

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Redwood Operating LLC P.O. Box 1370 Artesia, NM 88211-1370		² OGRID Number 330211
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 0 15-48887	⁵ Pool Name Red Lake; Glorieta-Yeso	⁶ Pool Code 51120
⁷ Property Code 329360	⁸ Property Name Brainard 11	⁹ Well Number 2H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	12	18S	26E		465	North	575	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	18S	26E		325	North	12	West	Eddy

¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/23/2022	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
278421	Holly Marketing & Refining Co, LLC P.O. Box 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
8/3/2022	12/8/2022	8034'	8001'	3048-7934'	

²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement
12 1/4"	9 5/8"	1225'	555sx
8 3/4"	7"	2665'	1545sx
8 3/4"	5 1/2"	8034'	145sx
	2 7/8" Tubing	2545'	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
1/3/2023	12/23/2022	1/3/2023	24 hours		

³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method
66		6003	506	Pumping

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: <i>Deana Weaver</i> Printed name: Deana Weaver Title: Regulatory Technician II E-mail Address: dweaver@mec.com Date: 1/4/2023	OIL CONSERVATION DIVISION Approved by: <i>Nedra Murphy</i> Title: Petroleum Specialist Approval Date: 5/4/2023 Phone: 575-748-1288
--	--

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT "AS Drilled"

¹ API Number 30-015-48887		² Pool Code 51120		³ Pool Name Red Lake; Glorieta-Yeso	
⁴ Property Code 329360		⁵ Property Name BRAINARD 11			⁶ Well Number 2H
⁷ OGRID No. 330211		⁸ Operator Name REDWOOD OPERATING, LLC			⁹ Elevation 3282.4

¹⁰ Surface Location

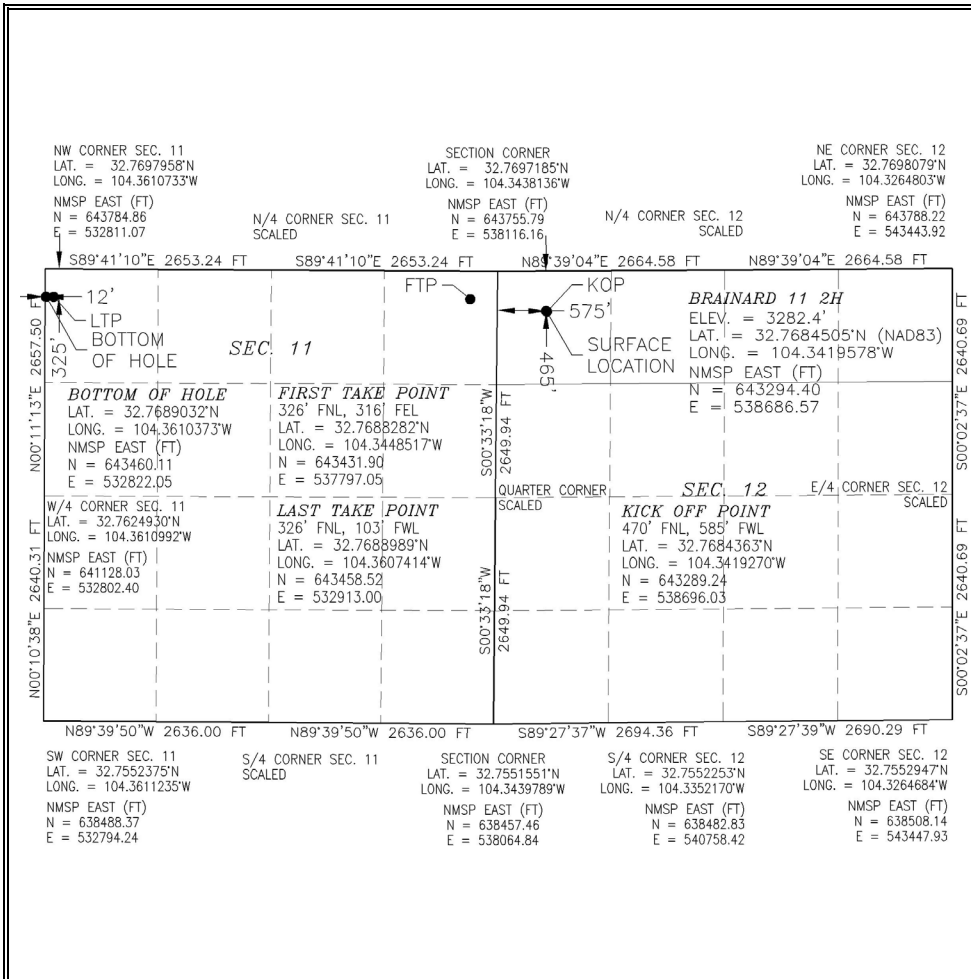
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	18 S	26 E		465	NORTH	575	WEST	EDDY

¹¹ 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
D	11	18 S	26 E		325	NORTH	12	WEST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Deana Weaver 1/4/2023
Signature Date

Deana Weaver
Printed Name

dweaver@mec.com
E-mail Address

18 SURVEYOR CERTIFICATION

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

DECEMBER 6, 2022
Date of Survey

William F. Jaramillo
Signature and Seal of Professional Surveyor

Certificate Number: **12797**
Professional Surveyor License No. 7333A

Intent As Drilled

API # 30-015-48887		
Operator Name: REDWOOD OPERATING, LLC	Property Name: BRAINARD 11	Well Number 2H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	12	18S	26E		470	NORTH	585	WEST	EDDY
Latitude 32.7684363					Longitude 104.3419270				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	12	18S	26E		326	NORTH	316	EAST	EDDY
Latitude 32.7688282					Longitude 104.3448517				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	12	18S	26E		326	NORTH	103	WEST	EDDY
Latitude 32.7688989					Longitude 104.3607414				NAD 83

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

Redwood Operating LLC

**Eddy County, NM
Sec 12-T18S-R26E
Brainard 11 2H**

Wellbore #1

Survey: Survey #1

Standard Survey Report

12 August, 2022

Microsoft Survey Report

Company: Redwood Operating LLC	Local Co-ordinate Reference: Well Brainard 11 2H
Project: Eddy County, NM	TVD Reference: 3282.4+22 @ 3304.4usft
Site: Sec 12-T18S-R26E	MD Reference: 3282.4+22 @ 3304.4usft
Well: Brainard 11 2H	North Reference: Grid
Wellbore: Wellbore #1	Survey Calculation Method: Minimum Curvature
Design: Wellbore #1	Database: EDM 5000.15 Single User Db

Project Eddy County, NM		
Map System: US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum: North American Datum 1983		
Map Zone: New Mexico Eastern Zone		

Site Sec 12-T18S-R26E			
Site Position:	Northing: 643,294.40 usft	Latitude:	32° 46' 6.422 N
From: Map	Easting: 538,686.57 usft	Longitude:	104° 20' 31.048 W
Position Uncertainty: 0.0 usft	Slot Radius: 13-3/16 "	Grid Convergence:	0.00 °

Well Brainard 11 2H			
Well Position	+N/-S 0.0 usft	Northing: 643,294.40 usft	Latitude: 32° 46' 6.422 N
	+E/-W 0.0 usft	Easting: 538,686.57 usft	Longitude: 104° 20' 31.048 W
Position Uncertainty	0.0 usft	Wellhead Elevation: usft	Ground Level: 3,282.4 usft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	06/08/22	6.82	60.37	47,665.89183080

Design Wellbore #1				
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	271.57

Survey Program		Date 08/12/22		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
166.0	8,025.0	Survey #1 (Wellbore #1)	MWD	OWSG MWD - Standard

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
166.0	0.40	294.60	166.0	0.2	-0.5	0.5	0.24	0.24	0.00	
1st MWD Survey										
254.0	0.50	171.20	254.0	0.0	-0.7	0.7	0.90	0.11	-140.23	
376.0	0.90	165.10	376.0	-1.5	-0.4	0.4	0.33	0.33	-5.00	
503.0	1.10	185.10	503.0	-3.6	-0.3	0.2	0.31	0.16	15.75	
629.0	1.60	182.00	628.9	-6.6	-0.4	0.3	0.40	0.40	-2.46	
819.0	1.00	73.60	818.9	-8.8	1.1	-1.3	1.13	-0.32	-57.05	
946.0	1.00	73.90	945.9	-8.2	3.2	-3.4	0.00	0.00	0.24	
1,072.0	0.70	72.80	1,071.9	-7.6	5.0	-5.2	0.24	-0.24	-0.87	
1,135.0	0.70	74.10	1,134.9	-7.4	5.7	-5.9	0.03	0.00	2.06	

Microsoft
Survey Report

Company:	Redwood Operating LLC	Local Co-ordinate Reference:	Well Brainard 11 2H
Project:	Eddy County, NM	TVD Reference:	3282.4+22 @ 3304.4usft
Site:	Sec 12-T18S-R26E	MD Reference:	3282.4+22 @ 3304.4usft
Well:	Brainard 11 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,257.0	0.40	88.20	1,256.9	-7.2	6.9	-7.1	0.27	-0.25	11.56	
1,384.0	0.40	71.10	1,383.9	-7.0	7.7	-7.9	0.09	0.00	-13.46	
1,511.0	0.60	78.60	1,510.9	-6.8	8.8	-9.0	0.17	0.16	5.91	
1,637.0	0.50	48.70	1,636.8	-6.3	9.9	-10.0	0.24	-0.08	-23.73	
1,700.0	2.00	327.40	1,699.8	-5.2	9.5	-9.6	3.15	2.38	-129.05	
1,764.0	5.20	303.80	1,763.7	-2.6	6.5	-6.5	5.41	5.00	-36.88	
1,827.0	9.80	298.30	1,826.1	1.5	-0.6	0.7	7.38	7.30	-8.73	
1,890.0	14.80	289.70	1,887.7	6.8	-12.9	13.1	8.43	7.94	-13.65	
1,954.0	20.20	288.60	1,948.7	13.1	-31.1	31.5	8.45	8.44	-1.72	
1,987.0	23.20	287.60	1,979.4	16.9	-42.7	43.2	9.16	9.09	-3.03	
2,017.0	25.70	286.00	2,006.7	20.4	-54.6	55.2	8.62	8.33	-5.33	
2,080.0	30.60	282.70	2,062.2	27.7	-83.4	84.1	8.16	7.78	-5.24	
2,143.0	35.60	279.50	2,115.0	34.3	-117.2	118.1	8.40	7.94	-5.08	
2,206.0	41.00	281.00	2,164.4	41.3	-155.6	156.6	8.70	8.57	2.38	
2,270.0	46.50	282.10	2,210.6	50.1	-198.9	200.2	8.68	8.59	1.72	
2,333.0	52.20	282.40	2,251.6	60.3	-245.6	247.1	9.05	9.05	0.48	
2,373.0	55.60	282.90	2,275.2	67.4	-277.1	278.9	8.56	8.50	1.25	
2,383.0	56.00	282.80	2,280.8	69.2	-285.2	287.0	4.08	4.00	-1.00	
2,393.0	56.30	282.90	2,286.4	71.0	-293.3	295.1	3.11	3.00	1.00	
2,403.0	56.40	282.40	2,291.9	72.9	-301.4	303.3	4.28	1.00	-5.00	
2,413.0	56.70	282.40	2,297.4	74.7	-309.6	311.5	3.00	3.00	0.00	
2,423.0	57.10	282.30	2,302.9	76.5	-317.7	319.7	4.09	4.00	-1.00	
2,433.0	57.30	282.20	2,308.3	78.2	-325.9	328.0	2.17	2.00	-1.00	
2,443.0	57.50	282.10	2,313.7	80.0	-334.2	336.2	2.17	2.00	-1.00	
2,453.0	57.70	282.10	2,319.1	81.8	-342.4	344.5	2.00	2.00	0.00	
2,463.0	57.80	282.00	2,324.4	83.5	-350.7	352.9	1.31	1.00	-1.00	
2,473.0	57.90	281.90	2,329.7	85.3	-359.0	361.2	1.31	1.00	-1.00	
2,483.0	58.10	281.90	2,335.0	87.0	-367.3	369.5	2.00	2.00	0.00	
2,493.0	58.20	281.90	2,340.3	88.8	-375.6	377.9	1.00	1.00	0.00	
2,503.0	58.30	281.90	2,345.6	90.5	-383.9	386.3	1.00	1.00	0.00	
2,513.0	58.40	281.80	2,350.8	92.3	-392.3	394.6	1.31	1.00	-1.00	
2,523.0	58.50	281.90	2,356.0	94.0	-400.6	403.0	1.31	1.00	1.00	
2,533.0	58.60	281.80	2,361.3	95.8	-408.9	411.4	1.31	1.00	-1.00	
2,543.0	58.80	282.00	2,366.4	97.6	-417.3	419.8	2.63	2.00	2.00	
2,553.0	58.90	281.90	2,371.6	99.3	-425.7	428.2	1.32	1.00	-1.00	
2,563.0	59.00	281.80	2,376.8	101.1	-434.1	436.7	1.32	1.00	-1.00	
2,573.0	59.20	281.90	2,381.9	102.9	-442.5	445.1	2.18	2.00	1.00	
2,583.0	59.40	282.00	2,387.0	104.6	-450.9	453.6	2.18	2.00	1.00	
2,593.0	59.50	282.00	2,392.1	106.4	-459.3	462.0	1.00	1.00	0.00	
2,603.0	59.60	281.90	2,397.2	108.2	-467.7	470.5	1.32	1.00	-1.00	
2,613.0	59.90	281.70	2,402.2	110.0	-476.2	479.0	3.46	3.00	-2.00	
2,623.0	60.20	281.20	2,407.2	111.7	-484.7	487.6	5.27	3.00	-5.00	
2,639.0	61.10	281.00	2,415.0	114.4	-498.4	501.3	5.73	5.63	-1.25	

Microsoft
Survey Report

Company:	Redwood Operating LLC	Local Co-ordinate Reference:	Well Brainard 11 2H
Project:	Eddy County, NM	TVD Reference:	3282.4+22 @ 3304.4usft
Site:	Sec 12-T18S-R26E	MD Reference:	3282.4+22 @ 3304.4usft
Well:	Brainard 11 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
2,702.0	64.70	276.00	2,443.8	122.6	-553.8	556.9	9.08	5.71	-7.94	
2,765.0	70.20	274.20	2,467.9	127.8	-611.7	615.0	9.12	8.73	-2.86	
2,829.0	74.90	272.30	2,487.1	131.2	-672.7	676.0	7.87	7.34	-2.97	
2,892.0	81.10	271.60	2,500.2	133.3	-734.2	737.6	9.90	9.84	-1.11	
2,956.0	86.90	271.70	2,506.9	135.2	-797.8	801.2	9.06	9.06	0.16	
3,017.0	88.30	271.40	2,509.4	136.8	-858.7	862.2	2.35	2.30	-0.49	
3,080.0	89.10	271.30	2,510.9	138.3	-921.7	925.1	1.28	1.27	-0.16	
3,144.0	89.50	271.20	2,511.6	139.7	-985.7	989.1	0.64	0.63	-0.16	
3,270.0	88.70	271.40	2,513.6	142.5	-1,111.6	1,115.1	0.65	-0.63	0.16	
3,334.0	89.50	271.30	2,514.6	144.0	-1,175.6	1,179.1	1.26	1.25	-0.16	
3,460.0	89.50	271.40	2,515.7	147.0	-1,301.6	1,305.1	0.08	0.00	0.08	
3,588.0	88.80	271.60	2,517.6	150.4	-1,429.5	1,433.1	0.57	-0.55	0.16	
3,714.0	89.80	270.80	2,519.2	153.0	-1,555.5	1,559.1	1.02	0.79	-0.63	
3,841.0	90.20	269.30	2,519.2	153.1	-1,682.5	1,686.0	1.22	0.31	-1.18	
3,968.0	89.50	269.80	2,519.5	152.1	-1,809.5	1,812.9	0.68	-0.55	0.39	
4,031.0	90.30	269.80	2,519.6	151.9	-1,872.5	1,875.9	1.27	1.27	0.00	
4,094.0	91.20	269.60	2,518.8	151.6	-1,935.5	1,938.9	1.46	1.43	-0.32	
4,221.0	90.80	269.90	2,516.6	151.0	-2,062.4	2,065.8	0.39	-0.31	0.24	
4,347.0	90.30	269.50	2,515.4	150.4	-2,188.4	2,191.7	0.51	-0.40	-0.32	
4,474.0	90.10	270.10	2,514.9	149.9	-2,315.4	2,318.7	0.50	-0.16	0.47	
4,601.0	89.40	270.30	2,515.5	150.4	-2,442.4	2,445.6	0.57	-0.55	0.16	
4,664.0	88.40	270.10	2,516.7	150.6	-2,505.4	2,508.6	1.62	-1.59	-0.32	
4,727.0	89.30	269.90	2,517.9	150.6	-2,568.4	2,571.6	1.46	1.43	-0.32	
4,791.0	89.70	269.80	2,518.5	150.4	-2,632.4	2,635.5	0.64	0.63	-0.16	
4,854.0	89.70	269.50	2,518.8	150.0	-2,695.4	2,698.5	0.48	0.00	-0.48	
4,917.0	90.20	270.00	2,518.9	149.7	-2,758.4	2,761.5	1.12	0.79	0.79	
4,981.0	91.20	270.50	2,518.1	150.0	-2,822.4	2,825.4	1.75	1.56	0.78	
5,108.0	89.30	270.10	2,517.5	150.7	-2,949.4	2,952.4	1.53	-1.50	-0.31	
5,171.0	90.00	270.20	2,517.9	150.9	-3,012.4	3,015.4	1.12	1.11	0.16	
5,234.0	90.50	270.50	2,517.7	151.2	-3,075.4	3,078.4	0.93	0.79	0.48	
5,297.0	91.30	270.70	2,516.7	151.9	-3,138.4	3,141.3	1.31	1.27	0.32	
5,424.0	90.90	270.10	2,514.2	152.8	-3,265.3	3,268.3	0.57	-0.31	-0.47	
5,550.0	90.00	269.60	2,513.2	152.5	-3,391.3	3,394.2	0.82	-0.71	-0.40	
5,614.0	88.30	269.40	2,514.2	151.9	-3,455.3	3,458.2	2.67	-2.66	-0.31	
5,677.0	89.20	269.50	2,515.6	151.3	-3,518.3	3,521.1	1.44	1.43	0.16	
5,740.0	89.30	269.40	2,516.4	150.7	-3,581.3	3,584.1	0.22	0.16	-0.16	
5,803.0	89.70	269.70	2,516.9	150.2	-3,644.3	3,647.0	0.79	0.63	0.48	
5,866.0	90.20	269.70	2,517.0	149.9	-3,707.3	3,710.0	0.79	0.79	0.00	
5,929.0	90.80	269.80	2,516.4	149.6	-3,770.3	3,773.0	0.97	0.95	0.16	
5,993.0	91.00	269.50	2,515.4	149.2	-3,834.3	3,836.9	0.56	0.31	-0.47	
6,056.0	91.70	269.70	2,513.9	148.8	-3,897.3	3,899.9	1.16	1.11	0.32	
6,182.0	90.20	270.00	2,511.9	148.4	-4,023.2	4,025.8	1.21	-1.19	0.24	
6,245.0	90.90	270.00	2,511.3	148.4	-4,086.2	4,088.8	1.11	1.11	0.00	

Microsoft
Survey Report

Company:	Redwood Operating LLC	Local Co-ordinate Reference:	Well Brainard 11 2H
Project:	Eddy County, NM	TVD Reference:	3282.4+22 @ 3304.4usft
Site:	Sec 12-T18S-R26E	MD Reference:	3282.4+22 @ 3304.4usft
Well:	Brainard 11 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,309.0	91.50	269.90	2,509.9	148.4	-4,150.2	4,152.7	0.95	0.94	-0.16	
6,435.0	90.00	269.20	2,508.3	147.4	-4,276.2	4,278.6	1.31	-1.19	-0.56	
6,498.0	90.20	269.10	2,508.2	146.4	-4,339.2	4,341.6	0.35	0.32	-0.16	
6,625.0	89.30	270.50	2,508.7	146.0	-4,466.2	4,468.5	1.31	-0.71	1.10	
6,688.0	90.30	270.70	2,508.9	146.7	-4,529.2	4,531.5	1.62	1.59	0.32	
6,751.0	90.60	270.40	2,508.4	147.3	-4,592.2	4,594.5	0.67	0.48	-0.48	
6,877.0	90.20	271.50	2,507.6	149.4	-4,718.2	4,720.5	0.93	-0.32	0.87	
7,004.0	89.10	270.90	2,508.3	152.0	-4,845.1	4,847.5	0.99	-0.87	-0.47	
7,067.0	89.70	270.80	2,509.0	153.0	-4,908.1	4,910.5	0.97	0.95	-0.16	
7,131.0	89.50	270.80	2,509.4	153.8	-4,972.1	4,974.4	0.31	-0.31	0.00	
7,194.0	90.40	271.40	2,509.5	155.1	-5,035.1	5,037.4	1.72	1.43	0.95	
7,257.0	91.10	271.40	2,508.7	156.6	-5,098.1	5,100.4	1.11	1.11	0.00	
7,384.0	90.20	270.60	2,507.2	158.8	-5,225.0	5,227.4	0.95	-0.71	-0.63	
7,447.0	90.70	270.40	2,506.7	159.4	-5,288.0	5,290.4	0.85	0.79	-0.32	
7,573.0	89.50	270.30	2,506.5	160.1	-5,414.0	5,416.4	0.96	-0.95	-0.08	
7,637.0	89.50	270.30	2,507.1	160.5	-5,478.0	5,480.4	0.00	0.00	0.00	
7,700.0	89.90	270.60	2,507.4	161.0	-5,541.0	5,543.3	0.79	0.63	0.48	
7,763.0	90.00	270.60	2,507.5	161.6	-5,604.0	5,606.3	0.16	0.16	0.00	
7,826.0	90.30	270.80	2,507.3	162.4	-5,667.0	5,669.3	0.57	0.48	0.32	
7,890.0	90.60	271.00	2,506.8	163.4	-5,731.0	5,733.3	0.56	0.47	0.31	
7,953.0	91.00	271.00	2,505.9	164.5	-5,794.0	5,796.3	0.63	0.63	0.00	
Last MWD Survey 7953 MD/2505.9 TVD 164.5 N -5794.0 W N: 643458.8 E: 532892.5										
8,025.0	91.00	271.00	2,504.7	165.7	-5,866.0	5,868.3	0.00	0.00	0.00	
PTB 8025 MD/2504.7 TVD 165.7 N -5866.0 W N: 643460.1 E: 532820.6										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
166.0	166.0	0.2	-0.5	1st MWD Survey	
7,953.0	2,505.9	164.5	-5,794.0	Last MWD Survey 7953 MD/2505.9 TVD 164.5 N -5794.0 W N: 643458.8 E: 532892.5	
8,025.0	2,504.7	165.7	-5,866.0	PTB 8025 MD/2504.7 TVD 165.7 N -5866.0 W N: 643460.1 E: 532820.6	

Checked By: _____ Approved By: _____ Date: _____

Submit 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. 30-015-48887
5. Indicate Type of Lease STATE [] FEE [x]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Brainard 11
8. Well Number 2H
9. OGRID Number 330211
10. Pool name or Wildcat Red Lake; Glorieta-Yeso 51120
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3282' GR

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 [x] Gas Well [] Other []
2. Name of Operator Redwood Operating LLC
3. Address of Operator P.O. Box 1370 Artesia, NM 88211-1370
4. Well Location Unit Letter D : 465 feet from the North line and 575 feet from the West line
Section 12 Township 18S Range 26E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3282' GR

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: Completion [x]

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.

11/14-12/5/22 Perforated 3048-7934' 1050 holes. Frac w/ 9589.9bbls 15% Acid, 2,473,796bbls Slickwater, 4,459,440# 100 Mesh, 3,821,960# 40/70 White Sand, 749,470# 40/70 Resin. RIH w/ 78jts 2 7/8" J-55 tubing @ 2545', summit 538 series 89stage SJ5500 AR pump @ 2569'.

Spud Date: 8/3/2022

Rig Release Date: 8/10/2022

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

SIGNATURE Deana Weaver TITLE Regulatory Technician II DATE 1/4/2023

Type or print name Deana Weaver E-mail address: dweaver@mec.com PHONE: 575-748-1288
For State Use Only

APPROVED BY: TITLE DATE
Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised April 3, 2017
		1. WELL API NO. 30-015-48887
		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN
		3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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 Brainard 11 6. Well Number: 2H									
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator Redwood Operating LLC										
9. OGRID 330211										
10. Address of Operator P.O. Box 1370 Artesia, NM 88211-1370										
11. Pool name or Wildcat Red Lake; Glorieta-Yeso 51120										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	12	18S	26E		465	North	575	West	Eddy
BH:	D	11	18S	26E		325	North	12	West	Eddy
13. Date Spudded 8/3/2022	14. Date T.D. Reached 8/10/2022	15. Date Rig Released 8/10/2022		16. Date Completed (Ready to Produce) 12/8/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3282' GR			
18. Total Measured Depth of Well 8034'			19. Plug Back Measured Depth 8001'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run Submitted			
22. Producing Interval(s), of this completion - Top, Bottom, Name 3048-7934' Red Lake; Glorieta-Yeso										

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	1225'	12 1/4"	555sx	
7"	26#	2665'	8 3/4"	1545sx	
5 1/2"	17#	8034'	8 3/4"	145sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	2545'	

26. Perforation record (interval, size, and number) 3048-7934', .42, 1050 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3048-7934'	9589.9bbls 15% Acid, 2,473.796bbls Slickwater, 4,459,440# 100 Mesh, 3,821,960# 40/70 Whitesand, 749,470# 40/70 Resin

PRODUCTION

Date First Production 12/23/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Summit 538 Series 89Stage SJ5500 AR Pump@ 2569'			Well Status (Prod. or Shut-in) Producing		
Date of Test 1/3/2023	Hours Tested 24hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 66	Gas - MCF 506	Water - Bbl. 6003	Gas - Oil Ratio 7666
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 66	Gas - MCF 506	Water - Bbl. 6003	Oil Gravity - API - (Corr.) 39.0	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	30. Test Witnessed By Jerry Sherrell
--	---

31. List Attachments	33. Rig Release Date: 8/10/2022
----------------------	---------------------------------

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.		34. If an on-site burial was used at the well, report the exact location of the on-site burial:	
--	--	---	--

Latitude _____ Longitude _____ NAD83

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 *Deana Weaver* Printed Name Deana Weaver Title Regulatory Technician II Date 1/4/2023

E-mail Address dweaver@mec.com

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	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 295'	T. Silurian	T. Menefee	T. Madison
T. Grayburg 765'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1005'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 2330'	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. Yeso 2379'	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

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 172425

ACKNOWLEDGMENTS

Operator: Redwood Operating LLC PO Box 1370 Artesia, NM 88210	OGRID: 330211
	Action Number: 172425
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 172425

CONDITIONS

Operator: Redwood Operating LLC PO Box 1370 Artesia, NM 88210	OGRID: 330211
	Action Number: 172425
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
nmurphy	None	5/3/2023