

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 April 3, 2017				
		1. WELL API NO. 30-025-46402				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 Winnebago State Com 6. Well Number: 502H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER						OCD - HOBBS 04/09/2020 RECEIVED				
8. Name of Operator Centennial Resource Production, LLC										
10. Address of Operator 1001 17th Street, Suite 1800, Denver, CO 80206						9. OGRID 372165 11. Pool name or Wildcat Ojo Chiso; Bone Spring, South 97293				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	4	30	22S	35E		451	South	1099	West	Lea
BH:	1	19	22S	35E		99	North	962	West	Lea
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released		16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)		
12/22/2019	1/27/2020		1/30/2020		3/10/2020			3454 GR		
18. Total Measured Depth of Well			19. Plug Back Measured Depth		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run		
20,729			20,680		Yes			Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
10,756 - 20,671										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375		54.5		1809		17.5		1630 sx		
9.625		40		5607		12.25		2335 sx		
5.5		20		20723		8.75		0		
5.5		20		20723		8.5		3085sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						NA				
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
10,756 - 20,671, 2256 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,756 - 20,671		22,353,206 gals slick water		
								26,520,642# 100 mesh sand.		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
3/10/2020		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
3/26/2020	24	.875		1770	2144	4085	1211			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	350		1770	2144	4085	43				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							30. Test Witnessed By			
Sold							Derrick Melton			
31. List Attachments										
C102, Additional Points Required, Survey										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
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			Printed Name			Title			Date	
K. Schlichting			Kanicia Schlichting			Sr. Regulatory Analyst			4/9/2020	
E-mail Address Kanicia.schlichting@cdevinc.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. Rustler 1841	T. Ojo Alamo	T. Penn A"
T. Salt	T. Base of Salt 4231	T. Kirtland	T. Penn. "B"
B. Salt	T. Capitan 4819	T. Fruitland	T. Penn. "C"
T. Yates	T. Cherry Canyon 6047	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Manzanita Lime 6398	T. Cliff House	T. Leadville
T. Queen	T. Brushy Canyon 7275	T. Menefee	T. Madison
T. Grayburg	T. Bone Spring Lime 8679	T. Point Lookout	T. Elbert
T. San Andres	T. 2nd Bone Spring Shale 9974	T. Mancos	T. McCracken
T. Glorieta	T. 2nd Bone Spring Sand 10,336	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	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

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

Centennial Resource Development, LLC

**Lea County, NM (NAD 83 - UTM Zone 13 - True)
Winnebago 30 State Com
Winnebago 30 State Com 502H**

OH

Design: OH

**OCD – HOBBS
04/09/2020
RECEIVED**

Standard Survey Report

31 January, 2020

Company:	Centennial Resource Development, LLC	Local Co-ordinate Reference:	Well Winnebago 30 State Com 502H
Project:	Lea County, NM (NAD 83 - UTM Zone 13 - True)	TVD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Site:	Winnebago 30 State Com	MD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Well:	Winnebago 30 State Com 502H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Project	Lea County, NM (NAD 83 - UTM Zone 13 - True)		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Zone 13N (108 W to 102 W)		

Site		Winnebago 30 State Com						
Site Position:		Northing:	11,748,785.38	usft	Latitude:	32.356247		
From:	Map	Easting:	2,131,624.41	usft	Longitude:	-103.408813		
Position Uncertainty:	0.00	usft	Slot Radius:	13-3/16	"	Grid Convergence:	0.85	°

Well	Winnebago 30 State Com 502H					
Well Position	+N/-S	0.00 usft	Northing:	11,748,920.98 usft	Latitude:	32.356656
	+E/-W	0.00 usft	Easting:	2,130,757.94 usft	Longitude:	-103.411612
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,455.10 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/9/2019	6.62	60.18	47,777.64501686

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	359.36	

Survey Program	Date	1/31/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
219.00	20,697.00	Survey #1 (OH)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	
20,729.00	20,729.00	Survey #2 - Proj to TD (OH)	BLIND	OWSG BLIND	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL (Winnebago 30 State Com 502H)										
219.00	0.34	266.02	219.00	-0.05	-0.65	-0.04	0.16	0.16	0.00	
279.00	0.45	204.87	279.00	-0.27	-0.92	-0.26	0.69	0.18	-101.92	
339.00	0.34	240.87	339.00	-0.57	-1.18	-0.56	0.44	-0.18	60.00	
432.00	0.17	214.67	432.00	-0.82	-1.50	-0.80	0.22	-0.18	-28.17	
491.00	0.18	227.80	490.99	-0.95	-1.62	-0.94	0.07	0.02	22.25	
537.00	0.33	254.16	536.99	-1.04	-1.80	-1.02	0.41	0.33	57.30	
615.00	0.19	283.56	614.99	-1.07	-2.14	-1.05	0.24	-0.18	37.69	
706.00	0.29	299.39	705.99	-0.92	-2.49	-0.89	0.13	0.11	17.40	

Company:	Centennial Resource Development, LLC	Local Co-ordinate Reference:	Well Winnebago 30 State Com 502H
Project:	Lea County, NM (NAD 83 - UTM Zone 13 - True)	TVD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Site:	Winnebago 30 State Com	MD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Well:	Winnebago 30 State Com 502H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
797.00	0.44	270.97	796.99	-0.80	-3.04	-0.77	0.25	0.16	-31.23
888.00	0.40	267.55	887.99	-0.81	-3.70	-0.77	0.05	-0.04	-3.76
982.00	0.44	281.08	981.99	-0.75	-4.39	-0.71	0.11	0.04	14.39
1,074.00	0.58	273.43	1,073.98	-0.66	-5.20	-0.60	0.17	0.15	-8.32
1,165.00	0.46	265.94	1,164.98	-0.66	-6.02	-0.59	0.15	-0.13	-8.23
1,256.00	0.41	236.41	1,255.98	-0.86	-6.66	-0.79	0.25	-0.05	-32.45
1,347.00	0.58	238.89	1,346.97	-1.28	-7.32	-1.20	0.19	0.19	2.73
1,438.00	0.53	234.77	1,437.97	-1.76	-8.06	-1.67	0.07	-0.05	-4.53
1,529.00	0.37	248.28	1,528.97	-2.11	-8.68	-2.02	0.21	-0.18	14.85
1,621.00	0.26	289.14	1,620.96	-2.15	-9.15	-2.05	0.26	-0.12	44.41
1,713.00	0.32	339.70	1,712.96	-1.85	-9.44	-1.74	0.28	0.07	54.96
1,924.00	0.27	352.34	1,923.96	-0.80	-9.71	-0.69	0.04	-0.02	5.99
2,018.00	0.51	24.13	2,017.96	-0.20	-9.57	-0.09	0.33	0.26	33.82
2,112.00	1.00	52.46	2,111.95	0.68	-8.75	0.78	0.64	0.52	30.14
2,206.00	1.07	44.30	2,205.94	1.81	-7.48	1.89	0.17	0.07	-8.68
2,300.00	1.12	59.56	2,299.92	2.90	-6.08	2.97	0.31	0.05	16.23
2,394.00	1.19	74.98	2,393.90	3.62	-4.34	3.67	0.34	0.07	16.40
2,488.00	0.66	137.56	2,487.89	3.48	-3.03	3.51	1.13	-0.56	66.57
2,582.00	1.66	188.36	2,581.87	1.73	-2.87	1.76	1.43	1.06	54.04
2,675.00	3.34	193.09	2,674.78	-2.24	-3.68	-2.20	1.82	1.81	5.09
2,769.00	5.53	195.10	2,768.49	-9.28	-5.48	-9.22	2.34	2.33	2.14
2,864.00	7.96	196.65	2,862.83	-20.01	-8.55	-19.91	2.56	2.56	1.63
2,958.00	8.62	198.30	2,955.84	-32.93	-12.63	-32.79	0.75	0.70	1.76
3,052.00	8.05	198.93	3,048.85	-45.84	-16.98	-45.65	0.61	-0.61	0.67
3,145.00	7.55	200.01	3,140.99	-57.74	-21.18	-57.50	0.56	-0.54	1.16
3,240.00	6.92	199.47	3,235.23	-69.00	-25.22	-68.72	0.67	-0.66	-0.57
3,334.00	6.58	199.02	3,328.58	-79.44	-28.87	-79.11	0.37	-0.36	-0.48
3,428.00	7.50	196.08	3,421.87	-90.42	-32.32	-90.05	1.05	0.98	-3.13
3,522.00	6.75	192.11	3,515.15	-101.72	-35.18	-101.32	0.95	-0.80	-4.22
3,616.00	6.87	187.95	3,608.48	-112.69	-37.12	-112.27	0.54	0.13	-4.43
3,709.00	7.80	186.99	3,700.72	-124.46	-38.65	-124.02	1.01	1.00	-1.03
3,803.00	7.14	185.31	3,793.92	-136.61	-39.97	-136.15	0.74	-0.70	-1.79
3,897.00	7.55	183.72	3,887.15	-148.59	-40.91	-148.12	0.49	0.44	-1.69
3,991.00	8.68	181.81	3,980.21	-161.84	-41.54	-161.37	1.24	1.20	-2.03
4,086.00	8.17	178.75	4,074.18	-175.75	-41.62	-175.28	0.71	-0.54	-3.22
4,180.00	7.50	177.27	4,167.31	-188.56	-41.18	-188.09	0.74	-0.71	-1.57
4,275.00	7.19	185.32	4,261.53	-200.67	-41.43	-200.20	1.13	-0.33	8.47
4,369.00	7.77	196.13	4,354.73	-212.63	-43.74	-212.13	1.62	0.62	11.50
4,463.00	9.04	203.06	4,447.72	-225.53	-48.40	-224.98	1.73	1.35	7.37
4,558.00	8.37	203.60	4,541.63	-238.74	-54.09	-238.12	0.71	-0.71	0.57
4,652.00	7.93	203.99	4,634.68	-250.93	-59.47	-250.25	0.47	-0.47	0.41
4,746.00	7.45	203.99	4,727.83	-262.42	-64.58	-261.68	0.51	-0.51	0.00
4,935.00	6.69	203.79	4,915.40	-283.69	-74.01	-282.85	0.40	-0.40	-0.11

Company:	Centennial Resource Development, LLC	Local Co-ordinate Reference:	Well Winnebago 30 State Com 502H
Project:	Lea County, NM (NAD 83 - UTM Zone 13 - True)	TVD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Site:	Winnebago 30 State Com	MD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Well:	Winnebago 30 State Com 502H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
5,028.00	6.37	204.59	5,007.79	-293.34	-78.34	-292.44	0.36	-0.34	0.86
5,122.00	6.17	204.67	5,101.23	-302.67	-82.62	-301.73	0.21	-0.21	0.09
5,217.00	5.63	205.56	5,195.73	-311.51	-86.76	-310.52	0.58	-0.57	0.94
5,310.00	5.34	207.89	5,288.30	-319.45	-90.75	-318.42	0.39	-0.31	2.51
5,404.00	5.41	209.03	5,381.89	-327.20	-94.95	-326.11	0.14	0.07	1.21
5,498.00	5.38	210.03	5,475.47	-334.89	-99.30	-333.75	0.10	-0.03	1.06
5,545.00	5.39	208.97	5,522.26	-338.72	-101.47	-337.57	0.21	0.02	-2.26
5,648.00	5.16	210.91	5,624.83	-346.93	-106.20	-345.72	0.28	-0.22	1.88
5,742.00	3.18	198.04	5,718.58	-353.04	-109.18	-351.79	2.32	-2.11	-13.69
5,836.00	0.88	177.68	5,812.51	-356.24	-109.95	-354.98	2.53	-2.45	-21.66
5,931.00	0.53	137.25	5,907.50	-357.29	-109.63	-356.04	0.62	-0.37	-42.56
6,025.00	0.41	139.12	6,001.50	-357.86	-109.11	-356.62	0.13	-0.13	1.99
6,119.00	0.41	143.46	6,095.50	-358.39	-108.69	-357.15	0.03	0.00	4.62
6,213.00	0.35	144.90	6,189.50	-358.89	-108.33	-357.66	0.06	-0.06	1.53
6,307.00	0.21	131.55	6,283.50	-359.24	-108.03	-358.01	0.16	-0.15	-14.20
6,401.00	0.15	90.04	6,377.50	-359.36	-107.78	-358.13	0.15	-0.06	-44.16
6,495.00	0.22	59.56	6,471.50	-359.26	-107.50	-358.04	0.13	0.07	-32.43
6,588.00	0.23	53.52	6,564.49	-359.06	-107.20	-357.84	0.03	0.01	-6.49
6,682.00	0.26	32.52	6,658.49	-358.77	-106.93	-357.55	0.10	0.03	-22.34
6,776.00	0.30	42.60	6,752.49	-358.41	-106.65	-357.19	0.07	0.04	10.72
6,871.00	0.42	44.74	6,847.49	-357.98	-106.24	-356.77	0.13	0.13	2.25
6,965.00	0.28	48.47	6,941.49	-357.58	-105.82	-356.38	0.15	-0.15	3.97
7,059.00	0.21	187.29	7,035.49	-357.60	-105.67	-356.40	0.49	-0.07	147.68
7,153.00	0.63	197.60	7,129.49	-358.26	-105.85	-357.06	0.45	0.45	10.97
7,247.00	0.74	193.27	7,223.48	-359.35	-106.15	-358.14	0.13	0.12	-4.61
7,342.00	0.78	180.34	7,318.47	-360.59	-106.29	-359.38	0.18	0.04	-13.61
7,435.00	0.93	173.08	7,411.46	-361.97	-106.20	-360.76	0.20	0.16	-7.81
7,530.00	1.04	183.96	7,506.45	-363.60	-106.17	-362.39	0.23	0.12	11.45
7,624.00	0.86	200.13	7,600.43	-365.11	-106.47	-363.90	0.34	-0.19	17.20
7,718.00	0.91	206.62	7,694.42	-366.44	-107.05	-365.22	0.12	0.05	6.90
7,812.00	0.94	212.80	7,788.41	-367.76	-107.80	-366.53	0.11	0.03	6.57
7,906.00	0.81	216.57	7,882.40	-368.94	-108.61	-367.70	0.15	-0.14	4.01
8,000.00	0.84	227.87	7,976.39	-369.94	-109.52	-368.69	0.18	0.03	12.02
8,094.00	0.89	233.74	8,070.38	-370.83	-110.62	-369.57	0.11	0.05	6.24
8,188.00	0.75	228.30	8,164.37	-371.67	-111.67	-370.40	0.17	-0.15	-5.79
8,282.00	0.05	261.95	8,258.37	-372.09	-112.17	-370.81	0.75	-0.74	35.80
8,376.00	0.04	274.90	8,352.37	-372.09	-112.24	-370.81	0.02	-0.01	13.78
8,470.00	0.30	9.48	8,446.37	-371.84	-112.23	-370.56	0.33	0.28	100.62
8,563.00	0.45	45.42	8,539.36	-371.35	-111.93	-370.07	0.29	0.16	38.65
8,657.00	0.58	32.21	8,633.36	-370.68	-111.42	-369.41	0.19	0.14	-14.05
8,752.00	0.64	40.57	8,728.35	-369.87	-110.82	-368.61	0.11	0.06	8.80
8,846.00	0.90	89.46	8,822.35	-369.47	-109.74	-368.22	0.72	0.28	52.01
8,940.00	1.72	96.30	8,916.32	-369.62	-107.60	-368.39	0.89	0.87	7.28

Company:	Centennial Resource Development, LLC	Local Co-ordinate Reference:	Well Winnebago 30 State Com 502H
Project:	Lea County, NM (NAD 83 - UTM Zone 13 - True)	TVD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Site:	Winnebago 30 State Com	MD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Well:	Winnebago 30 State Com 502H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
9,034.00	1.85	85.03	9,010.28	-369.64	-104.68	-368.45	0.40	0.14	-11.99
9,128.00	0.73	119.14	9,104.25	-369.80	-102.65	-368.63	1.39	-1.19	36.29
9,222.00	1.40	196.34	9,198.24	-371.19	-102.45	-370.02	1.52	0.71	82.13
9,316.00	1.55	177.57	9,292.21	-373.57	-102.72	-372.39	0.54	0.16	-19.97
9,410.00	0.92	150.70	9,386.19	-375.49	-102.29	-374.33	0.89	-0.67	-28.59
9,504.00	0.74	180.16	9,480.18	-376.76	-101.93	-375.60	0.49	-0.19	31.34
9,598.00	0.76	173.45	9,574.17	-377.99	-101.86	-376.82	0.10	0.02	-7.14
9,692.00	0.65	167.04	9,668.16	-379.13	-101.67	-377.96	0.14	-0.12	-6.82
9,786.00	0.20	101.90	9,762.16	-379.68	-101.39	-378.52	0.63	-0.48	-69.30
9,880.00	0.56	25.54	9,856.16	-379.30	-101.03	-378.14	0.58	0.38	-81.23
9,975.00	0.96	11.61	9,951.15	-378.10	-100.67	-376.95	0.46	0.42	-14.66
10,018.00	1.19	5.44	9,994.14	-377.30	-100.55	-376.15	0.60	0.53	-14.35
10,069.00	1.74	357.09	10,045.13	-376.00	-100.54	-374.85	1.15	1.08	-16.37
KOP									
10,116.00	6.32	351.24	10,092.00	-372.73	-100.97	-371.58	9.77	9.74	-12.45
10,163.00	11.59	354.47	10,138.41	-365.47	-101.82	-364.31	11.26	11.21	6.87
10,210.00	16.39	356.41	10,184.00	-354.15	-102.69	-352.97	10.26	10.21	4.13
10,257.00	23.12	0.34	10,228.21	-338.28	-103.05	-337.11	14.59	14.32	8.36
10,304.00	31.46	0.46	10,269.94	-316.75	-102.90	-315.58	17.75	17.74	0.26
10,351.00	35.93	358.62	10,309.04	-290.69	-103.13	-289.51	9.75	9.51	-3.91
10,398.00	39.82	358.26	10,346.13	-261.85	-103.92	-260.67	8.29	8.28	-0.77
10,445.00	45.68	1.37	10,380.63	-229.97	-103.98	-228.79	13.25	12.47	6.62
10,492.00	50.39	3.40	10,412.05	-195.06	-102.50	-193.91	10.52	10.02	4.32
10,539.00	54.80	3.85	10,440.60	-157.81	-100.14	-156.68	9.41	9.38	0.96
10,586.00	60.61	2.60	10,465.70	-118.16	-97.92	-117.06	12.56	12.36	-2.66
10,633.00	66.68	3.25	10,486.55	-76.12	-95.76	-75.05	12.97	12.91	1.38
10,680.00	71.84	0.21	10,503.19	-32.21	-94.46	-31.15	12.53	10.98	-6.47
10,727.00	76.36	359.61	10,516.07	12.98	-94.53	14.04	9.70	9.62	-1.28
10,774.00	81.73	359.11	10,525.00	59.10	-95.05	60.16	11.47	11.43	-1.06
10,821.00	86.84	359.48	10,529.67	105.85	-95.62	106.91	10.90	10.87	0.79
10,843.20	88.09	358.53	10,530.66	128.02	-96.01	129.09	7.06	5.62	-4.28
LP (Winnebago 30 State Com 502H)									
10,868.00	89.48	357.47	10,531.18	152.80	-96.87	153.88	7.06	5.62	-4.27
10,916.00	89.64	356.83	10,531.55	200.74	-99.26	201.84	1.37	0.33	-1.33
10,984.00	90.25	355.91	10,531.62	268.60	-103.56	269.75	1.62	0.90	-1.35
11,078.00	90.24	358.54	10,531.22	362.48	-108.11	363.67	2.80	-0.01	2.80
11,172.00	90.45	357.93	10,530.65	456.44	-111.01	457.65	0.69	0.22	-0.65
11,266.00	90.60	356.84	10,529.79	550.33	-115.30	551.59	1.17	0.16	-1.16
11,361.00	90.45	358.27	10,528.92	645.24	-119.35	646.54	1.51	-0.16	1.51
11,455.00	90.41	358.49	10,528.21	739.20	-122.01	740.52	0.24	-0.04	0.23
11,549.00	90.55	358.06	10,527.42	833.15	-124.84	834.50	0.48	0.15	-0.46
11,642.00	90.46	357.48	10,526.61	926.08	-128.46	927.46	0.63	-0.10	-0.62
11,737.00	90.39	0.83	10,525.90	1,021.05	-129.86	1,022.44	3.53	-0.07	3.53
11,831.00	90.43	0.56	10,525.23	1,115.04	-128.72	1,116.41	0.29	0.04	-0.29

Company:	Centennial Resource Development, LLC	Local Co-ordinate Reference:	Well Winnebago 30 State Com 502H
Project:	Lea County, NM (NAD 83 - UTM Zone 13 - True)	TVD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Site:	Winnebago 30 State Com	MD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Well:	Winnebago 30 State Com 502H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
11,925.00	90.45	1.43	10,524.51	1,209.03	-127.08	1,210.37	0.93	0.02	0.93
12,019.00	90.48	0.68	10,523.74	1,303.01	-125.35	1,304.33	0.80	0.03	-0.80
12,113.00	90.45	0.05	10,522.98	1,397.00	-124.75	1,398.31	0.67	-0.03	-0.67
12,208.00	90.62	359.98	10,522.09	1,492.00	-124.73	1,493.30	0.19	0.18	-0.07
12,302.00	90.42	359.07	10,521.24	1,585.99	-125.51	1,587.29	0.99	-0.21	-0.97
12,396.00	90.24	1.26	10,520.70	1,679.98	-125.24	1,681.28	2.34	-0.19	2.33
12,490.00	90.49	359.27	10,520.10	1,773.97	-124.80	1,775.26	2.13	0.27	-2.12
12,584.00	90.20	0.17	10,519.53	1,867.97	-125.26	1,869.25	1.01	-0.31	0.96
12,678.00	91.04	0.44	10,518.52	1,961.96	-124.76	1,963.24	0.94	0.89	0.29
12,772.00	91.43	0.70	10,516.49	2,055.94	-123.83	2,057.19	0.50	0.41	0.28
12,866.00	91.36	0.74	10,514.20	2,149.90	-122.65	2,151.14	0.09	-0.07	0.04
12,960.00	91.39	1.66	10,511.95	2,243.85	-120.68	2,245.06	0.98	0.03	0.98
13,054.00	91.39	0.49	10,509.67	2,337.81	-118.92	2,338.99	1.24	0.00	-1.24
13,149.00	91.20	1.02	10,507.52	2,432.77	-117.66	2,433.94	0.59	-0.20	0.56
13,243.00	91.19	1.12	10,505.56	2,526.74	-115.91	2,527.87	0.11	-0.01	0.11
13,337.00	91.34	359.02	10,503.48	2,620.71	-115.79	2,621.84	2.24	0.16	-2.23
13,431.00	91.16	0.56	10,501.43	2,714.68	-116.14	2,715.81	1.65	-0.19	1.64
13,525.00	91.25	0.13	10,499.46	2,808.66	-115.57	2,809.78	0.47	0.10	-0.46
13,619.00	91.51	0.88	10,497.19	2,902.63	-114.74	2,903.73	0.84	0.28	0.80
13,714.00	92.20	359.28	10,494.12	2,997.57	-114.61	2,998.67	1.83	0.73	-1.68
13,808.00	91.64	359.21	10,490.97	3,091.51	-115.85	3,092.62	0.60	-0.60	-0.07
13,902.00	91.37	1.49	10,488.50	3,185.47	-115.28	3,186.56	2.44	-0.29	2.43
13,996.00	92.49	0.40	10,485.33	3,279.40	-113.73	3,280.47	1.66	1.19	-1.16
14,090.00	93.59	358.90	10,480.35	3,373.26	-114.30	3,374.33	1.98	1.17	-1.60
14,184.00	92.82	359.60	10,475.09	3,467.11	-115.53	3,468.18	1.11	-0.82	0.74
14,279.00	92.66	0.78	10,470.55	3,562.00	-115.21	3,563.06	1.25	-0.17	1.24
14,372.00	92.84	359.64	10,466.09	3,654.89	-114.87	3,655.94	1.24	0.19	-1.23
14,467.00	93.03	0.38	10,461.22	3,749.76	-114.85	3,750.81	0.80	0.20	0.78
14,561.00	92.42	0.75	10,456.75	3,843.65	-113.93	3,844.69	0.76	-0.65	0.39
14,655.00	93.12	359.11	10,452.21	3,937.54	-114.04	3,938.57	1.90	0.74	-1.74
14,749.00	92.09	0.06	10,447.94	4,031.44	-114.72	4,032.47	1.49	-1.10	1.01
14,843.00	92.84	0.85	10,443.90	4,125.34	-113.98	4,126.36	1.16	0.80	0.84
14,937.00	92.45	0.92	10,439.56	4,219.23	-112.53	4,220.23	0.42	-0.41	0.07
15,031.00	91.70	0.79	10,436.15	4,313.16	-111.13	4,314.13	0.81	-0.80	-0.14
15,125.00	92.00	359.65	10,433.12	4,407.11	-110.76	4,408.07	1.25	0.32	-1.21
15,219.00	91.74	359.29	10,430.05	4,501.05	-111.63	4,502.02	0.47	-0.28	-0.38
15,313.00	91.64	0.39	10,427.28	4,595.01	-111.90	4,595.98	1.17	-0.11	1.17
15,407.00	90.84	359.24	10,425.25	4,688.99	-112.20	4,689.95	1.49	-0.85	-1.22
15,501.00	90.59	0.63	10,424.07	4,782.98	-112.31	4,783.93	1.50	-0.27	1.48
15,548.11	90.89	0.77	10,423.46	4,830.08	-111.73	4,831.03	0.70	0.64	0.30
S19/30 Crossing									
15,595.00	91.19	0.91	10,422.61	4,876.96	-111.04	4,877.89	0.70	0.64	0.30
15,690.00	90.83	359.57	10,420.94	4,971.94	-110.65	4,972.87	1.46	-0.38	-1.41
15,784.00	90.04	0.73	10,420.22	5,065.93	-110.40	5,066.85	1.49	-0.84	1.23

Company:	Centennial Resource Development, LLC	Local Co-ordinate Reference:	Well Winnebago 30 State Com 502H
Project:	Lea County, NM (NAD 83 - UTM Zone 13 - True)	TVD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Site:	Winnebago 30 State Com	MD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Well:	Winnebago 30 State Com 502H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
15,878.00	91.46	0.44	10,418.99	5,159.92	-109.44	5,160.82	1.54	1.51	-0.31
15,972.00	91.04	0.87	10,416.94	5,253.89	-108.37	5,254.77	0.64	-0.45	0.46
16,066.00	89.44	1.02	10,416.55	5,347.87	-106.81	5,348.73	1.71	-1.70	0.16
16,160.00	89.92	0.25	10,417.07	5,441.86	-105.77	5,442.71	0.97	0.51	-0.82
16,254.00	89.68	0.05	10,417.40	5,535.86	-105.53	5,536.70	0.33	-0.26	-0.21
16,349.00	89.64	0.58	10,417.97	5,630.86	-105.00	5,631.68	0.56	-0.04	0.56
16,443.00	89.86	359.96	10,418.38	5,724.86	-104.56	5,725.67	0.70	0.23	-0.66
16,537.00	90.35	0.17	10,418.20	5,818.86	-104.46	5,819.66	0.57	0.52	0.22
16,631.00	90.71	359.76	10,417.34	5,912.85	-104.51	5,913.65	0.58	0.38	-0.44
16,724.00	90.91	359.69	10,416.02	6,005.84	-104.96	6,006.64	0.23	0.22	-0.08
16,819.00	90.34	0.50	10,414.98	6,100.83	-104.80	6,101.63	1.04	-0.60	0.85
16,913.00	90.66	359.95	10,414.16	6,194.83	-104.43	6,195.61	0.68	0.34	-0.59
17,006.00	90.52	0.27	10,413.21	6,287.82	-104.25	6,288.60	0.38	-0.15	0.34
17,100.00	90.69	0.34	10,412.21	6,381.82	-103.75	6,382.58	0.20	0.18	0.07
17,194.00	90.94	359.17	10,410.88	6,475.81	-104.16	6,476.57	1.27	0.27	-1.24
17,289.00	90.64	359.37	10,409.57	6,570.79	-105.37	6,571.56	0.38	-0.32	0.21
17,383.00	90.77	359.47	10,408.41	6,664.78	-106.32	6,665.55	0.17	0.14	0.11
17,477.00	90.73	359.39	10,407.18	6,758.76	-107.25	6,759.54	0.10	-0.04	-0.09
17,571.00	90.43	0.97	10,406.23	6,852.76	-106.96	6,853.52	1.71	-0.32	1.68
17,665.00	90.59	0.81	10,405.39	6,946.74	-105.50	6,947.49	0.24	0.17	-0.17
17,759.00	90.36	358.87	10,404.61	7,040.73	-105.76	7,041.48	2.08	-0.24	-2.06
17,853.00	90.11	359.46	10,404.23	7,134.72	-107.13	7,135.47	0.68	-0.27	0.63
17,948.00	90.77	359.76	10,403.50	7,229.72	-107.78	7,230.47	0.76	0.69	0.32
18,042.00	90.69	1.02	10,402.30	7,323.70	-107.14	7,324.44	1.34	-0.09	1.34
18,136.00	90.67	0.10	10,401.18	7,417.69	-106.22	7,418.42	0.98	-0.02	-0.98
18,230.00	91.14	359.03	10,399.70	7,511.68	-106.93	7,512.40	1.24	0.50	-1.14
18,324.00	90.88	359.89	10,398.04	7,605.66	-107.82	7,606.39	0.96	-0.28	0.91
18,418.00	90.62	0.89	10,396.81	7,699.64	-107.18	7,700.36	1.10	-0.28	1.06
18,512.00	90.91	359.37	10,395.56	7,793.63	-106.96	7,794.34	1.65	0.31	-1.62
18,606.00	90.67	358.86	10,394.26	7,887.61	-108.42	7,888.33	0.60	-0.26	-0.54
18,700.00	90.91	0.22	10,392.96	7,981.60	-109.17	7,982.32	1.47	0.26	1.45
18,794.00	90.83	359.20	10,391.54	8,075.59	-109.65	8,076.31	1.09	-0.09	-1.09
18,888.00	90.60	359.16	10,390.36	8,169.57	-110.99	8,170.30	0.25	-0.24	-0.04
18,982.00	90.69	0.16	10,389.31	8,263.56	-111.55	8,264.29	1.07	0.10	1.06
19,076.00	90.83	359.58	10,388.06	8,357.55	-111.76	8,358.28	0.63	0.15	-0.62
19,170.00	90.62	359.98	10,386.87	8,451.54	-112.12	8,452.27	0.48	-0.22	0.43
19,264.00	90.85	359.67	10,385.66	8,545.53	-112.41	8,546.26	0.41	0.24	-0.33
19,358.00	90.90	359.47	10,384.23	8,639.52	-113.11	8,640.24	0.22	0.05	-0.21
19,452.00	90.74	359.65	10,382.88	8,733.51	-113.84	8,734.23	0.26	-0.17	0.19
19,547.00	90.76	0.93	10,381.64	8,828.50	-113.36	8,829.21	1.35	0.02	1.35
19,641.00	90.90	359.44	10,380.28	8,922.48	-113.05	8,923.19	1.59	0.15	-1.59
19,735.00	90.63	0.84	10,379.02	9,016.47	-112.82	9,017.17	1.52	-0.29	1.49
19,829.00	90.92	359.61	10,377.75	9,110.46	-112.45	9,111.15	1.34	0.31	-1.31

Company:	Centennial Resource Development, LLC	Local Co-ordinate Reference:	Well Winnebago 30 State Com 502H
Project:	Lea County, NM (NAD 83 - UTM Zone 13 - True)	TVD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Site:	Winnebago 30 State Com	MD Reference:	3455.1' GE + 26.5' KB @ 3481.60usft
Well:	Winnebago 30 State Com 502H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)	
19,923.00	90.98	359.04	10,376.19	9,204.44	-113.56	9,205.14	0.61	0.06	-0.61	
20,017.00	90.87	359.09	10,374.68	9,298.42	-115.09	9,299.12	0.13	-0.12	0.05	
20,111.00	90.50	1.36	10,373.55	9,392.40	-114.73	9,393.10	2.45	-0.39	2.41	
20,206.00	90.78	0.38	10,372.49	9,487.38	-113.28	9,488.06	1.07	0.29	-1.03	
20,300.00	91.55	359.98	10,370.58	9,581.36	-112.99	9,582.03	0.92	0.82	-0.43	
20,394.00	91.65	0.79	10,367.95	9,675.32	-112.36	9,675.98	0.87	0.11	0.86	
20,488.00	92.30	0.95	10,364.71	9,769.26	-110.93	9,769.89	0.71	0.69	0.17	
20,582.00	91.60	359.66	10,361.52	9,863.20	-110.43	9,863.82	1.56	-0.74	-1.37	
20,676.00	91.86	359.32	10,358.68	9,957.15	-111.27	9,957.77	0.46	0.28	-0.36	
20,697.00	91.92	359.15	10,357.99	9,978.14	-111.55	9,978.76	0.86	0.29	-0.81	
20,723.12	91.92	359.15	10,357.11	10,004.24	-111.93	10,004.86	0.00	0.00	0.00	
PBHL (Winnebago 30 State Com 502H)										
20,729.00	91.92	359.15	10,356.91	10,010.12	-112.02	10,010.74	0.00	0.00	0.00	
BHL										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
10,069.00	10,045.13	-376.00	-100.54	KOP	
15,548.11	10,423.46	4,830.08	-111.73	S19/30 Crossing	
20,729.00	10,356.91	10,010.12	-112.02	BHL	

Checked By: _____ Approved By: _____ Date: _____



MWD Survey Certification

Lea County, New Mexico

Client: Centennial Resources Development Inc.

Well Name: Winnebago 30 State Com #502H

Total Job No: SW-190007

API No: 30-025-46402

Start Depth: 0' feet MD

End Depth: 20,729' feet MD

Start Date: December 22, 2019

End Date: January 27, 2020

I, Michael Leek, certify that; I am employed by Total Directional Services, LLC. On 12/22/2019 through 01/27/2020, we conducted or supervised the taking of the MWD surveys from a measured depth of 0 feet to a measured depth of 20,729 feet. The data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and this/these survey(s) was/were conducted at the request of Centennial Resources Development Inc. for the well Winnebago 30 State Com #502H, API No: 30-025-46402 in Lea County, NM. I have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Michael Leek 01/27/2020

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

OCD - HOBBS
04/09/2020
RECEIVED

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Centennial Resource Production, LLC 1001 17th Street, Suite 1800 Denver, CO 80202		² OGRID Number 372165
		³ Reason for Filing Code/ Effective Date NW 3/10/2020
⁴ API Number 30 - 0 25-46402	⁵ Pool Name Ojo Chiso; Bone Spring, South	⁶ Pool Code 97293 KZ
⁷ Property Code 326135	⁸ Property Name Winnebago 30 State Com	⁹ Well Number 502H

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
4	30	22S	35E		451	South	1099	West	Lea

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
1	19	22S	35E		99	North	962	West	Lea
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 3/10/2020	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
	Oryx Delaware Oil Gathering NM, LLC	O
703107	Lucid Energy Delaware, LLC	G

IV. Well Completion Data

²¹ Spud Date 12/22/19	²² Ready Date 3/10/2020	²³ TD 20,729MD, 10,357TVD	²⁴ PBDT 20,680	²⁵ Perforations 10,756 - 20,671	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2		13-3/8	1809		1630
12-1/4		9-5/8	5607		2335
8-3/4 , 8-1/2		5-1/2	20723		3085
		Request tubing exception			

V. Well Test Data

³¹ Date New Oil 3/10/2020	³² Gas Delivery Date 3/10/2020	³³ Test Date 3/26/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure N/A	³⁶ Csg. Pressure 350
³⁷ Choke Size .875	³⁸ Oil 1770	³⁹ Water 4085	⁴⁰ Gas 2144		⁴¹ Test Method F
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: K. Schlichting			OIL CONSERVATION DIVISION		
Printed name: Kanicia Schlichting			Approved by: Patricia Martinez		
Title: Sr. Regulatory Analyst			Title:		
E-mail Address: kanicia.schlichting@cdevinc.com			Approval Date:		
Date: 4/9/2020		Phone: 720-499-1537			