

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. 30-025-49034
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gordita 6 State Com
8. Well Number 601H
9. OGRID Number 372165
10. Pool name or Wildcat Ojo Chiso; Bone Spring
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3627 GL

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 CENTENNIAL RESOURCE PRODUCTION, LLC	
3. Address of Operator 1001 17TH ST SUITE 1800 DENVER, CO 80202	
4. Well Location Unit Letter N : 275 feet from the South line and 1320 feet from the West line Section 6 Township 22S Range 35E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3627 GL	

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

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

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.

Centennial Resource Production, LLC respectfully requests to update the BHL of the subject well, please see below:

Permitted BHL: 100 FSL & 598 FWL
 Drilled BHL: 91 FSL & 360 FWL.

Updated directional survey and well plat is attached to reflect this change.

Spud Date:

04/06/22

Rig Release Date:

05/19/2022

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

SIGNATURE  TITLE **Sr. Regulatory Analyst** DATE **5/23/22**

Type or print name **Meghan Twele** E-mail address: **meghan.twele@cdevinc.com** PHONE: **720-499-1531**

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49034		² Pool Code 96553		³ Pool Name Ojo Chiso; Bone Spring	
⁴ Property Code 331004		⁵ Property Name GORDITA 6 STATE COM			⁶ Well Number 601H
⁷ OGRID No. 372165		⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC			⁹ Elevation 3627.0'

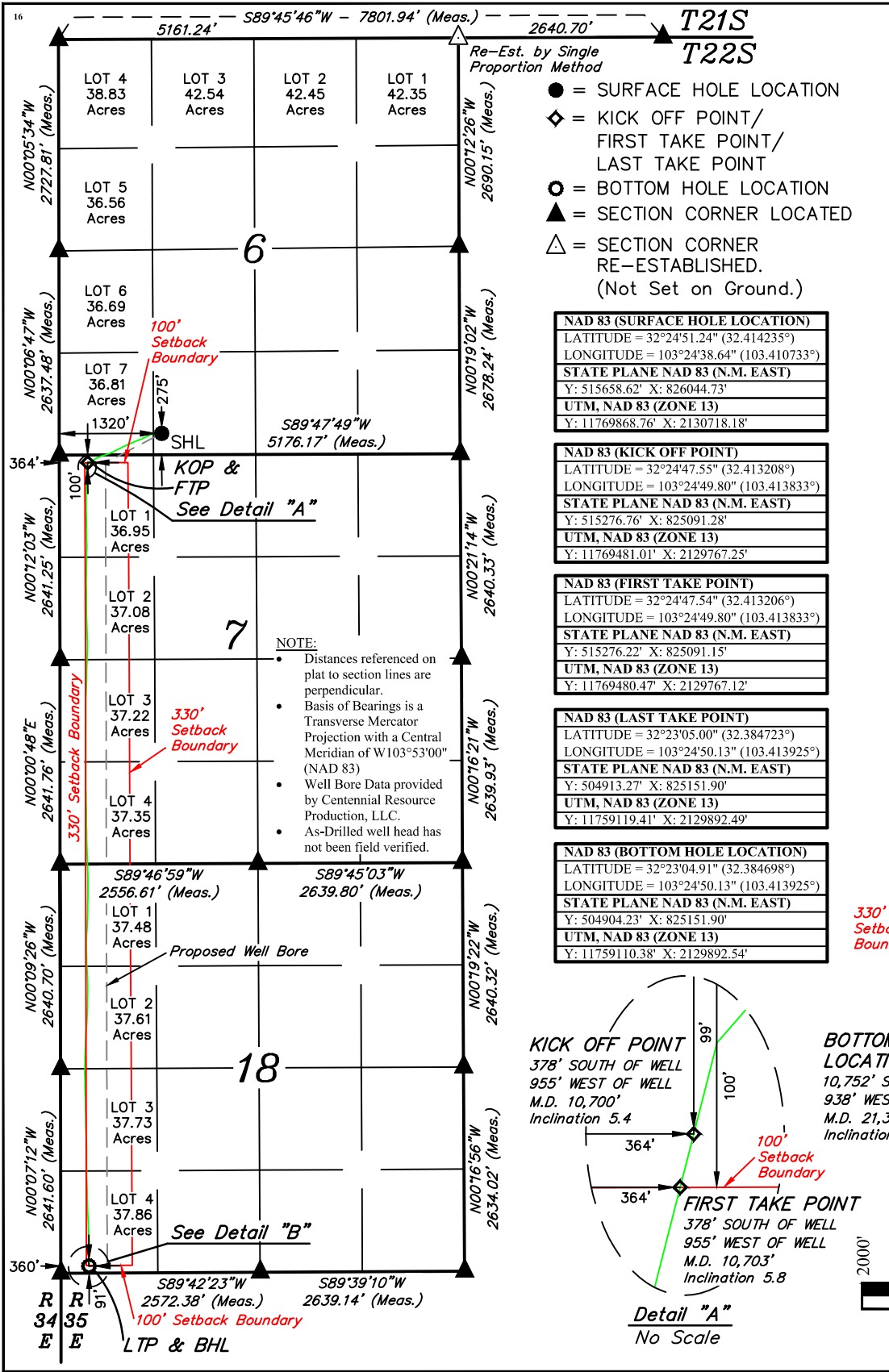
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	22S	35E		275	SOUTH	1320	WEST	LEA

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
4	18	22S	35E		91	SOUTH	360	WEST	LEA
¹² Dedicated Acres 619.28		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.



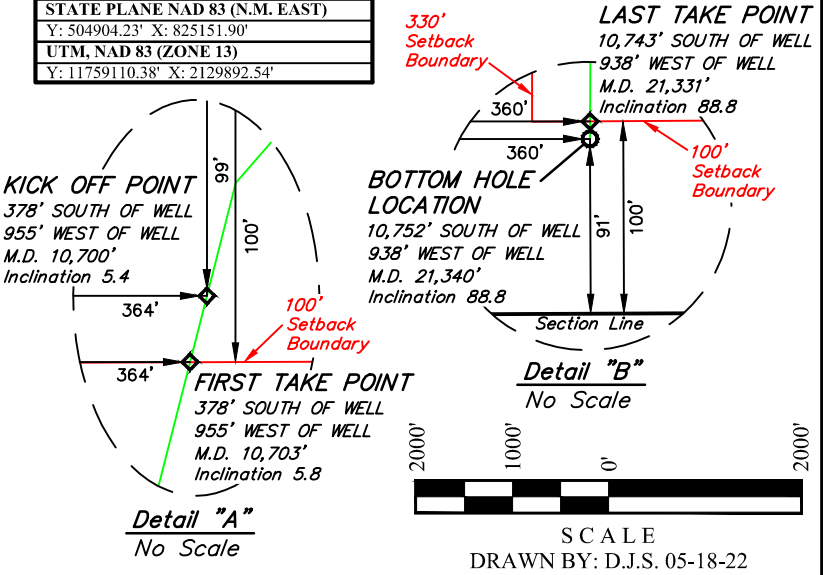
¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to 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.

Signature _____ Date _____
Meghan Twele
Printed Name
meghan.twele@cdevinc.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.

February 26, 2021
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number: _____





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Gordita 6 State Com
601H**

OH / 69541

Design: Surveys (H&P 313)

Standard Survey Report

17 May, 2022





Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 601H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3653.00usft (H&P 313)
Site:	Gordita 6 State Com	MD Reference:	RKB @ 3653.00usft (H&P 313)
Well:	601H	North Reference:	True
Wellbore:	OH / 69541	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

Project	Lea County, NM (NAD83 - UTM Zone 13)		
Map System:	Universal Transverse Mercator (US Survey Fee	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Zone 13N (108 W to 102 W)		Using geodetic scale factor

Site	Gordita 6 State Com		
Site Position:		Northing:	11,769,868.76 usft
From:	Map	Easting:	2,130,718.18 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 24' 51.244931 N
		Longitude:	103° 24' 38.637303 W
		Grid Convergence:	0.852 °

Well	601H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	1.00 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	OH / 69541		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	5/31/2022	6.392
			Dip Angle (°)
			60.092
			Field Strength (nT)
			47,761.09315741

Design	Surveys (H&P 313)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			185.40

Survey Program	Date 5/17/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
183.00	21,340.00	Phoenix MWD Surveys (OH / 69541)	MWD+IFR1+MS
			Description
			OWSG MWD + IFR1 + Multi-Station Correction

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
183.00	0.62	17.12	183.00	0.95	0.29	-0.97	0.34	0.34	0.00
First Phoenix MWD Survey									
269.00	0.73	38.49	268.99	1.82	0.77	-1.88	0.32	0.13	24.85
353.00	0.80	40.90	352.98	2.68	1.49	-2.81	0.09	0.08	2.87
439.00	0.59	36.56	438.98	3.49	2.14	-3.68	0.25	-0.24	-5.05
526.00	0.38	33.58	525.97	4.09	2.57	-4.32	0.24	-0.24	-3.43
612.00	0.43	335.29	611.97	4.62	2.59	-4.85	0.46	0.06	-67.78
712.00	0.18	271.96	711.97	4.97	2.28	-5.16	0.38	-0.25	-63.33
806.00	0.28	253.24	805.97	4.91	1.91	-5.07	0.13	0.11	-19.91
901.00	0.20	279.66	900.97	4.87	1.53	-4.99	0.14	-0.08	27.81



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Site:	Gordita 6 State Com	MD Reference:	RKB @ 3653.00usft (H&P 313)
Well:	601H	North Reference:	True
Wellbore:	OH / 69541	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
996.00	0.51	275.36	995.97	4.94	0.94	-5.00	0.33	0.33	-4.53
1,090.00	0.38	257.58	1,089.96	4.91	0.22	-4.91	0.20	-0.14	-18.91
1,185.00	0.56	277.83	1,184.96	4.90	-0.55	-4.83	0.26	0.19	21.32
1,279.00	0.35	303.86	1,278.96	5.13	-1.24	-4.99	0.31	-0.22	27.69
1,374.00	0.37	290.64	1,373.96	5.40	-1.77	-5.20	0.09	0.02	-13.92
1,468.00	0.59	282.51	1,467.95	5.61	-2.53	-5.34	0.24	0.23	-8.65
1,563.00	0.13	252.35	1,562.95	5.68	-3.11	-5.36	0.51	-0.48	-31.75
1,658.00	0.22	332.72	1,657.95	5.81	-3.29	-5.47	0.25	0.09	84.60
1,753.00	0.52	305.13	1,752.95	6.22	-3.73	-5.84	0.36	0.32	-29.04
1,848.00	0.94	315.13	1,847.94	7.02	-4.63	-6.55	0.46	0.44	10.53
1,868.00	0.96	328.07	1,867.94	7.28	-4.83	-6.79	1.08	0.10	64.70
1,995.00	2.42	18.97	1,994.88	10.72	-4.53	-10.24	1.54	1.15	40.08
2,090.00	2.58	4.29	2,089.80	14.75	-3.71	-14.33	0.69	0.17	-15.45
2,185.00	3.12	322.99	2,184.69	18.94	-5.11	-18.38	2.18	0.57	-43.47
2,279.00	4.11	300.27	2,278.50	22.68	-9.56	-21.68	1.83	1.05	-24.17
2,374.00	5.73	286.21	2,373.15	25.72	-17.05	-24.01	2.11	1.71	-14.80
2,468.00	7.16	272.22	2,466.56	27.26	-27.42	-24.56	2.25	1.52	-14.88
2,563.00	8.51	261.85	2,560.68	26.49	-40.29	-22.59	2.05	1.42	-10.92
2,657.00	9.68	251.59	2,653.50	23.01	-54.68	-17.77	2.12	1.24	-10.91
2,752.00	10.49	246.54	2,747.03	17.05	-70.19	-10.37	1.26	0.85	-5.32
2,846.00	10.29	246.73	2,839.49	10.32	-85.75	-2.21	0.22	-0.21	0.20
2,941.00	10.16	248.68	2,932.98	3.93	-101.35	5.63	0.39	-0.14	2.05
3,035.00	10.10	247.53	3,025.52	-2.24	-116.69	13.21	0.22	-0.06	-1.22
3,129.00	10.48	241.65	3,118.01	-9.45	-131.83	21.81	1.19	0.40	-6.26
3,224.00	9.89	242.52	3,211.51	-17.32	-146.67	31.04	0.64	-0.62	0.92
3,319.00	10.48	242.16	3,305.02	-25.12	-161.55	40.21	0.62	0.62	-0.38
3,414.00	11.15	243.62	3,398.33	-33.23	-177.42	49.78	0.76	0.71	1.54
3,508.00	10.76	244.82	3,490.61	-41.00	-193.50	59.03	0.48	-0.41	1.28
3,603.00	10.19	243.71	3,584.03	-48.50	-209.06	67.96	0.64	-0.60	-1.17
3,698.00	10.00	243.55	3,677.56	-55.90	-223.98	76.73	0.20	-0.20	-0.17
3,793.00	10.01	243.46	3,771.12	-63.26	-238.75	85.45	0.02	0.01	-0.09
3,887.00	10.07	245.98	3,863.68	-70.25	-253.57	93.80	0.47	0.06	2.68
3,982.00	9.90	250.11	3,957.24	-76.41	-268.83	101.37	0.77	-0.18	4.35
4,077.00	10.06	249.76	4,050.80	-82.06	-284.30	108.45	0.18	0.17	-0.37
4,266.00	9.77	251.00	4,236.98	-92.99	-314.95	122.22	0.19	-0.15	0.66
4,361.00	10.05	248.36	4,330.56	-98.67	-330.27	129.32	0.56	0.29	-2.78
4,456.00	10.27	248.07	4,424.07	-104.89	-345.84	136.97	0.24	0.23	-0.31
4,645.00	10.88	247.40	4,609.86	-118.04	-377.93	153.08	0.33	0.32	-0.35
4,740.00	11.75	246.63	4,703.01	-125.32	-395.09	161.95	0.93	0.92	-0.81
4,835.00	11.71	247.71	4,796.03	-132.82	-412.89	171.08	0.23	-0.04	1.14
4,929.00	11.84	245.19	4,888.05	-140.48	-430.47	180.37	0.56	0.14	-2.68
5,024.00	12.21	245.71	4,980.97	-148.70	-448.47	190.25	0.41	0.39	0.55
5,119.00	12.25	245.65	5,073.81	-156.99	-466.81	200.23	0.04	0.04	-0.06



Survey Report



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Well:	601H	North Reference:	True
Wellbore:	OH / 69541	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
5,214.00	12.18	244.86	5,166.66	-165.41	-485.06	210.32	0.19	-0.07	-0.83
5,308.00	12.10	244.24	5,258.56	-173.90	-502.91	220.46	0.16	-0.09	-0.66
5,403.00	11.97	243.51	5,351.47	-182.62	-520.70	230.81	0.21	-0.14	-0.77
5,473.00	11.83	243.59	5,419.97	-189.05	-533.62	238.43	0.20	-0.20	0.11
5,590.00	11.66	244.04	5,534.52	-199.56	-554.99	250.90	0.17	-0.15	0.38
5,685.00	12.11	243.32	5,627.48	-208.24	-572.53	261.19	0.50	0.47	-0.76
5,779.00	12.17	242.36	5,719.38	-217.26	-590.12	271.83	0.22	0.06	-1.02
5,874.00	12.26	242.41	5,812.23	-226.58	-607.93	282.78	0.10	0.09	0.05
5,968.00	12.20	242.36	5,904.09	-235.81	-625.57	293.63	0.06	-0.06	-0.05
6,063.00	11.75	244.25	5,997.03	-244.67	-643.18	304.11	0.63	-0.47	1.99
6,157.00	9.09	251.72	6,089.47	-251.16	-658.85	312.04	3.17	-2.83	7.95
6,252.00	9.03	250.53	6,183.29	-255.99	-673.01	318.19	0.21	-0.06	-1.25
6,347.00	9.36	251.98	6,277.07	-260.87	-687.38	324.40	0.42	0.35	1.53
6,442.00	9.36	251.24	6,370.80	-265.74	-702.04	330.63	0.13	0.00	-0.78
6,536.00	9.15	252.63	6,463.58	-270.43	-716.41	336.65	0.33	-0.22	1.48
6,631.00	9.04	251.66	6,557.38	-275.04	-730.71	342.58	0.20	-0.12	-1.02
6,726.00	8.81	251.82	6,651.23	-279.65	-744.70	348.50	0.24	-0.24	0.17
6,820.00	8.42	250.37	6,744.17	-284.21	-758.02	354.29	0.47	-0.41	-1.54
6,915.00	8.48	251.15	6,838.14	-288.81	-771.20	360.11	0.14	0.06	0.82
7,010.00	7.98	250.81	6,932.16	-293.24	-784.06	365.73	0.53	-0.53	-0.36
7,104.00	7.46	249.46	7,025.31	-297.53	-795.94	371.11	0.59	-0.55	-1.44
7,199.00	7.28	248.84	7,119.53	-301.87	-807.33	376.50	0.21	-0.19	-0.65
7,294.00	6.79	244.95	7,213.81	-306.42	-818.03	382.04	0.72	-0.52	-4.09
7,389.00	5.62	247.14	7,308.25	-310.60	-827.40	387.09	1.26	-1.23	2.31
7,483.00	5.29	244.62	7,401.83	-314.25	-835.56	391.48	0.43	-0.35	-2.68
7,578.00	5.07	243.45	7,496.44	-318.00	-843.27	395.95	0.26	-0.23	-1.23
7,673.00	4.79	241.15	7,591.09	-321.79	-850.50	400.40	0.36	-0.29	-2.42
7,767.00	4.43	239.98	7,684.78	-325.50	-857.08	404.71	0.40	-0.38	-1.24
7,862.00	3.59	235.98	7,779.55	-329.00	-862.72	408.73	0.93	-0.88	-4.21
7,957.00	3.07	231.77	7,874.39	-332.24	-867.19	412.37	0.60	-0.55	-4.43
8,051.00	2.89	233.29	7,968.26	-335.21	-871.06	415.70	0.21	-0.19	1.62
8,146.00	2.48	228.17	8,063.16	-338.01	-874.51	418.81	0.50	-0.43	-5.39
8,241.00	2.42	226.89	8,158.07	-340.76	-877.51	421.82	0.09	-0.06	-1.35
8,336.00	2.09	226.66	8,253.00	-343.32	-880.23	424.63	0.35	-0.35	-0.24
8,430.00	1.95	223.07	8,346.94	-345.66	-882.57	427.18	0.20	-0.15	-3.82
8,525.00	1.53	218.43	8,441.89	-347.83	-884.46	429.53	0.47	-0.44	-4.88
8,620.00	1.52	205.55	8,536.86	-349.96	-885.80	431.77	0.36	-0.01	-13.56
8,714.00	1.74	231.44	8,630.82	-351.98	-887.45	433.93	0.81	0.23	27.54
8,809.00	2.84	253.85	8,725.75	-353.53	-890.84	435.80	1.47	1.16	23.59
8,903.00	2.45	265.24	8,819.65	-354.35	-895.08	437.01	0.69	-0.41	12.12
8,998.00	2.33	263.60	8,914.57	-354.73	-899.02	437.76	0.15	-0.13	-1.73
9,093.00	1.99	250.52	9,009.50	-355.50	-902.49	438.85	0.63	-0.36	-13.77
9,187.00	1.73	239.62	9,103.45	-356.76	-905.26	440.37	0.47	-0.28	-11.60



Survey Report



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Well:	601H	North Reference:	True
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Design:	Surveys (H&P 313)	Database:	USA Compass

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)
9,282.00	1.75	223.49	9,198.41	-358.54	-907.49	442.35	0.51	0.02	-16.98
9,377.00	2.01	202.99	9,293.36	-361.12	-909.14	445.08	0.75	0.27	-21.58
9,472.00	1.63	222.91	9,388.31	-363.65	-910.71	447.74	0.77	-0.40	20.97
9,566.00	1.32	245.80	9,482.28	-365.07	-912.61	449.33	0.70	-0.33	24.35
9,661.00	1.78	249.22	9,577.24	-366.04	-914.99	450.52	0.49	0.48	3.60
9,756.00	3.56	253.13	9,672.14	-367.42	-919.19	452.29	1.88	1.87	4.12
9,850.00	2.92	256.07	9,765.99	-368.84	-924.31	454.19	0.70	-0.68	3.13
9,945.00	2.35	255.81	9,860.89	-369.90	-928.54	455.65	0.60	-0.60	-0.27
10,039.00	2.23	276.59	9,954.81	-370.17	-932.23	456.25	0.89	-0.13	22.11
10,134.00	2.73	283.61	10,049.72	-369.42	-936.26	455.89	0.61	0.53	7.39
10,229.00	2.46	293.13	10,144.63	-368.09	-940.34	454.95	0.53	-0.28	10.02
10,324.00	2.16	297.98	10,239.55	-366.45	-943.79	453.64	0.38	-0.32	5.11
10,418.00	1.52	284.95	10,333.50	-365.29	-946.56	452.75	0.81	-0.68	-13.86
10,513.00	1.87	245.40	10,428.46	-365.61	-949.19	453.32	1.26	0.37	-41.63
10,608.00	3.27	224.93	10,523.37	-368.18	-952.51	456.18	1.74	1.47	-21.55
10,695.00	4.66	218.63	10,610.16	-372.70	-956.47	461.05	1.67	1.60	-7.24
10,790.00	17.78	188.28	10,703.19	-390.15	-960.99	478.86	14.69	13.81	-31.95
10,884.00	26.82	181.64	10,790.08	-425.63	-963.67	514.43	9.97	9.62	-7.06
10,979.00	36.50	180.37	10,870.85	-475.42	-964.47	564.08	10.21	10.19	-1.34
11,074.00	46.00	183.18	10,942.20	-537.94	-966.55	626.52	10.19	10.00	2.96
11,168.00	53.12	182.54	11,003.13	-609.35	-970.10	697.94	7.59	7.57	-0.68
11,263.00	62.08	182.99	11,053.99	-689.39	-973.98	777.99	9.44	9.43	0.47
11,358.00	68.61	181.33	11,093.60	-775.61	-977.20	864.13	7.05	6.87	-1.75
11,453.00	81.29	178.70	11,118.22	-867.16	-977.16	955.27	13.61	13.35	-2.77
11,547.00	87.77	180.57	11,127.17	-960.68	-976.57	1,048.32	7.17	6.89	1.99
11,581.00	88.28	179.76	11,128.35	-994.65	-976.67	1,082.15	2.81	1.50	-2.38
11,672.00	87.65	179.15	11,131.58	-1,085.59	-975.81	1,172.61	0.96	-0.69	-0.67
11,762.00	87.91	179.30	11,135.06	-1,175.52	-974.59	1,262.02	0.33	0.29	0.17
11,853.00	87.19	179.25	11,138.95	-1,266.43	-973.44	1,352.41	0.79	-0.79	-0.05
11,948.00	85.91	178.31	11,144.67	-1,361.23	-971.42	1,446.61	1.67	-1.35	-0.99
12,043.00	87.93	180.13	11,149.78	-1,456.07	-970.13	1,540.91	2.86	2.13	1.92
12,137.00	90.27	181.85	11,151.25	-1,550.04	-971.75	1,634.61	3.09	2.49	1.83
12,232.00	89.50	181.76	11,151.44	-1,644.99	-974.75	1,729.42	0.82	-0.81	-0.09
12,326.00	88.17	181.10	11,153.35	-1,738.94	-977.09	1,823.17	1.58	-1.41	-0.70
12,420.00	87.22	180.85	11,157.13	-1,832.85	-978.69	1,916.82	1.04	-1.01	-0.27
12,515.00	88.81	180.69	11,160.42	-1,927.78	-979.97	2,011.45	1.68	1.67	-0.17
12,610.00	87.83	179.66	11,163.21	-2,022.74	-980.26	2,106.01	1.50	-1.03	-1.08
12,704.00	89.59	179.57	11,165.33	-2,116.71	-979.62	2,199.50	1.87	1.87	-0.10
12,799.00	90.01	179.90	11,165.66	-2,211.70	-979.19	2,294.04	0.56	0.44	0.35
12,894.00	89.76	179.43	11,165.85	-2,306.70	-978.63	2,388.56	0.56	-0.26	-0.49
12,988.00	88.33	177.62	11,167.41	-2,400.65	-976.21	2,481.87	2.45	-1.52	-1.93
13,082.00	89.04	178.54	11,169.57	-2,494.57	-973.06	2,575.07	1.24	0.76	0.98
13,177.00	90.02	179.30	11,170.35	-2,589.55	-971.27	2,669.46	1.31	1.03	0.80
13,272.00	89.50	179.01	11,170.75	-2,684.54	-969.87	2,763.90	0.63	-0.55	-0.31



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 601H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3653.00usft (H&P 313)
Site:	Gordita 6 State Com	MD Reference:	RKB @ 3653.00usft (H&P 313)
Well:	601H	North Reference:	True
Wellbore:	OH / 69541	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
13,367.00	87.60	180.30	11,173.15	-2,779.50	-969.30	2,858.38	2.42	-2.00	1.36
13,461.00	89.18	181.86	11,175.79	-2,873.44	-971.07	2,952.07	2.36	1.68	1.66
13,556.00	89.01	182.55	11,177.29	-2,968.36	-974.73	3,046.91	0.75	-0.18	0.73
13,650.00	88.19	182.31	11,179.59	-3,062.24	-978.71	3,140.76	0.91	-0.87	-0.26
13,744.00	87.49	181.63	11,183.13	-3,156.12	-981.94	3,234.52	1.04	-0.74	-0.72
13,839.00	89.05	182.16	11,186.00	-3,251.02	-985.08	3,329.30	1.73	1.64	0.56
13,933.00	89.85	181.74	11,186.90	-3,344.96	-988.28	3,423.12	0.96	0.85	-0.45
14,028.00	89.61	181.24	11,187.35	-3,439.93	-990.75	3,517.90	0.58	-0.25	-0.53
14,122.00	90.24	180.70	11,187.48	-3,533.91	-992.34	3,611.62	0.88	0.67	-0.57
14,217.00	88.88	179.93	11,188.20	-3,628.91	-992.86	3,706.24	1.65	-1.43	-0.81
14,312.00	89.15	179.96	11,189.84	-3,723.89	-992.77	3,800.79	0.29	0.28	0.03
14,407.00	90.38	179.63	11,190.23	-3,818.89	-992.43	3,895.34	1.34	1.29	-0.35
14,501.00	91.15	180.15	11,188.97	-3,912.88	-992.25	3,988.89	0.99	0.82	0.55
14,595.00	90.81	180.61	11,187.36	-4,006.86	-992.87	4,082.52	0.61	-0.36	0.49
14,690.00	90.21	180.41	11,186.52	-4,101.86	-993.72	4,177.17	0.67	-0.63	-0.21
14,784.00	89.85	180.19	11,186.47	-4,195.85	-994.21	4,270.80	0.45	-0.38	-0.23
14,879.00	91.58	180.75	11,185.28	-4,290.84	-994.99	4,365.43	1.91	1.82	0.59
14,973.00	89.05	180.23	11,184.77	-4,384.83	-995.79	4,459.08	2.75	-2.69	-0.55
15,067.00	86.37	179.97	11,188.52	-4,478.74	-995.96	4,552.59	2.86	-2.85	-0.28
15,162.00	88.16	179.89	11,193.06	-4,573.63	-995.84	4,647.05	1.89	1.88	-0.08
15,256.00	87.31	179.14	11,196.77	-4,667.55	-995.05	4,740.48	1.21	-0.90	-0.80
15,351.00	88.71	179.16	11,200.07	-4,762.48	-993.64	4,834.86	1.47	1.47	0.02
15,446.00	91.35	179.14	11,200.02	-4,857.46	-992.23	4,929.28	2.78	2.78	-0.02
15,540.00	92.26	179.59	11,197.06	-4,951.41	-991.19	5,022.71	1.08	0.97	0.48
15,635.00	92.43	179.59	11,193.17	-5,046.33	-990.51	5,117.15	0.18	0.18	0.00
15,729.00	90.55	179.32	11,190.73	-5,140.29	-989.61	5,210.61	2.02	-2.00	-0.29
15,823.00	89.87	179.32	11,190.38	-5,234.28	-988.50	5,304.08	0.72	-0.72	0.00
15,918.00	88.87	178.45	11,191.43	-5,329.25	-986.65	5,398.45	1.40	-1.05	-0.92
16,012.00	88.73	178.83	11,193.40	-5,423.21	-984.42	5,491.78	0.43	-0.15	0.40
16,106.00	90.19	177.93	11,194.28	-5,517.16	-981.76	5,585.07	1.82	1.55	-0.96
16,201.00	90.56	178.10	11,193.66	-5,612.10	-978.47	5,679.28	0.43	0.39	0.18
16,295.00	87.76	178.93	11,195.04	-5,706.05	-976.04	5,772.58	3.11	-2.98	0.88
16,389.00	87.88	180.74	11,198.62	-5,799.98	-975.77	5,866.07	1.93	0.13	1.93
16,484.00	88.68	180.77	11,201.47	-5,894.93	-977.02	5,960.71	0.84	0.84	0.03
16,578.00	86.70	180.17	11,205.26	-5,988.84	-977.79	6,054.28	2.20	-2.11	-0.64
16,672.00	87.76	181.11	11,209.80	-6,082.72	-978.84	6,147.84	1.51	1.13	1.00
16,767.00	87.83	181.58	11,213.45	-6,177.63	-981.07	6,242.54	0.50	0.07	0.49
16,861.00	87.54	182.48	11,217.25	-6,271.49	-984.39	6,336.30	1.01	-0.31	0.96
16,955.00	91.56	182.97	11,217.99	-6,365.36	-988.86	6,430.17	4.31	4.28	0.52
17,049.00	90.72	183.49	11,216.12	-6,459.19	-994.16	6,524.08	1.05	-0.89	0.55
17,143.00	91.56	181.03	11,214.25	-6,553.09	-997.86	6,617.92	2.76	0.89	-2.62
17,238.00	90.59	179.59	11,212.47	-6,648.07	-998.38	6,712.52	1.83	-1.02	-1.52
17,332.00	89.87	179.32	11,212.09	-6,742.06	-997.48	6,806.01	0.82	-0.77	-0.29



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 601H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3653.00usft (H&P 313)
Site:	Gordita 6 State Com	MD Reference:	RKB @ 3653.00usft (H&P 313)
Well:	601H	North Reference:	True
Wellbore:	OH / 69541	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
17,426.00	86.96	177.87	11,214.69	-6,835.99	-995.18	6,899.30	3.46	-3.10	-1.54
17,521.00	86.12	177.37	11,220.42	-6,930.73	-991.24	6,993.26	1.03	-0.88	-0.53
17,615.00	85.57	176.94	11,227.23	-7,024.37	-986.59	7,086.04	0.74	-0.59	-0.46
17,710.00	87.33	179.60	11,233.12	-7,119.13	-983.73	7,180.11	3.35	1.85	2.80
17,804.00	87.88	181.31	11,237.04	-7,213.04	-984.47	7,273.68	1.91	0.59	1.82
17,899.00	87.99	182.13	11,240.47	-7,307.94	-987.32	7,368.42	0.87	0.12	0.86
17,994.00	87.48	181.55	11,244.22	-7,402.81	-990.37	7,463.16	0.81	-0.54	-0.61
18,088.00	88.62	182.62	11,247.42	-7,496.69	-993.79	7,556.95	1.66	1.21	1.14
18,183.00	87.54	182.68	11,250.60	-7,591.54	-998.18	7,651.78	1.14	-1.14	0.06
18,278.00	88.33	183.67	11,254.03	-7,686.33	-1,003.44	7,746.65	1.33	0.83	1.04
18,372.00	89.58	183.64	11,255.74	-7,780.12	-1,009.43	7,840.59	1.33	1.33	-0.03
18,467.00	90.15	182.32	11,255.96	-7,874.99	-1,014.37	7,935.50	1.51	0.60	-1.39
18,561.00	91.61	182.39	11,254.52	-7,968.89	-1,018.23	8,029.35	1.55	1.55	0.07
18,656.00	91.50	181.66	11,251.94	-8,063.80	-1,021.58	8,124.15	0.78	-0.12	-0.77
18,750.00	91.41	181.08	11,249.56	-8,157.74	-1,023.83	8,217.89	0.62	-0.10	-0.62
18,844.00	90.56	180.34	11,247.94	-8,251.72	-1,025.00	8,311.56	1.20	-0.90	-0.79
18,939.00	89.95	179.07	11,247.52	-8,346.72	-1,024.51	8,406.09	1.48	-0.64	-1.34
19,033.00	90.12	178.62	11,247.46	-8,440.70	-1,022.61	8,499.47	0.51	0.18	-0.48
19,128.00	91.29	178.19	11,246.29	-8,535.65	-1,019.97	8,593.76	1.31	1.23	-0.45
19,222.00	89.79	179.73	11,245.40	-8,629.62	-1,018.26	8,687.15	2.29	-1.60	1.64
19,317.00	89.16	179.19	11,246.28	-8,724.62	-1,017.37	8,781.64	0.87	-0.66	-0.57
19,411.00	88.95	179.03	11,247.83	-8,818.59	-1,015.91	8,875.06	0.28	-0.22	-0.17
19,506.00	88.56	179.06	11,249.89	-8,913.56	-1,014.32	8,969.45	0.41	-0.41	0.03
19,600.00	87.82	178.49	11,252.86	-9,007.49	-1,012.32	9,062.78	0.99	-0.79	-0.61
19,694.00	86.84	178.11	11,257.24	-9,101.34	-1,009.53	9,155.95	1.12	-1.04	-0.40
19,789.00	88.08	180.15	11,261.45	-9,196.23	-1,008.09	9,250.29	2.51	1.31	2.15
19,884.00	88.30	180.52	11,264.45	-9,291.18	-1,008.65	9,344.87	0.45	0.23	0.39
19,978.00	88.13	180.13	11,267.38	-9,385.13	-1,009.18	9,438.45	0.45	-0.18	-0.41
20,073.00	88.70	179.63	11,270.00	-9,480.10	-1,008.98	9,532.98	0.80	0.60	-0.53
20,167.00	86.71	178.13	11,273.77	-9,574.00	-1,007.14	9,626.29	2.65	-2.12	-1.60
20,261.00	92.55	179.37	11,274.38	-9,667.93	-1,005.10	9,719.61	6.35	6.21	1.32
20,356.00	92.19	179.22	11,270.45	-9,762.84	-1,003.93	9,813.99	0.41	-0.38	-0.16
20,451.00	90.01	178.91	11,268.62	-9,857.80	-1,002.38	9,908.39	2.32	-2.29	-0.33
20,545.00	89.18	178.47	11,269.29	-9,951.78	-1,000.23	10,001.74	1.00	-0.88	-0.47
20,640.00	88.85	177.40	11,270.92	-10,046.70	-996.81	10,095.92	1.18	-0.35	-1.13
20,734.00	89.75	177.33	11,272.07	-10,140.59	-992.48	10,188.99	0.96	0.96	-0.07
20,829.00	88.27	177.86	11,273.71	-10,235.49	-988.50	10,283.09	1.65	-1.56	0.56
20,924.00	87.99	178.00	11,276.81	-10,330.38	-985.07	10,377.23	0.33	-0.29	0.15
21,018.00	89.62	179.30	11,278.77	-10,424.33	-982.86	10,470.56	2.22	1.73	1.38
21,113.00	88.34	180.94	11,280.46	-10,519.31	-983.05	10,565.13	2.19	-1.35	1.73
21,208.00	89.38	180.65	11,282.35	-10,614.28	-984.37	10,659.81	1.14	1.09	-0.31
21,280.00	88.75	180.53	11,283.53	-10,686.26	-985.11	10,731.54	0.89	-0.88	-0.17
Final Phoenix MWD Survey									



Survey Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 601H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3653.00usft (H&P 313)
Site:	Gordita 6 State Com	MD Reference:	RKB @ 3653.00usft (H&P 313)
Well:	601H	North Reference:	True
Wellbore:	OH / 69541	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	Database:	USA Compass

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)
21,340.00	88.75	180.53	11,284.84	-10,746.25	-985.67	10,791.31	0.00	0.00	0.00
Projection to TD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
183.00	183.00	0.95	0.29	First Phoenix MWD Survey
21,280.00	11,283.53	-10,686.26	-985.11	Final Phoenix MWD Survey
21,340.00	11,284.84	-10,746.25	-985.67	Projection to TD

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 61367

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 61367
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	5/31/2022