.7	1.5



Final PVA



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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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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)
7,896.0	1.71	195.77	7,760.2	-794.2	736.0	0.31	0.28	4.96	-22.1	3.2
7,991.0	1.58	191.03	7,855.2	-796.8	735.4	0.20	-0.14	-4.99	-25.1	1.2
8,086.0	0.53	317.32	7,950.2	-797.8	734.8	2.04	-1.11	132.94	16.1	20.5
8,181.0	1.80	351.95	8,045.2	-796.0	734.3	1.47	1.34	36.45	23.1	8.0
8,276.0	2.24	335.17	8,140.1	-792.8	733.3	0.77	0.46	-17.66	16.5	13.9
8,371.0	1.27	318.38	8,235.1	-790.3	731.9	1.15	-1.02	-17.67	9.0	17.5
8,466.0	1.32	244.90	8,330.0	-790.0	730.2	1.63	0.05	-77.35	-15.6	12.6
8,560.0	1.54	348.97	8,424.0	-789.2	728.9	2.40	0.23	110.71	15.0	13.2
8,655.0	1.89	22.01	8,519.0	-786.5	729.3	1.09	0.37	34.78	17.1	3.6
8,750.0	0.88	46.27	8,614.0	-784.6	730.4	1.21	-1.06	25.54	14.9	-3.1
8,845.0	0.44	237.70	8,709.0	-784.3	730.6	1.38	-0.46	-177.44	-13.6	5.9
8,940.0	0.35	230.75	8,804.0	-784.7	730.1	0.11	-0.09	-7.32	-14.9	4.2
9,035.0	0.44	257.21	8,899.0	-784.9	729.5	0.21	0.09	27.85	-12.1	10.5
9,129.0	0.44	327.52	8,992.9	-784.7	729.0	0.54	0.00	74.80	5.3	15.3
9,225.0	0.62	3.03	9,088.9	-783.9	728.8	0.38	0.19	36.99	12.4	9.6
9,320.0	0.31	279.09	9,183.9	-783.3	728.6	0.70	-0.33	-88.36	-8.5	12.8
9,415.0	1.01	163.16	9,278.9	-784.1	728.5	1.24	0.74	-122.03	-8.5	-13.5
9,510.0	1.63	144.09	9,373.9	-786.0	729.6	0.79	0.65	-20.07	-5.8	-15.8
9,605.0	0.92	213.61	9,468.9	-787.7	730.0	1.65	-0.75	73.18	-18.1	1.2
9,700.0	1.58	199.46	9,563.9	-789.6	729.1	0.76	0.69	-14.89	-19.9	-3.5
9,794.0	2.33	207.20	9,657.8	-792.5	727.8	0.84	0.80	8.23	-23.3	-0.6
9,889.0	0.92	254.31	9,752.8	-794.4	726.2	1.93	-1.48	49.59	-18.4	18.1
9,984.0	1.23	261.78	9,847.8	-794.8	724.4	0.36	0.33	7.86	-17.7	20.4
10,079.0	1.27	236.99	9,942.7	-795.5	722.5	0.57	0.04	-26.09	-26.6	10.7
10,174.0	1.58	212.30	10,037.7	-797.2	721.0	0.72	0.33	-25.99	-30.9	-1.8
10,268.0	0.66	50.93	10,131.7	-797.9	720.7	2.36	-0.98	-171.67	30.6	-8.6
10,363.0	0.92	59.45	10,226.7	-797.2	721.8	0.30	0.27	8.97	27.6	-12.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
10,458.0	0.44	91.09	10,321.7	-796.8	722.8	0.62	-0.51	33.31	15.7	-25.1
10,552.0	0.18	240.16	10,415.7	-796.9	723.0	0.64	-0.28	158.59	-26.2	13.6
10,622.0	0.44	242.97	10,485.7	-797.1	722.7	0.37	0.37	4.01	-25.9	14.9
10,705.0	0.62	243.33	10,568.7	-797.4	722.0	0.22	0.22	0.43	-26.6	15.1
10,800.0	0.75	244.12	10,663.7	-797.9	721.0	0.14	0.14	0.83	-27.5	15.4
10,895.0	1.01	227.60	10,758.7	-798.7	719.8	0.38	0.27	-17.39	-32.2	6.8
10,990.0	1.36	208.00	10,853.6	-800.3	718.7	0.56	0.37	-20.63	-34.5	-4.7
11,027.0	1.54	227.34	10,890.6	-801.0	718.1	1.40	0.49	52.27	-35.1	7.2
11,085.0	1.67	197.45	10,948.6	-802.4	717.3	1.44	0.22	-51.53	-35.5	-11.6
11,136.0	3.78	3.06	10,999.6	-801.4	717.1	10.61	4.13	324.72	30.5	20.3
KOP, MD:11136.0', TVD:10999.6',N/S:-801.4', E/W:717.1', INC:3.78										
11,180.0	8.44	5.50	11,043.3	-796.7	717.5	10.61	10.60	5.55	28.5	18.9
11,275.0	18.73	1.37	11,135.5	-774.5	718.5	10.87	10.83	-4.35	21.8	19.9
11,370.0	32.79	4.71	11,220.9	-733.4	721.0	14.87	14.80	3.52	15.2	16.7
11,465.0	46.02	357.41	11,294.2	-673.3	721.6	14.74	13.93	-7.68	1.9	17.0
11,560.0	51.96	355.04	11,356.5	-601.8	716.8	6.53	6.25	-2.49	-7.6	21.0
11,655.0	64.22	0.14	11,406.6	-521.4	713.7	13.68	12.91	5.37	-11.3	24.2
11,688.3	67.31	1.56	11,420.3	-491.1	714.1	10.06	9.28	4.27	-12.8	23.7
FTP Crossing, MD:11688.3', TVD:11420.3',N/S:-491.1', E/W:714.1', INC:67.31										
11,749.0	72.97	4.00	11,440.9	-434.1	716.9	10.06	9.33	4.02	-14.1	20.8
11,844.0	79.16	0.31	11,463.8	-342.0	720.4	7.53	6.52	-3.88	-10.7	16.6
11,939.0	84.84	1.63	11,477.0	-248.0	722.0	6.14	5.98	1.39	-0.1	14.6
12,034.0	87.03	356.89	11,483.7	-153.3	720.7	5.48	2.31	-4.99	6.3	15.4
12,129.0	88.00	355.74	11,487.9	-58.6	714.6	1.58	1.02	-1.21	10.1	21.0
12,224.0	89.32	358.73	11,490.1	36.3	710.0	3.44	1.39	3.15	12.1	25.1
12,319.0	89.63	1.28	11,491.0	131.3	710.0	2.70	0.33	2.68	12.7	24.7
12,413.0	89.14	1.81	11,492.0	225.2	712.6	0.77	-0.52	0.56	13.4	21.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)	
12,508.0	91.03	1.63	11,491.8	320.2	715.4	2.00	1.99	-0.19	13.0	18.4	
12,603.0	85.41	1.37	11,494.8	415.1	717.9	5.92	-5.92	-0.27	15.6	15.4	
12,698.0	91.69	1.46	11,497.2	510.0	720.3	6.61	6.61	0.09	17.8	12.7	
12,793.0	87.96	359.17	11,497.5	605.0	720.8	4.61	-3.93	-2.41	17.8	11.7	
12,888.0	88.48	359.26	11,500.4	699.9	719.5	0.56	0.55	0.09	20.4	12.5	
12,983.0	88.62	355.65	11,502.8	794.8	715.3	3.80	0.15	-3.80	22.6	16.3	
13,078.0	89.32	358.64	11,504.5	889.6	710.5	3.23	0.74	3.15	24.0	20.6	
13,172.0	89.98	0.05	11,505.1	983.6	709.5	1.66	0.70	1.50	24.3	21.2	
13,267.0	88.48	359.00	11,506.4	1,078.6	708.7	1.93	-1.58	-1.11	25.2	21.5	
13,362.0	90.24	0.49	11,507.4	1,173.6	708.3	2.43	1.85	1.57	26.0	21.5	
13,457.0	90.37	0.75	11,506.9	1,268.6	709.3	0.31	0.14	0.27	25.2	20.0	
13,552.0	89.89	0.84	11,506.7	1,363.6	710.6	0.51	-0.51	0.09	24.7	18.2	
13,647.0	91.03	1.10	11,506.0	1,458.5	712.2	1.23	1.20	0.27	23.7	16.2	
13,742.0	88.22	359.87	11,506.6	1,553.5	713.0	3.23	-2.96	-1.29	24.0	14.9	
13,836.0	87.78	359.35	11,509.9	1,647.5	712.4	0.72	-0.47	-0.55	27.0	15.1	
13,931.0	88.75	359.17	11,512.7	1,742.4	711.1	1.04	1.02	-0.19	29.6	15.9	
14,026.0	88.48	358.38	11,515.0	1,837.4	709.1	0.88	-0.28	-0.83	31.6	17.5	
14,121.0	90.42	1.37	11,515.9	1,932.3	708.9	3.75	2.04	3.15	32.2	17.2	
14,216.0	89.45	0.31	11,516.0	2,027.3	710.3	1.51	-1.02	-1.12	32.0	15.4	
14,311.0	92.13	0.84	11,514.7	2,122.3	711.3	2.88	2.82	0.56	30.4	14.0	
14,435.0	93.36	0.58	11,508.8	2,246.1	712.8	1.01	0.99	-0.21	24.1	11.9	
14,530.0	90.55	0.67	11,505.6	2,341.1	713.8	2.96	-2.96	0.09	20.6	10.4	
14,625.0	90.11	0.75	11,505.0	2,436.1	715.0	0.47	-0.46	0.08	19.8	8.8	
14,720.0	89.01	0.05	11,505.7	2,531.1	715.7	1.37	-1.16	-0.74	20.2	7.6	
14,815.0	87.60	0.49	11,508.6	2,626.0	716.1	1.55	-1.48	0.46	22.7	6.7	
14,910.0	86.86	0.05	11,513.1	2,720.9	716.6	0.91	-0.78	-0.46	27.0	5.9	
15,005.0	86.86	0.67	11,518.3	2,815.8	717.2	0.65	0.00	0.65	32.0	4.8	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
15,100.0	90.77	0.75	11,520.3	2,910.7	718.3	4.12	4.12	0.08	33.6	3.2
15,195.0	90.64	359.96	11,519.1	3,005.7	718.9	0.84	-0.14	-0.83	32.2	2.1
15,290.0	92.00	0.31	11,517.0	3,100.7	719.1	1.48	1.43	0.37	29.7	1.5
15,385.0	91.96	359.79	11,513.7	3,195.6	719.2	0.55	-0.04	-0.55	26.1	0.9
15,480.0	90.86	359.17	11,511.3	3,290.6	718.4	1.33	-1.16	-0.65	23.5	1.3
15,575.0	90.64	359.00	11,510.1	3,385.6	716.9	0.29	-0.23	-0.18	22.0	2.4
15,670.0	91.12	359.61	11,508.6	3,480.5	715.7	0.82	0.51	0.64	20.2	3.1
15,765.0	91.16	359.26	11,506.7	3,575.5	714.8	0.37	0.04	-0.37	18.0	3.6
15,860.0	90.46	358.64	11,505.4	3,670.5	713.0	0.98	-0.74	-0.65	16.4	4.9
15,955.0	89.85	358.56	11,505.1	3,765.5	710.7	0.65	-0.64	-0.08	15.9	6.7
16,050.0	88.97	359.00	11,506.1	3,860.4	708.7	1.04	-0.93	0.46	16.6	8.3
16,145.0	87.30	359.08	11,509.2	3,955.4	707.1	1.76	-1.76	0.08	19.4	9.5
16,240.0	85.80	358.91	11,514.9	4,050.2	705.4	1.59	-1.58	-0.18	24.8	10.7
16,335.0	85.98	359.08	11,521.7	4,144.9	703.8	0.26	0.19	0.18	31.2	11.9
16,430.0	87.69	0.05	11,527.0	4,239.8	703.0	2.07	1.80	1.02	36.2	12.1
16,525.0	86.37	359.35	11,531.9	4,334.6	702.5	1.57	-1.39	-0.74	40.7	12.1
16,619.0	87.38	359.17	11,537.0	4,428.5	701.3	1.09	1.07	-0.19	45.5	12.8
16,714.0	87.74	358.38	11,541.1	4,523.4	699.3	0.91	0.38	-0.83	49.3	14.4
16,809.0	90.86	358.82	11,542.2	4,618.3	697.0	3.32	3.28	0.46	50.1	16.2
16,904.0	91.38	358.73	11,540.4	4,713.3	695.0	0.56	0.55	-0.09	47.9	17.8
16,999.0	91.12	359.35	11,538.3	4,808.3	693.4	0.71	-0.27	0.65	45.5	18.9
17,094.0	92.88	0.93	11,535.0	4,903.2	693.6	2.49	1.85	1.66	41.8	18.2
17,189.0	90.55	358.29	11,532.1	4,998.1	692.9	3.71	-2.45	-2.78	38.7	18.3
17,285.0	90.07	357.32	11,531.6	5,094.1	689.3	1.13	-0.50	-1.01	37.8	21.5
17,379.0	89.76	359.79	11,531.8	5,188.0	686.9	2.65	-0.33	2.63	37.6	23.4
17,475.0	89.76	358.73	11,532.2	5,284.0	685.7	1.10	0.00	-1.10	37.7	24.2
17,570.0	89.80	1.46	11,532.5	5,379.0	685.8	2.87	0.04	2.87	37.7	23.5



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)	
17,665.0	89.80	1.28	11,532.9	5,474.0	688.1	0.19	0.00	-0.19	37.7	20.8	
17,760.0	92.66	3.13	11,530.8	5,568.9	691.7	3.59	3.01	1.95	35.4	16.7	
17,855.0	87.65	1.02	11,530.6	5,663.8	695.2	5.72	-5.27	-2.22	34.8	12.8	
17,950.0	89.05	2.33	11,533.3	5,758.7	698.0	2.02	1.47	1.38	37.2	9.5	
18,045.0	88.35	2.16	11,535.5	5,853.6	701.7	0.76	-0.74	-0.18	39.0	5.3	
18,140.0	90.86	3.74	11,536.1	5,948.4	706.6	3.12	2.64	1.66	39.3	-0.1	
18,235.0	88.57	3.57	11,536.6	6,043.2	712.6	2.42	-2.41	-0.18	39.4	-6.6	
18,330.0	89.27	2.77	11,538.4	6,138.1	717.9	1.12	0.74	-0.84	40.9	-12.3	
18,425.0	91.74	4.36	11,537.5	6,232.9	723.8	3.09	2.60	1.67	39.7	-18.7	
18,520.0	89.41	0.75	11,536.6	6,327.8	728.0	4.52	-2.45	-3.80	38.3	-23.4	
18,615.0	87.16	0.49	11,539.4	6,422.7	729.0	2.38	-2.37	-0.27	40.7	-25.0	
18,710.0	88.88	359.08	11,542.7	6,517.6	728.7	2.34	1.81	-1.48	43.7	-25.1	
18,806.0	89.67	358.12	11,543.9	6,613.6	726.3	1.29	0.82	-1.00	44.5	-23.2	
18,901.0	90.68	358.64	11,543.6	6,708.6	723.7	1.20	1.06	0.55	43.8	-21.0	
18,996.0	89.63	359.00	11,543.4	6,803.5	721.7	1.17	-1.11	0.38	43.2	-19.5	
19,091.0	88.97	359.26	11,544.5	6,898.5	720.3	0.75	-0.69	0.27	44.0	-18.6	
19,186.0	89.45	359.61	11,545.8	6,993.5	719.3	0.63	0.51	0.37	44.9	-18.1	
19,281.0	90.02	0.75	11,546.3	7,088.5	719.6	1.34	0.60	1.20	44.9	-18.9	
19,376.0	89.67	0.93	11,546.5	7,183.5	721.0	0.41	-0.37	0.19	44.8	-20.8	
19,471.0	89.85	359.96	11,546.9	7,278.5	721.7	1.04	0.19	-1.02	44.8	-22.0	
19,566.0	88.92	358.73	11,548.0	7,373.5	720.7	1.62	-0.98	-1.29	45.5	-21.4	
19,661.0	88.75	358.73	11,549.9	7,468.4	718.6	0.18	-0.18	0.00	47.0	-19.8	
19,756.0	89.36	359.26	11,551.5	7,563.4	716.9	0.85	0.64	0.56	48.2	-18.6	
19,851.0	91.34	0.58	11,550.9	7,658.4	716.8	2.50	2.08	1.39	47.3	-18.9	
19,946.0	88.84	358.12	11,550.7	7,753.4	715.7	3.69	-2.63	-2.59	46.7	-18.3	
20,041.0	90.46	358.64	11,551.3	7,848.3	713.0	1.79	1.71	0.55	46.9	-16.1	
20,137.0	87.43	358.20	11,553.1	7,944.3	710.3	3.19	-3.16	-0.46	48.3	-14.0	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
20,232.0	87.12	358.64	11,557.6	8,039.1	707.7	0.57	-0.33	0.46	52.5	-11.8
20,327.0	88.35	358.91	11,561.4	8,134.0	705.7	1.33	1.29	0.28	56.0	-10.3
20,422.0	88.88	358.64	11,563.6	8,229.0	703.7	0.63	0.56	-0.28	58.0	-8.8
20,517.0	89.89	358.38	11,564.7	8,323.9	701.2	1.10	1.06	-0.27	58.8	-6.8
20,612.0	88.35	358.12	11,566.1	8,418.9	698.3	1.64	-1.62	-0.27	60.0	-4.5
20,707.0	88.26	358.91	11,568.9	8,513.8	695.8	0.84	-0.09	0.83	62.6	-2.5
20,802.0	89.14	0.23	11,571.1	8,608.8	695.1	1.67	0.93	1.39	64.5	-2.3
20,897.0	90.07	0.23	11,571.7	8,703.8	695.5	0.98	0.98	0.00	64.9	-3.2
20,992.0	91.12	0.40	11,570.8	8,798.8	696.0	1.12	1.11	0.18	63.6	-4.3
21,087.0	91.38	0.67	11,568.7	8,893.7	696.9	0.39	0.27	0.28	61.3	-5.7
21,182.0	91.25	0.40	11,566.5	8,988.7	697.8	0.32	-0.14	-0.28	58.9	-7.1
21,277.0	91.69	0.67	11,564.1	9,083.7	698.7	0.54	0.46	0.28	56.2	-8.5
21,372.0	91.38	0.23	11,561.5	9,178.6	699.4	0.57	-0.33	-0.46	53.4	-9.7
21,467.0	92.48	0.75	11,558.3	9,273.6	700.2	1.28	1.16	0.55	49.9	-11.1
21,562.0	94.51	1.19	11,552.5	9,368.4	701.9	2.19	2.14	0.46	43.9	-13.2
21,629.0	95.47	1.63	11,546.7	9,435.1	703.5	1.58	1.43	0.66	37.8	-15.2
Last MWD Survey (MD=21629.0')										
21,686.0	95.47	1.63	11,541.3	9,491.8	705.1	0.00	0.00	0.00	32.3	-17.1
Projection to Bit (MD=21686.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,136.0	10,999.6	-801.4	717.1	KOP, MD:11136.0', TVD:10999.6', N/S:-801.4', E/W:717.1', INC:3.78
11,688.3	11,420.3	-491.1	714.1	FTP Crossing, MD:11688.3', TVD:11420.3', N/S:-491.1', E/W:714.1', INC:67.31
21,629.0	11,546.7	9,435.1	703.5	Last MWD Survey (MD=21629.0')
21,686.0	11,541.3	9,491.8	705.1	Projection to Bit (MD=21686.0')



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #730H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3209.0usft
Site:	Cassidy 18 Fed Com	MD Reference:	kb = 26' @ 3209.0usft
Well:	#730H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 07/26/2022

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Well Name: CASSIDY 18 FED COM	Well Location: T26S / R31E / SEC 18 / SESW / 32.0376526 / -103.8206893	County or Parish/State: EDDY / NM
Well Number: 730H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM059060, NMNM59060	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547874	Well Status: Producing Oil Well	Operator: EOG RESOURCES INCORPORATED

Notification

Sundry ID:	2684284	Type of Action:	First Production																								
Type of Submission:	Notification	Time Sundry Submitted:	9:39:13 AM																								
Date Sundry Submitted:	Jul 27, 2022																										
First Production Date:	Jul 21, 2022																										
US Well Number:	3001547874																										
First Production Remarks:	<table><thead><tr><th></th><th>Wellbore Code</th><th>Completion Code</th></tr></thead><tbody><tr><td>04/11/2022 RIG RELEASED</td><td>00</td><td>X1</td></tr><tr><td>05/10/2022 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI</td><td></td><td></td></tr><tr><td>06/09/2022 BEGIN PERF AND FRAC</td><td></td><td></td></tr><tr><td>06/30/2022 FINISH 46 STAGES PERF & FRAC 11,719 – 21,661’ W/ 3 1/8” 2070 SHOTS,</td><td></td><td></td></tr><tr><td>FRAC 19,945,457 LBS PROPPANT + 437,232 BBLS LOAD FLUID</td><td></td><td></td></tr><tr><td>07/06/2022 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE</td><td></td><td></td></tr><tr><td>07/21/2022 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION</td><td></td><td></td></tr></tbody></table>				Wellbore Code	Completion Code	04/11/2022 RIG RELEASED	00	X1	05/10/2022 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI			06/09/2022 BEGIN PERF AND FRAC			06/30/2022 FINISH 46 STAGES PERF & FRAC 11,719 – 21,661’ W/ 3 1/8” 2070 SHOTS,			FRAC 19,945,457 LBS PROPPANT + 437,232 BBLS LOAD FLUID			07/06/2022 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE			07/21/2022 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION		
	Wellbore Code	Completion Code																									
04/11/2022 RIG RELEASED	00	X1																									
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07/06/2022 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE																											
07/21/2022 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION																											
Disposition:	Accepted																										
Accepted Date:	08/01/2022																										

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised August 1, 2011						
1. WELL API NO.		30-015-47874								
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN										
3. State Oil & Gas Lease No.										
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name CASSIDY 18 FEDERAL COM						
				6. Well Number: 730H						
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator EOG RESOURCES INC				9. OGRID 7377						
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702				11. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	18	26S	31E		831	SOUTH	1693	WEST	EDDY
BH:	C	07	26S	31E		342	NORTH	2447	WEST	EDDY
13. Date Spudded 03/06/2022	14. Date T.D. Reached 04/08/2022		15. Date Rig Released 04/11/2022		16. Date Completed (Ready to Produce) 07/21/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3183' GL			
18. Total Measured Depth of Well MD 21,686' TVD 11,541'		19. Plug Back Measured Depth MD 21,661' TVD 11,541'		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None				
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP 11,719 - 21,661'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9 5/8"		40#		1147'		12 1/4"		620 CL C/CIRC		
7 5/8"		29.7#		10,661'		8 3/4"		1543 CL C&H /TOC		82' ECHO
5 1/2"		20#		21,669'		6 3/4"		1060 CL H TOC 11,016 CBL		PRESSURE TEST ATTACHED
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 11,719 - 21,661' 3 1/8", 2070 holes					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					11,719 - 21,661'		FRAC W 19,945,457 lbs proppant, 437,232 bbls load fld			
28. PRODUCTION										
Date First Production 07/21/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 07/31/2022	Hours Tested 24	Choke Size 56	Prod'n For Test Period	Oil - Bbl 3195	Gas - MCF 15,020	Water - Bbl. 6890	Gas - Oil Ratio 4700			
Flow Tubing Press.	Casing Pressure 2724	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 46				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude _____ Longitude _____ NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Kay Maddox			Name Kay Maddox			Title Senior Regulatory Specialist			Date 08/03/2022	
E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico			Northwestern New Mexico				
T. Anhy	Rustler	942'	T. Canyon	Brushy	6001'	T. Ojo Alamo	T. Penn A"
T. Salt		1212'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		3828'	T. Atoka			T. Fruitland	T. Penn. "C"
T. Yates			T. Miss			T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers			T. Devonian			T. Cliff House	T. Leadville
T. Queen			T. Silurian			T. Menefee	T. Madison
T. Grayburg			T. Montoya			T. Point Lookout	T. Elbert
T. San Andres			T. Simpson			T. Mancos	T. McCracken
T. Glorieta			T. McKee			T. Gallup	T. Ignacio Otzte
T. Paddock			T. Ellenburger			Base Greenhorn	T. Granite
T. Blinebry			T. Gr. Wash			T. Dakota	
T. Tubb			T. Delaware Sand			T. Morrison	
T. Drinkard			T. Bone Springs			T. Todilto	
T. Abo			T. 1st BS Sand	8717'		T. Entrada	
T. Wolfcamp		11,031'	T. 2nd BS Sand	9372'		T. Wingate	
T. Penn			T. 3rd BS Sand	10,649'		T. Chinle	
T. Cisco (Bough C)			T.			T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Submit a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015 - 47874
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CASSIDY 18 FEDERAL COM
8. Well Number 730H
9. OGRID Number 7377
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other	
2. Name of Operator EOG RESOURCES INC	
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702	
4. Well Location Unit Letter N : 831 feet from the SOUTH line and 1693 feet from the WEST line Section 18 Township 26S Range 31E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3183' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: CASING TEST ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

A HYDROSTATIC TEST WAS RUN ON THIS WELL 5/2/2024.
 PRESSURED UP TO 600 PSI FOR 30 MINUTES, PRESS HELD, TEST IS GOOD, TEST ATTACHED
 THE TOC IN THIS WELL IS BELOW THE CASING SHOE - INTERMEDIATE CASING SET
 @ 10,661', TOC BY CBL IS @ 11,016

THIS WELL DOES NOT REQUIRE ANY REMEDIAL CEMENT

Spud Date:

03/06/2022

Rig Release Date:

04/11/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE KAY MADDOX TITLE SENIOR REGULATORY SPECIALIST DATE 05/22/2024

Type or print name Kay Maddox E-mail address: kay_maddox@eogresources.com PHONE: 432-638-8475

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Hydrostatic Test Report

For

EOG

CASSIDY 18 FED COM 730 H

600 PSI

30 MIN

Purchase Order

5-2-24

Prepared By

NIGHTHAWK COMPLETIONS SERVICES LLC

Technicians

RAMIRO REYNA

Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
1	9:24:41 AM 5/2/2024	280	84.60	
2	9:24:46 AM 5/2/2024	280	84.46	
3	9:24:51 AM 5/2/2024	281	84.46	
4	9:24:56 AM 5/2/2024	390	84.47	
5	9:25:01 AM 5/2/2024	421	84.46	
6	9:25:06 AM 5/2/2024	424	84.46	
7	9:25:11 AM 5/2/2024	506	84.46	
8	9:25:16 AM 5/2/2024	447	84.46	
9	9:25:21 AM 5/2/2024	490	84.44	
10	9:25:26 AM 5/2/2024	545	84.44	
11	9:25:31 AM 5/2/2024	540	84.44	
12	9:25:36 AM 5/2/2024	544	84.44	
13	9:25:41 AM 5/2/2024	564	84.48	
14	9:25:46 AM 5/2/2024	595	84.48	
15	9:25:51 AM 5/2/2024	594	84.48	
16	9:25:56 AM 5/2/2024	571	84.48	
17	9:26:01 AM 5/2/2024	601	84.49	
18	9:26:06 AM 5/2/2024	629	84.49	
19	9:26:11 AM 5/2/2024	637	84.49	
20	9:26:16 AM 5/2/2024	622	84.49	
21	9:26:21 AM 5/2/2024	674	84.49	
22	9:26:26 AM 5/2/2024	625	84.49	
23	9:26:31 AM 5/2/2024	676	84.51	
24	9:26:36 AM 5/2/2024	565	84.51	
25	9:26:41 AM 5/2/2024	575	84.49	
26	9:26:46 AM 5/2/2024	654	84.52	
27	9:26:51 AM 5/2/2024	587	84.53	

Test Date: Thursday, May 2, 2024

Page 2 of 19

Print Date: Thursday, May 2, 2024 1:29:12 PM

Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
28	9:26:56 AM 5/2/2024	597	84.53	
29	9:27:01 AM 5/2/2024	720	84.55	
30	9:27:06 AM 5/2/2024	595	84.56	
31	9:27:11 AM 5/2/2024	592	84.56	
32	9:27:16 AM 5/2/2024	590	84.56	
33	9:27:21 AM 5/2/2024	590	84.56	
34	9:27:26 AM 5/2/2024	589	84.55	
35	9:27:31 AM 5/2/2024	589	84.55	
36	9:27:36 AM 5/2/2024	589	84.55	
37	9:27:41 AM 5/2/2024	588	84.55	
38	9:27:46 AM 5/2/2024	588	84.55	
39	9:27:51 AM 5/2/2024	588	84.55	
40	9:27:56 AM 5/2/2024	588	84.55	
41	9:28:01 AM 5/2/2024	587	84.52	
42	9:28:06 AM 5/2/2024	587	84.54	
43	9:28:11 AM 5/2/2024	587	84.45	
44	9:28:16 AM 5/2/2024	587	84.53	
45	9:28:21 AM 5/2/2024	587	84.55	
46	9:28:26 AM 5/2/2024	586	84.55	
47	9:28:31 AM 5/2/2024	586	84.55	
48	9:28:36 AM 5/2/2024	586	84.51	
49	9:28:41 AM 5/2/2024	586	84.51	
50	9:28:46 AM 5/2/2024	586	84.51	
51	9:28:51 AM 5/2/2024	586	84.51	
52	9:28:56 AM 5/2/2024	586	84.58	
53	9:29:01 AM 5/2/2024	586	84.60	
54	9:29:06 AM 5/2/2024	585	84.60	

Test Date: Thursday, May 2, 2024

Page 3 of 19

Print Date: Thursday, May 2, 2024 1:29:12 PM

Data Table

EOG CASSIDY 18 FED COM 730 H				
Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177				
Range: 15000 PSI				
Session: Session4_SN1708714177				
Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
55	9:29:11 AM 5/2/2024	585	84.60	
56	9:29:16 AM 5/2/2024	585	84.58	
57	9:29:21 AM 5/2/2024	585	84.58	
58	9:29:26 AM 5/2/2024	585	84.61	
59	9:29:31 AM 5/2/2024	585	84.61	
60	9:29:36 AM 5/2/2024	585	84.61	
61	9:29:41 AM 5/2/2024	585	84.66	
62	9:29:46 AM 5/2/2024	585	84.61	
63	9:29:51 AM 5/2/2024	585	84.61	
64	9:29:56 AM 5/2/2024	585	84.68	
65	9:30:01 AM 5/2/2024	585	84.71	
66	9:30:06 AM 5/2/2024	585	84.72	
67	9:30:11 AM 5/2/2024	585	84.72	
68	9:30:16 AM 5/2/2024	585	84.72	
69	9:30:21 AM 5/2/2024	585	84.74	
70	9:30:26 AM 5/2/2024	585	84.76	
71	9:30:31 AM 5/2/2024	585	84.76	
72	9:30:36 AM 5/2/2024	585	84.76	
73	9:30:41 AM 5/2/2024	585	84.76	
74	9:30:46 AM 5/2/2024	585	84.79	
75	9:30:51 AM 5/2/2024	585	84.79	
76	9:30:56 AM 5/2/2024	585	84.79	
77	9:31:01 AM 5/2/2024	585	84.79	
78	9:31:06 AM 5/2/2024	585	84.79	
79	9:31:11 AM 5/2/2024	585	84.79	
80	9:31:16 AM 5/2/2024	585	84.79	
81	9:31:21 AM 5/2/2024	585	84.79	

Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
82	9:31:26 AM 5/2/2024	585	84.79	
83	9:31:31 AM 5/2/2024	585	84.79	
84	9:31:36 AM 5/2/2024	585	84.79	
85	9:31:41 AM 5/2/2024	585	84.79	
86	9:31:46 AM 5/2/2024	585	84.79	
87	9:31:51 AM 5/2/2024	585	84.79	
88	9:31:56 AM 5/2/2024	585	84.96	
89	9:32:01 AM 5/2/2024	585	84.99	
90	9:32:06 AM 5/2/2024	585	85.00	
91	9:32:11 AM 5/2/2024	585	84.99	
92	9:32:16 AM 5/2/2024	585	85.03	
93	9:32:21 AM 5/2/2024	585	85.03	
94	9:32:26 AM 5/2/2024	585	85.03	
95	9:32:31 AM 5/2/2024	585	85.07	
96	9:32:36 AM 5/2/2024	585	85.07	
97	9:32:41 AM 5/2/2024	585	85.07	
98	9:32:46 AM 5/2/2024	585	85.14	
99	9:32:51 AM 5/2/2024	585	85.14	
100	9:32:56 AM 5/2/2024	585	85.16	
101	9:33:01 AM 5/2/2024	585	85.16	
102	9:33:06 AM 5/2/2024	585	85.17	
103	9:33:11 AM 5/2/2024	585	85.17	
104	9:33:16 AM 5/2/2024	585	85.17	
105	9:33:21 AM 5/2/2024	585	85.17	
106	9:33:26 AM 5/2/2024	585	85.17	
107	9:33:31 AM 5/2/2024	585	85.17	
108	9:33:36 AM 5/2/2024	585	85.17	

Test Date: Thursday, May 2, 2024

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
109	9:33:41 AM 5/2/2024	585	85.33	
110	9:33:46 AM 5/2/2024	585	85.33	
111	9:33:51 AM 5/2/2024	585	85.34	
112	9:33:56 AM 5/2/2024	585	85.34	
113	9:34:01 AM 5/2/2024	585	85.36	
114	9:34:06 AM 5/2/2024	585	85.30	
115	9:34:11 AM 5/2/2024	585	85.30	
116	9:34:16 AM 5/2/2024	585	85.40	
117	9:34:21 AM 5/2/2024	585	85.40	
118	9:34:26 AM 5/2/2024	585	85.47	
119	9:34:31 AM 5/2/2024	585	85.47	
120	9:34:36 AM 5/2/2024	584	85.47	
121	9:34:41 AM 5/2/2024	585	85.47	
122	9:34:46 AM 5/2/2024	585	85.52	
123	9:34:51 AM 5/2/2024	584	85.52	
124	9:34:56 AM 5/2/2024	585	85.53	
125	9:35:01 AM 5/2/2024	584	85.52	
126	9:35:06 AM 5/2/2024	585	85.52	
127	9:35:11 AM 5/2/2024	584	85.57	
128	9:35:16 AM 5/2/2024	584	85.57	
129	9:35:21 AM 5/2/2024	584	85.57	
130	9:35:26 AM 5/2/2024	585	85.57	
131	9:35:31 AM 5/2/2024	585	85.61	
132	9:35:36 AM 5/2/2024	585	85.63	
133	9:35:41 AM 5/2/2024	585	85.58	
134	9:35:46 AM 5/2/2024	585	85.58	
135	9:35:51 AM 5/2/2024	585	85.68	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
136	9:35:56 AM 5/2/2024	585	85.68	
137	9:36:01 AM 5/2/2024	585	85.72	
138	9:36:06 AM 5/2/2024	585	85.71	
139	9:36:11 AM 5/2/2024	585	85.71	
140	9:36:16 AM 5/2/2024	585	85.71	
141	9:36:21 AM 5/2/2024	585	85.71	
142	9:36:26 AM 5/2/2024	585	85.78	
143	9:36:31 AM 5/2/2024	585	85.78	
144	9:36:36 AM 5/2/2024	585	85.83	
145	9:36:41 AM 5/2/2024	585	85.83	
146	9:36:46 AM 5/2/2024	585	85.83	
147	9:36:51 AM 5/2/2024	585	85.83	
148	9:36:56 AM 5/2/2024	585	85.83	
149	9:37:01 AM 5/2/2024	585	85.89	
150	9:37:06 AM 5/2/2024	585	85.90	
151	9:37:11 AM 5/2/2024	585	85.90	
152	9:37:16 AM 5/2/2024	585	85.90	
153	9:37:21 AM 5/2/2024	585	85.98	
154	9:37:26 AM 5/2/2024	585	85.99	
155	9:37:31 AM 5/2/2024	585	85.99	
156	9:37:36 AM 5/2/2024	585	86.00	
157	9:37:41 AM 5/2/2024	586	86.00	
158	9:37:46 AM 5/2/2024	585	86.00	
159	9:37:51 AM 5/2/2024	586	86.00	
160	9:37:56 AM 5/2/2024	586	86.00	
161	9:38:01 AM 5/2/2024	586	86.00	
162	9:38:06 AM 5/2/2024	586	86.14	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
163	9:38:11 AM 5/2/2024	585	86.14	
164	9:38:16 AM 5/2/2024	586	86.14	
165	9:38:21 AM 5/2/2024	586	86.14	
166	9:38:26 AM 5/2/2024	586	86.19	
167	9:38:31 AM 5/2/2024	585	86.24	
168	9:38:36 AM 5/2/2024	585	86.27	
169	9:38:41 AM 5/2/2024	585	86.27	
170	9:38:46 AM 5/2/2024	585	86.27	
171	9:38:51 AM 5/2/2024	585	86.27	
172	9:38:56 AM 5/2/2024	585	86.27	
173	9:39:01 AM 5/2/2024	585	86.37	
174	9:39:06 AM 5/2/2024	585	86.37	
175	9:39:11 AM 5/2/2024	585	86.37	
176	9:39:16 AM 5/2/2024	585	86.40	
177	9:39:21 AM 5/2/2024	585	86.40	
178	9:39:26 AM 5/2/2024	585	86.40	
179	9:39:31 AM 5/2/2024	585	86.40	
180	9:39:36 AM 5/2/2024	585	86.49	
181	9:39:41 AM 5/2/2024	585	86.51	
182	9:39:46 AM 5/2/2024	585	86.53	
183	9:39:51 AM 5/2/2024	585	86.53	
184	9:39:56 AM 5/2/2024	585	86.53	
185	9:40:01 AM 5/2/2024	585	86.53	
186	9:40:06 AM 5/2/2024	585	86.53	
187	9:40:11 AM 5/2/2024	585	86.61	
188	9:40:16 AM 5/2/2024	585	86.61	
189	9:40:21 AM 5/2/2024	585	86.63	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
190	9:40:26 AM 5/2/2024	585	86.63	
191	9:40:31 AM 5/2/2024	585	86.67	
192	9:40:36 AM 5/2/2024	585	86.69	
193	9:40:41 AM 5/2/2024	585	86.68	
194	9:40:46 AM 5/2/2024	585	86.70	
195	9:40:51 AM 5/2/2024	585	86.70	
196	9:40:56 AM 5/2/2024	585	86.76	
197	9:41:01 AM 5/2/2024	585	86.75	
198	9:41:06 AM 5/2/2024	585	86.76	
199	9:41:11 AM 5/2/2024	585	86.75	
200	9:41:16 AM 5/2/2024	585	86.75	
201	9:41:21 AM 5/2/2024	585	86.77	
202	9:41:26 AM 5/2/2024	585	86.78	
203	9:41:31 AM 5/2/2024	585	86.78	
204	9:41:36 AM 5/2/2024	585	86.78	
205	9:41:41 AM 5/2/2024	585	86.78	
206	9:41:46 AM 5/2/2024	585	86.78	
207	9:41:51 AM 5/2/2024	585	86.78	
208	9:41:56 AM 5/2/2024	585	86.78	
209	9:42:01 AM 5/2/2024	585	86.78	
210	9:42:06 AM 5/2/2024	585	86.78	
211	9:42:11 AM 5/2/2024	585	86.78	
212	9:42:16 AM 5/2/2024	585	86.78	
213	9:42:21 AM 5/2/2024	585	86.78	
214	9:42:26 AM 5/2/2024	585	87.02	
215	9:42:31 AM 5/2/2024	585	87.02	
216	9:42:36 AM 5/2/2024	585	87.02	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
217	9:42:41 AM 5/2/2024	585	87.02	
218	9:42:46 AM 5/2/2024	585	87.02	
219	9:42:51 AM 5/2/2024	585	87.07	
220	9:42:56 AM 5/2/2024	585	87.07	
221	9:43:01 AM 5/2/2024	585	87.10	
222	9:43:06 AM 5/2/2024	585	87.12	
223	9:43:11 AM 5/2/2024	585	87.13	
224	9:43:16 AM 5/2/2024	585	87.17	
225	9:43:21 AM 5/2/2024	585	87.13	
226	9:43:26 AM 5/2/2024	585	87.18	
227	9:43:31 AM 5/2/2024	585	87.16	
228	9:43:36 AM 5/2/2024	585	87.21	
229	9:43:41 AM 5/2/2024	585	87.21	
230	9:43:46 AM 5/2/2024	586	87.21	
231	9:43:51 AM 5/2/2024	586	87.21	
232	9:43:56 AM 5/2/2024	586	87.21	
233	9:44:01 AM 5/2/2024	586	87.27	
234	9:44:06 AM 5/2/2024	586	87.29	
235	9:44:11 AM 5/2/2024	586	87.27	
236	9:44:16 AM 5/2/2024	586	87.27	
237	9:44:21 AM 5/2/2024	586	87.27	
238	9:44:26 AM 5/2/2024	586	87.34	
239	9:44:31 AM 5/2/2024	586	87.37	
240	9:44:36 AM 5/2/2024	586	87.37	
241	9:44:41 AM 5/2/2024	586	87.39	
242	9:44:46 AM 5/2/2024	586	87.40	
243	9:44:51 AM 5/2/2024	586	87.40	

Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
244	9:44:56 AM 5/2/2024	586	87.40	
245	9:45:01 AM 5/2/2024	586	87.40	
246	9:45:06 AM 5/2/2024	586	87.43	
247	9:45:11 AM 5/2/2024	586	87.46	
248	9:45:16 AM 5/2/2024	586	87.48	
249	9:45:21 AM 5/2/2024	586	87.51	
250	9:45:26 AM 5/2/2024	586	87.51	
251	9:45:31 AM 5/2/2024	586	87.51	
252	9:45:36 AM 5/2/2024	586	87.51	
253	9:45:41 AM 5/2/2024	586	87.54	
254	9:45:46 AM 5/2/2024	586	87.54	
255	9:45:51 AM 5/2/2024	586	87.54	
256	9:45:56 AM 5/2/2024	586	87.54	
257	9:46:01 AM 5/2/2024	586	87.54	
258	9:46:06 AM 5/2/2024	586	87.54	
259	9:46:11 AM 5/2/2024	586	87.54	
260	9:46:16 AM 5/2/2024	586	87.54	
261	9:46:21 AM 5/2/2024	586	87.62	
262	9:46:26 AM 5/2/2024	586	87.62	
263	9:46:31 AM 5/2/2024	586	87.62	
264	9:46:36 AM 5/2/2024	586	87.69	
265	9:46:41 AM 5/2/2024	586	87.72	
266	9:46:46 AM 5/2/2024	586	87.74	
267	9:46:51 AM 5/2/2024	586	87.74	
268	9:46:56 AM 5/2/2024	586	87.77	
269	9:47:01 AM 5/2/2024	586	87.77	
270	9:47:06 AM 5/2/2024	586	87.81	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
271	9:47:11 AM 5/2/2024	586	87.81	
272	9:47:16 AM 5/2/2024	586	87.83	
273	9:47:21 AM 5/2/2024	586	87.83	
274	9:47:26 AM 5/2/2024	586	87.86	
275	9:47:31 AM 5/2/2024	586	87.86	
276	9:47:36 AM 5/2/2024	586	87.86	
277	9:47:41 AM 5/2/2024	586	87.86	
278	9:47:46 AM 5/2/2024	586	87.91	
279	9:47:51 AM 5/2/2024	586	87.96	
280	9:47:56 AM 5/2/2024	586	87.97	
281	9:48:01 AM 5/2/2024	586	87.96	
282	9:48:06 AM 5/2/2024	586	87.96	
283	9:48:11 AM 5/2/2024	586	87.96	
284	9:48:16 AM 5/2/2024	586	88.00	
285	9:48:21 AM 5/2/2024	586	87.99	
286	9:48:26 AM 5/2/2024	586	87.99	
287	9:48:31 AM 5/2/2024	586	87.99	
288	9:48:36 AM 5/2/2024	586	88.01	
289	9:48:41 AM 5/2/2024	586	88.01	
290	9:48:46 AM 5/2/2024	586	88.01	
291	9:48:51 AM 5/2/2024	586	88.03	
292	9:48:56 AM 5/2/2024	586	88.03	
293	9:49:01 AM 5/2/2024	586	88.05	
294	9:49:06 AM 5/2/2024	586	88.05	
295	9:49:11 AM 5/2/2024	586	88.06	
296	9:49:16 AM 5/2/2024	586	88.08	
297	9:49:21 AM 5/2/2024	586	88.08	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
298	9:49:26 AM 5/2/2024	586	88.09	
299	9:49:31 AM 5/2/2024	586	88.10	
300	9:49:36 AM 5/2/2024	586	88.10	
301	9:49:41 AM 5/2/2024	586	88.10	
302	9:49:46 AM 5/2/2024	586	88.11	
303	9:49:51 AM 5/2/2024	586	88.11	
304	9:49:56 AM 5/2/2024	586	88.11	
305	9:50:01 AM 5/2/2024	586	88.11	
306	9:50:06 AM 5/2/2024	586	88.11	
307	9:50:11 AM 5/2/2024	586	88.11	
308	9:50:16 AM 5/2/2024	586	88.11	
309	9:50:21 AM 5/2/2024	586	88.11	
310	9:50:26 AM 5/2/2024	586	88.11	
311	9:50:31 AM 5/2/2024	586	88.11	
312	9:50:36 AM 5/2/2024	586	88.11	
313	9:50:41 AM 5/2/2024	586	88.11	
314	9:50:46 AM 5/2/2024	586	88.25	
315	9:50:51 AM 5/2/2024	586	88.26	
316	9:50:56 AM 5/2/2024	587	88.26	
317	9:51:01 AM 5/2/2024	587	88.26	
318	9:51:06 AM 5/2/2024	587	88.26	
319	9:51:11 AM 5/2/2024	587	88.33	
320	9:51:16 AM 5/2/2024	587	88.33	
321	9:51:21 AM 5/2/2024	587	88.33	
322	9:51:26 AM 5/2/2024	587	88.33	
323	9:51:31 AM 5/2/2024	587	88.33	
324	9:51:36 AM 5/2/2024	587	88.42	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
325	9:51:41 AM 5/2/2024	587	88.42	
326	9:51:46 AM 5/2/2024	587	88.45	
327	9:51:51 AM 5/2/2024	587	88.45	
328	9:51:56 AM 5/2/2024	587	88.53	
329	9:52:01 AM 5/2/2024	587	88.55	
330	9:52:06 AM 5/2/2024	587	88.58	
331	9:52:11 AM 5/2/2024	588	88.60	
332	9:52:16 AM 5/2/2024	588	88.60	
333	9:52:21 AM 5/2/2024	588	88.64	
334	9:52:26 AM 5/2/2024	588	88.67	
335	9:52:31 AM 5/2/2024	588	88.67	
336	9:52:36 AM 5/2/2024	588	88.75	
337	9:52:41 AM 5/2/2024	588	88.76	
338	9:52:46 AM 5/2/2024	588	88.79	
339	9:52:51 AM 5/2/2024	588	88.82	
340	9:52:56 AM 5/2/2024	588	88.86	
341	9:53:01 AM 5/2/2024	588	88.87	
342	9:53:06 AM 5/2/2024	588	88.90	
343	9:53:11 AM 5/2/2024	588	88.93	
344	9:53:16 AM 5/2/2024	588	88.85	
345	9:53:21 AM 5/2/2024	588	88.95	
346	9:53:26 AM 5/2/2024	588	88.95	
347	9:53:31 AM 5/2/2024	589	88.96	
348	9:53:36 AM 5/2/2024	589	88.96	
349	9:53:41 AM 5/2/2024	589	88.96	
350	9:53:46 AM 5/2/2024	589	88.96	
351	9:53:51 AM 5/2/2024	589	89.16	

Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
352	9:53:56 AM 5/2/2024	589	89.16	
353	9:54:01 AM 5/2/2024	589	89.23	
354	9:54:06 AM 5/2/2024	589	89.23	
355	9:54:11 AM 5/2/2024	589	89.25	
356	9:54:16 AM 5/2/2024	589	89.28	
357	9:54:21 AM 5/2/2024	589	89.31	
358	9:54:26 AM 5/2/2024	589	89.31	
359	9:54:31 AM 5/2/2024	589	89.34	
360	9:54:36 AM 5/2/2024	589	89.34	
361	9:54:41 AM 5/2/2024	589	89.41	
362	9:54:46 AM 5/2/2024	589	89.41	
363	9:54:51 AM 5/2/2024	589	89.41	
364	9:54:56 AM 5/2/2024	590	89.41	
365	9:55:01 AM 5/2/2024	590	89.50	
366	9:55:06 AM 5/2/2024	590	89.53	
367	9:55:11 AM 5/2/2024	590	89.54	
368	9:55:16 AM 5/2/2024	590	89.57	
369	9:55:21 AM 5/2/2024	590	89.57	
370	9:55:26 AM 5/2/2024	590	89.57	
371	9:55:31 AM 5/2/2024	590	89.57	
372	9:55:36 AM 5/2/2024	590	89.57	
373	9:55:41 AM 5/2/2024	590	89.65	
374	9:55:46 AM 5/2/2024	590	89.65	
375	9:55:51 AM 5/2/2024	590	89.68	
376	9:55:56 AM 5/2/2024	590	89.68	
377	9:56:01 AM 5/2/2024	589	89.68	
378	9:56:06 AM 5/2/2024	589	89.68	

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Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
379	9:56:11 AM 5/2/2024	589	89.81	
380	9:56:16 AM 5/2/2024	589	89.84	
381	9:56:21 AM 5/2/2024	589	89.86	
382	9:56:26 AM 5/2/2024	589	89.89	
383	9:56:31 AM 5/2/2024	589	89.89	
384	9:56:36 AM 5/2/2024	589	89.90	
385	9:56:41 AM 5/2/2024	589	89.90	
386	9:56:46 AM 5/2/2024	589	89.90	
387	9:56:51 AM 5/2/2024	589	89.97	
388	9:56:56 AM 5/2/2024	589	90.01	
389	9:57:01 AM 5/2/2024	589	90.01	
390	9:57:06 AM 5/2/2024	588	90.01	
391	9:57:11 AM 5/2/2024	589	90.09	
392	9:57:16 AM 5/2/2024	588	90.09	
393	9:57:21 AM 5/2/2024	589	90.14	
394	9:57:26 AM 5/2/2024	581	90.12	
395	9:57:31 AM 5/2/2024	574	90.17	
396	9:57:36 AM 5/2/2024	559	90.17	
397	9:57:41 AM 5/2/2024	550	90.19	
398	9:57:46 AM 5/2/2024	551	90.23	
399	9:57:51 AM 5/2/2024	549	90.23	
400	9:57:56 AM 5/2/2024	534	90.25	
401	9:58:01 AM 5/2/2024	525	90.25	
402	9:58:06 AM 5/2/2024	518	90.29	
403	9:58:11 AM 5/2/2024	513	90.34	
404	9:58:16 AM 5/2/2024	503	90.34	
405	9:58:21 AM 5/2/2024	495	90.39	

Test Date: Thursday, May 2, 2024

Page 16 of 19

Print Date: Thursday, May 2, 2024 1:29:12 PM

Data Table

EOG CASSIDY 18 FED COM 730 H

Logger: Vaetrix DCR-14.5K-I-05-BT-RTD S/N 1708714177

Range: 15000 PSI

Session: Session4_SN1708714177

Sample No.	Time	Pressure	Ambient	RTD
		PSI	°F	°F
406	9:58:26 AM 5/2/2024	480	90.40	
407	9:58:31 AM 5/2/2024	467	90.38	
408	9:58:36 AM 5/2/2024	459	90.38	
409	9:58:41 AM 5/2/2024	446	90.38	
410	9:58:46 AM 5/2/2024	431	90.38	
411	9:58:51 AM 5/2/2024	417	90.38	
412	9:58:56 AM 5/2/2024	406	90.50	
413	9:59:01 AM 5/2/2024	392	90.54	
414	9:59:06 AM 5/2/2024	375	90.53	
415	9:59:11 AM 5/2/2024	361	90.53	
416	9:59:16 AM 5/2/2024	347	90.53	
417	9:59:21 AM 5/2/2024	365	90.53	
418	9:59:26 AM 5/2/2024	371	90.59	

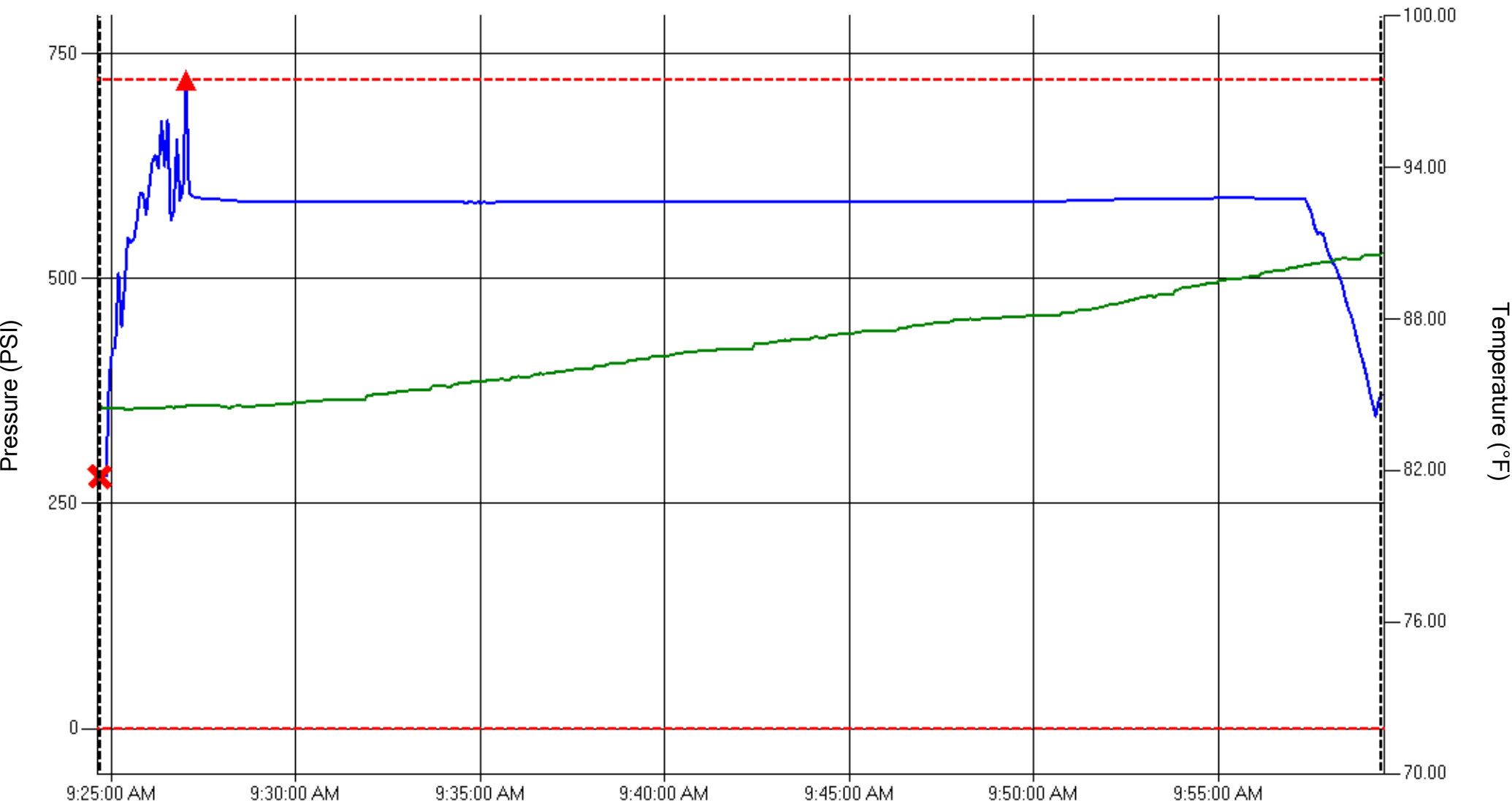
Signature of Technician(s)

Name	Signature
------	-----------

RAMIRO REYNA

Signature of Inspector(s)

Name	Signature
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Pressure	Log	Min Max During Test	Alarms Settings	Test Window
Ambient	Start: 9:24:41 AM	▲ Maximum: 720 PSI	High: 720 PSI	Start: 9:24:41 AM
RTD	End: 9:59:26 AM	✕ Minimum: 280 PSI	Low: 0 PSI	End: 9:59:26 AM
	Total Elapsed Time: 0:34:45			Elapsed Time: 0:34:45

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 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

ACKNOWLEDGMENTS

Action 346947

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 346947
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 346947

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 346947
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	File 3160-4 within 10 days of BLM Approval	6/5/2024