

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. 30-025-50273
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Winnebago 30 State Com
8. Well Number 602H
9. OGRID Number 372165
10. Pool name or Wildcat Ojo Chiso; Bone Spring, South

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 _____ : 300 feet from the South line and 1100 feet from the West line Section 30 Township 22S Range 35E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3455 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 move the BHL to 100' FNL & 1905' FWL.
Updated directional survey and C-102 well plat is attached.

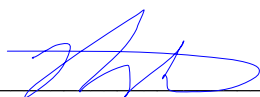
Spud Date:

7/12/22

Rig Release Date:

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 **7/21/22**

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):

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

☐ AMENDED REPORT

16

NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°21'22.48" (32.356243°)	
LONGITUDE = 103°24'41.81" (103.411613°)	
STATE PLANE NAD 83 (N.M. EAST)	
Y: 494558.37' X: 825954.76'	
UTM, NAD 83 (ZONE 13)	
Y: 11748771.03' X: 2130759.75'	

NAD 83 (PP/FTP)	
LATITUDE = 32°21'20.50" (32.355695°)	
LONGITUDE = 103°24'38.26" (103.410627°)	
STATE PLANE NAD 83 (N.M. EAST)	
Y: 494361.68' X: 826260.97'	
UTM, NAD 83 (ZONE 13)	
Y: 11748576.28' X: 2131067.14'	

NAD 83 (INFLECTION POINT)	
LATITUDE = 32°22'11.76" (32.369934°)	
LONGITUDE = 103°24'38.11" (103.410585°)	
STATE PLANE NAD 83 (N.M. EAST)	
Y: 499541.94' X: 826229.41'	
UTM, NAD 83 (ZONE 13)	
Y: 11753755.59' X: 2131003.31'	

NAD 83 (LTP/BHL)	
LATITUDE = 32°23'03.03" (32.384176°)	
LONGITUDE = 103°24'32.12" (103.408923°)	
STATE PLANE NAD 83 (N.M. EAST)	
Y: 504727.71' X: 826697.73'	
UTM, NAD 83 (ZONE 13)	
Y: 11758943.52' X: 2131439.25'	

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S57°02'43"E	364.00'
L2	N89°42'23"E	2572.38'

The figure is a survey plat for sections 19 and 30. Section 19 is at the top, and Section 30 is at the bottom. Each section contains four lots, each 38.01 to 39.34 acres. The plat shows bearings and distances for all section and lot boundaries. Key points include the Surface Hole Location (SHL) in Section 30, the PP/FTP (Proposed/Feasibility Test Point) near the SHL, the Inflection Point on the boundary between sections 19 and 30, and the LTP/BHL (Line/Block Hole Location) in Section 19. A scale bar at the bottom indicates distances up to 2000 feet.

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"

A scale bar showing distances of 0, 1000, and 2000 feet.

SCALE

DRAWN BY: Z.T. 07-22-19

REV: 3 06-28-22 D.M.C.

(WELL BORE CHANGES)

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 7/21/22

Printed Name **Meghan Twele**

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.

May 19, 2022

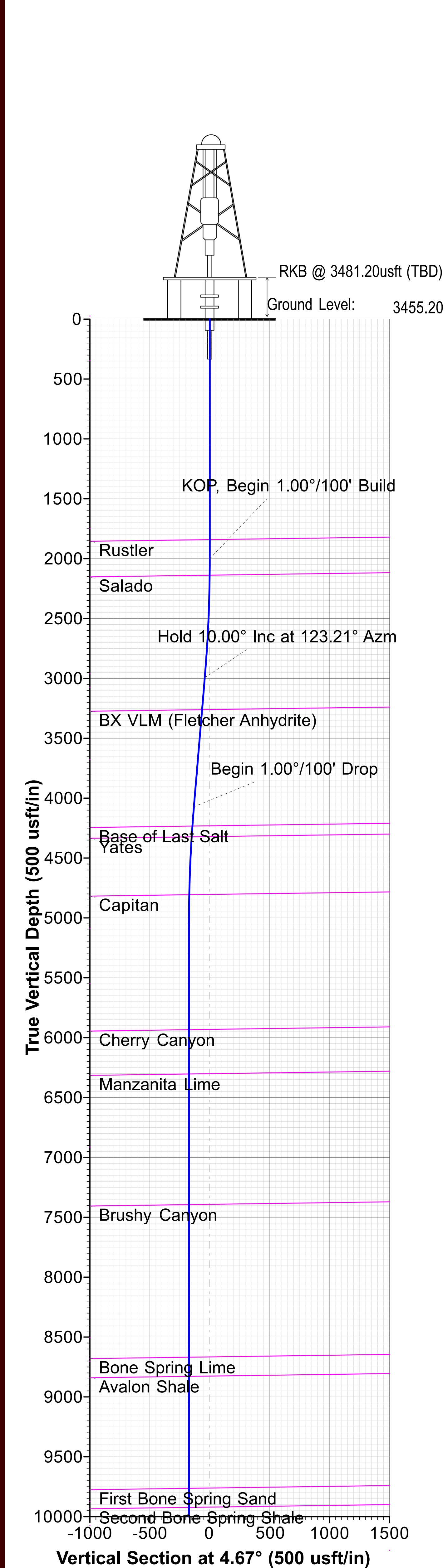
Date of Survey

Signature and Seal of Professional Surveyor:

A circular professional surveyor seal for Paul Buchele, New Mexico. The seal includes the text "PAUL BUCHELE", "NEW MEXICO", "23782", and "06-28-22". The seal is signed with a blue ink signature.

Certificate Number:

- = SURFACE HOLE LOCATION
- ◆ = PP/FTP/INFLECTION POINT
- = LTP/BHL
- ▲ = SECTION CORNER LOCATED

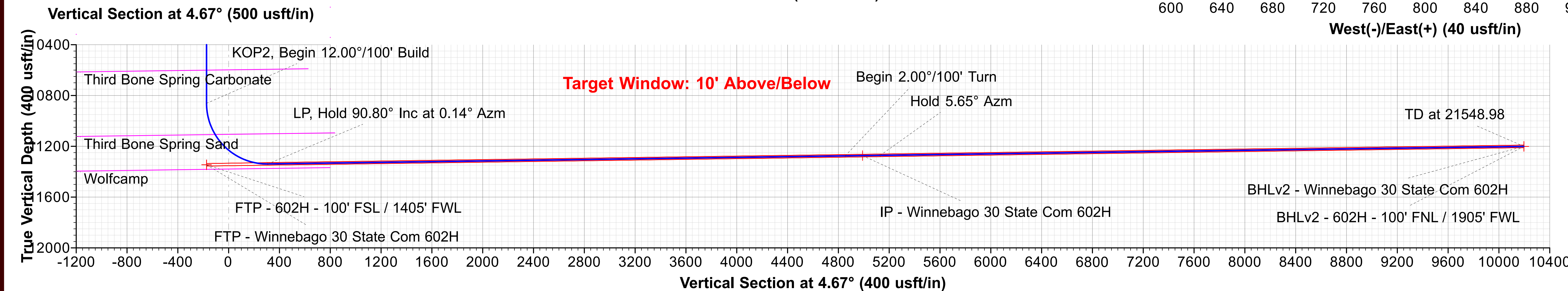
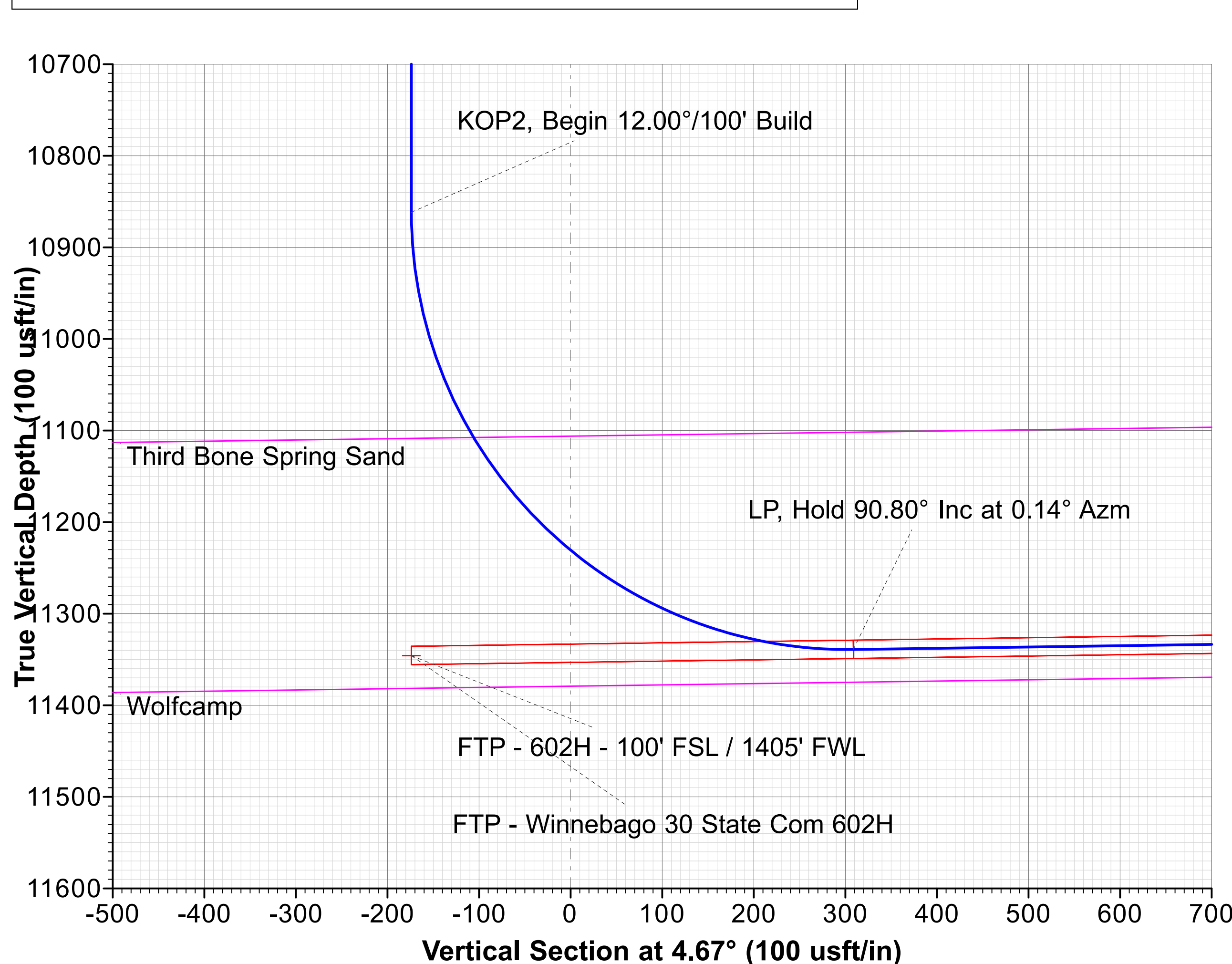


WELL DETAILS											
							Ground Level:	3455.20			
	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude					
	0.00	0.00	11748771.03	2130759.75	32° 21' 22.475659 N	103° 24' 41.807675 W					

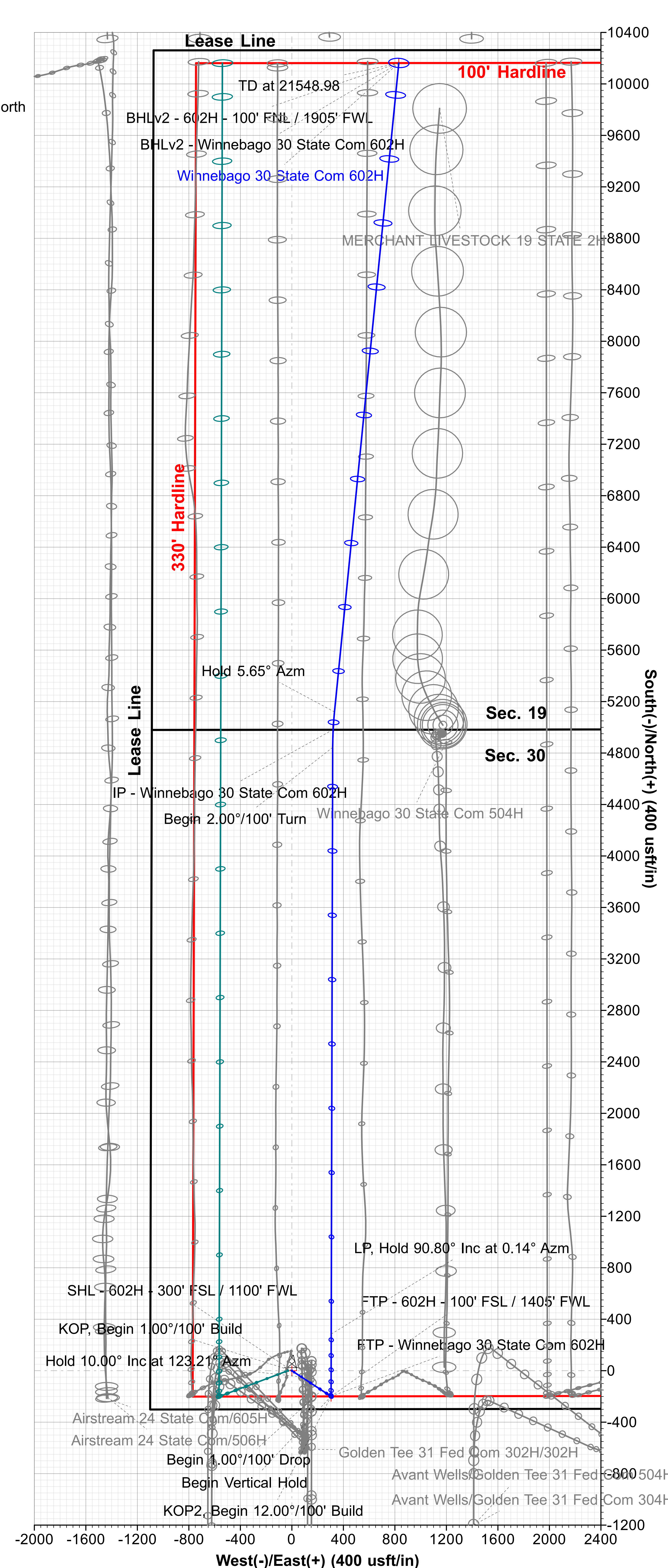
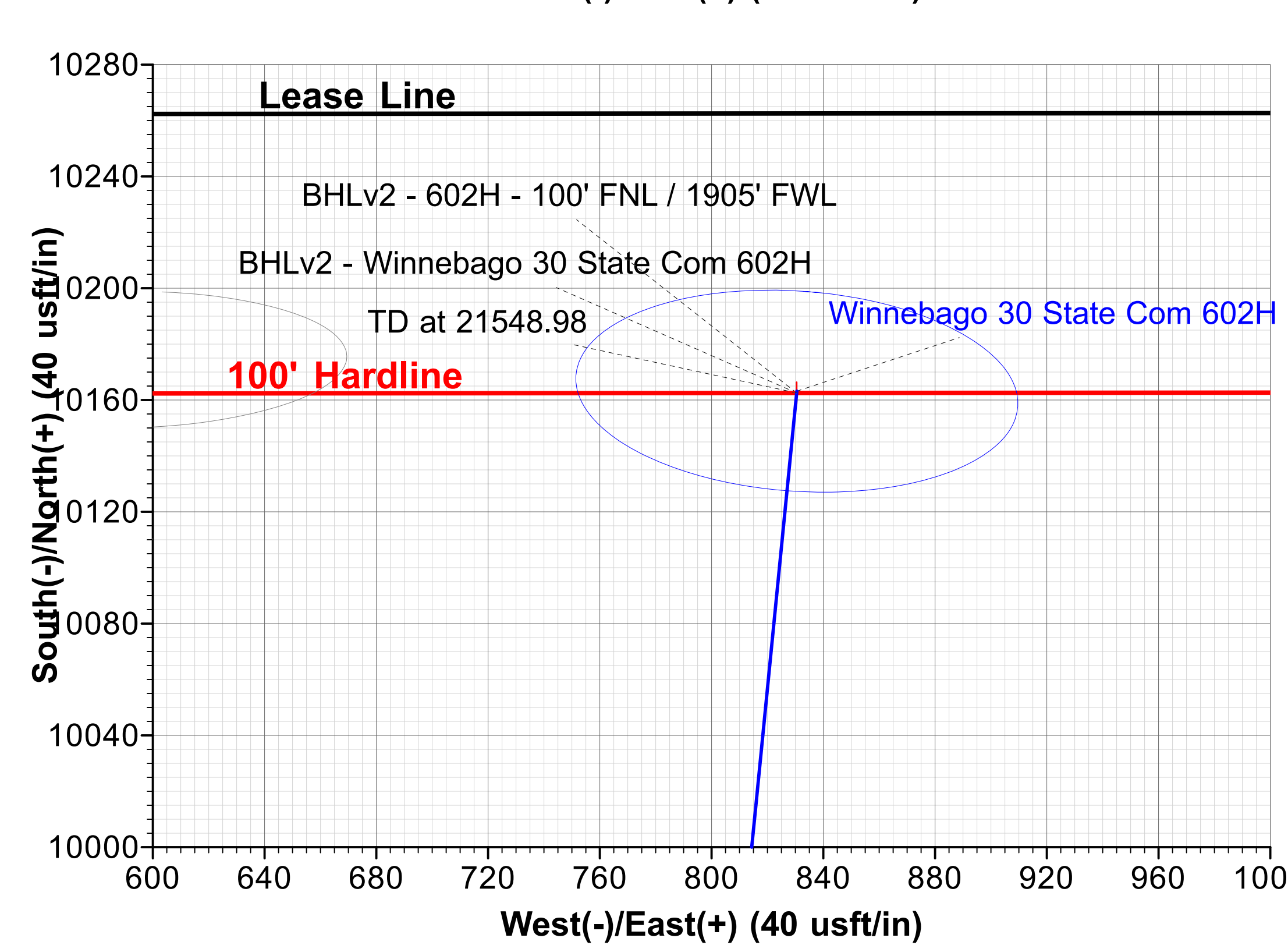
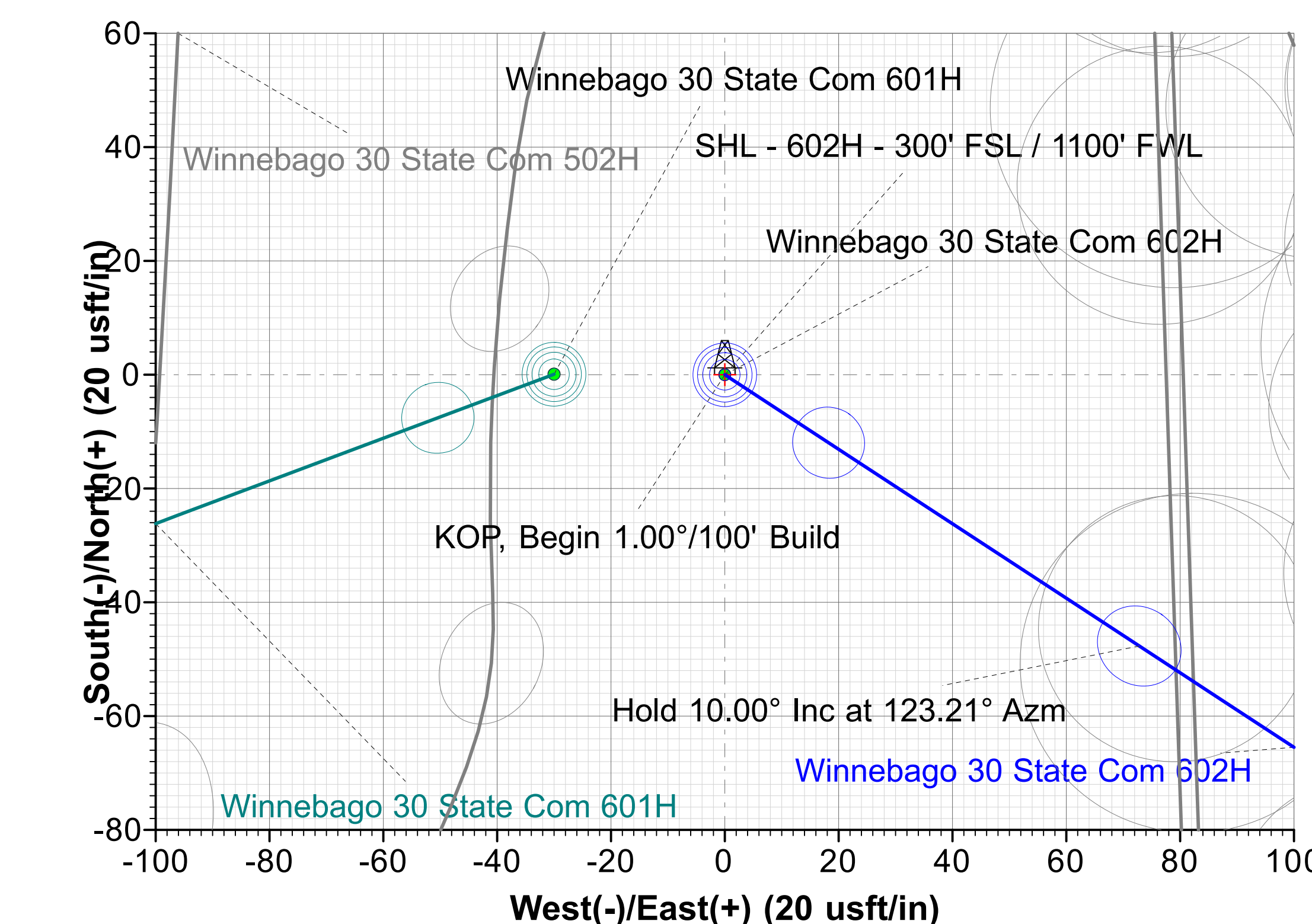
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00		KOP, Begin 1.00°/100' Build
2	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.000	0.00		Hold 10.00° Inc at 123.21° Azm
3	3000.00	10.00	123.21	2994.93	-47.67	72.83	1.00	123.207	-41.58		Begin 1.00°/100' Drop
4	4093.28	10.00	123.21	4071.60	-151.64	231.67	0.00	0.000	-132.27		Begin Vertical Hold
5	5093.28	0.00	0.00	5066.53	-199.32	304.50	1.00	180.000	-173.85		KOP2, Begin 12.00°/100' Build
6	10888.48	0.00	0.00	10861.73	-199.32	304.50	0.00	0.000	-173.85		LP, Hold 90.80° Inc at 0.14° Azm
7	11645.14	90.80	0.14	11339.15	284.81	305.72	12.00	0.144	308.77		Begin 2.00°/100' Turn
8	16205.14	90.80	0.14	11275.48	4844.36	317.20	0.00	0.000	4854.10		Hold 5.65° Azm
9	16480.65	90.80	5.65	11271.63	5119.37	331.13	2.00	89.976	5129.33		TD at 21548.98
10	21548.98	90.80	5.65	11200.99	10162.55	830.49	0.00	0.000	10196.43	BHLv2 - Winnebago 30 State Com 602H	

DESIGN TARGET DETAILS											
Name	TVD	+N/-S	+E/-W	Easting	Latitude	Longitude					
SHL - 602H - 300' FSL / 1100' FWL	0.00	0.00	0.00	11748771.03	2130759.75	32° 21' 22.475659 N	103° 24' 41.807675 W				
BHLv2 - 602H - 100' FNL / 1905' FWL	11200.99	10162.55	830.49	11758943.52	2131439.25	32° 23' 3.033279 N	103° 24' 32.122667 W				
BHLv2 - Winnebago 30 State Com 602H	11200.99	10162.55	830.49	11758943.52	2131439.25	32° 23' 3.033279 N	103° 24' 32.122667 W				
IP - Winnebago 30 State Com 602H	11273.54	4981.02	317.54	11753755.59	2131003.31	32° 22' 11.762533 N	103° 24' 38.105229 W				
FTP - 602H - 100' FSL / 1405' FWL	11345.84	-199.32	304.50	11748576.28	2131067.14	32° 21' 20.503436 N	103° 24' 38.257911 W				
FTP - Winnebago 30 State Com 602H	11345.84	-199.32	304.50	11748576.28	2131067.14	32° 21' 20.503436 N	103° 24' 38.257911 W				

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1841.20	1841.20	Rustler
2138.21	2138.23	Salado
3261.17	3270.35	BX VLM (Fletcher Anhydrite)
4233.40	4257.18	Base of Last Salt
4323.49	4348.14	Yates
4806.80	4833.46	Capitan
5933.84	5960.59	Cherry Canyon
6303.84	6330.59	Manzanita Lime
7394.84	7421.59	Brushy Canyon
8668.84	8695.59	Bone Spring Lime
8828.84	8855.59	Avalon Shale
9763.84	9790.59	First Bone Spring Sand
9922.84	9949.59	Second Bone Spring Sand
10302.84	10329.59	Second Bone Spring Sand
10600.84	10627.59	Third Bone Spring Carbonate
11107.89	11147.10	Third Bone Spring Sand



Map System: Universal Transverse Mercator (US Survey Feet)
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: Zone 13N (108 W to 102 W)
Local Origin: Well Winnebago 30 State Com 602H, True North
Latitude: 32° 21' 22.475659 N
Longitude: 103° 24' 41.807675 W
Grid East: 2130759.75
Grid North: 11748771.03
Scale Factor: 1.000
Geomagnetic Model: MVHD
Sample Date: 03-Aug-22
Magnetic Declination: 6.376°
Dip Angle from Horizontal: 59.962°
Magnetic Field Strength: 47690.14418319nT
To convert a Magnetic Direction to a Grid Direction, Add 5.526°
To convert a Magnetic Direction to a True Direction, Add 6.376° East
To convert a True Direction to a Grid Direction, Subtract 0.850°





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Winnebago 30 State Com
Winnebago 30 State Com 602H**

OH

Plan: Plan 2 07-06-22

Standard Planning Report

06 July, 2022





Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

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	Winnebago 30 State Com		
Site Position:		Northing:	11,748,785.38 usft
From:	Map	Easting:	2,131,624.41 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 21' 22.490569 N
		Longitude:	103° 24' 31.725197 W

Well	Winnebago 30 State Com 602H		
Well Position	+N/-S	-1.49 usft	Northing: 11,748,771.03 usft
	+E/-W	-864.88 usft	Easting: 2,130,759.75 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	Latitude: 32° 21' 22.475659 N
			Longitude: 103° 24' 41.807676 W
			Ground Level: 3,455.20 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	8/3/2022	6.376	59.962	47,690.14418319

Design	Plan 2 07-06-22			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	4.67

Plan Survey Tool Program	Date	7/6/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	21,548.98	Plan 2 07-06-22 (OH)	MWD+IFR1+MS
				OWSG MWD + IFR1 + Mult



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,000.00	10.00	123.21	2,994.93	-47.67	72.83	1.00	1.00	0.00	123.207	
4,093.28	10.00	123.21	4,071.60	-151.64	231.67	0.00	0.00	0.00	0.000	
5,093.28	0.00	0.00	5,066.53	-199.32	304.50	1.00	-1.00	0.00	180.000	
10,888.48	0.00	0.00	10,861.73	-199.32	304.50	0.00	0.00	0.00	0.000	
11,645.14	90.80	0.14	11,339.15	284.81	305.72	12.00	12.00	0.00	0.144	
16,205.14	90.80	0.14	11,275.48	4,844.36	317.20	0.00	0.00	0.00	0.000	
16,480.65	90.80	5.65	11,271.63	5,119.37	331.13	2.00	0.00	2.00	89.976	
21,548.98	90.80	5.65	11,200.99	10,162.55	830.49	0.00	0.00	0.00	0.000	BHLv2 - Winnebago



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Planned 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
1,841.20	0.00	0.00	1,841.20	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Begin 1.00°/100' Build									
2,100.00	1.00	123.21	2,099.99	-0.48	0.73	-0.42	1.00	1.00	0.00
2,138.23	1.38	123.21	2,138.21	-0.91	1.39	-0.80	1.00	1.00	0.00
Salado									
2,200.00	2.00	123.21	2,199.96	-1.91	2.92	-1.67	1.00	1.00	0.00
2,300.00	3.00	123.21	2,299.86	-4.30	6.57	-3.75	1.00	1.00	0.00
2,400.00	4.00	123.21	2,399.68	-7.64	11.68	-6.67	1.00	1.00	0.00
2,500.00	5.00	123.21	2,499.37	-11.94	18.24	-10.42	1.00	1.00	0.00
2,600.00	6.00	123.21	2,598.90	-17.19	26.26	-14.99	1.00	1.00	0.00
2,700.00	7.00	123.21	2,698.26	-23.39	35.73	-20.40	1.00	1.00	0.00
2,800.00	8.00	123.21	2,797.40	-30.54	46.65	-26.64	1.00	1.00	0.00
2,900.00	9.00	123.21	2,896.30	-38.63	59.02	-33.70	1.00	1.00	0.00
3,000.00	10.00	123.21	2,994.93	-47.67	72.83	-41.58	1.00	1.00	0.00
Hold 10.00° Inc at 123.21° Azm									
3,100.00	10.00	123.21	3,093.41	-57.18	87.36	-49.88	0.00	0.00	0.00
3,200.00	10.00	123.21	3,191.89	-66.69	101.89	-58.17	0.00	0.00	0.00
3,270.35	10.00	123.21	3,261.17	-73.38	112.11	-64.01	0.00	0.00	0.00
BX VLM (Fletcher Anhydrite)									
3,300.00	10.00	123.21	3,290.37	-76.20	116.42	-66.47	0.00	0.00	0.00
3,400.00	10.00	123.21	3,388.85	-85.71	130.95	-74.76	0.00	0.00	0.00
3,500.00	10.00	123.21	3,487.33	-95.22	145.48	-83.06	0.00	0.00	0.00
3,600.00	10.00	123.21	3,585.82	-104.73	160.01	-91.35	0.00	0.00	0.00
3,700.00	10.00	123.21	3,684.30	-114.24	174.53	-99.65	0.00	0.00	0.00
3,800.00	10.00	123.21	3,782.78	-123.75	189.06	-107.94	0.00	0.00	0.00
3,900.00	10.00	123.21	3,881.26	-133.26	203.59	-116.24	0.00	0.00	0.00
4,000.00	10.00	123.21	3,979.74	-142.77	218.12	-124.53	0.00	0.00	0.00
4,093.28	10.00	123.21	4,071.60	-151.64	231.67	-132.27	0.00	0.00	0.00
Begin 1.00°/100' Drop									
4,100.00	9.93	123.21	4,078.22	-152.28	232.65	-132.83	1.00	-1.00	0.00
4,200.00	8.93	123.21	4,176.87	-161.26	246.36	-140.65	1.00	-1.00	0.00
4,257.19	8.36	123.21	4,233.40	-165.96	253.55	-144.76	1.00	-1.00	0.00
Base of Last Salt									
4,300.00	7.93	123.21	4,275.78	-169.29	258.63	-147.66	1.00	-1.00	0.00
4,348.14	7.45	123.21	4,323.49	-172.82	264.02	-150.74	1.00	-1.00	0.00
Yates									
4,400.00	6.93	123.21	4,374.94	-176.37	269.45	-153.84	1.00	-1.00	0.00
4,500.00	5.93	123.21	4,474.31	-182.51	278.83	-159.19	1.00	-1.00	0.00
4,600.00	4.93	123.21	4,573.86	-187.69	286.75	-163.71	1.00	-1.00	0.00
4,700.00	3.93	123.21	4,673.56	-191.93	293.22	-167.41	1.00	-1.00	0.00
4,800.00	2.93	123.21	4,773.38	-195.21	298.23	-170.27	1.00	-1.00	0.00
4,833.46	2.60	123.21	4,806.80	-196.09	299.58	-171.04	1.00	-1.00	0.00
Capitan									
4,900.00	1.93	123.21	4,873.29	-197.53	301.78	-172.29	1.00	-1.00	0.00
5,000.00	0.93	123.21	4,973.26	-198.90	303.87	-173.49	1.00	-1.00	0.00
5,093.28	0.00	0.00	5,066.53	-199.32	304.50	-173.85	1.00	-1.00	0.00
Begin Vertical Hold									
5,100.00	0.00	0.00	5,073.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,200.00	0.00	0.00	5,173.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,300.00	0.00	0.00	5,273.25	-199.32	304.50	-173.85	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Planned 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)
5,400.00	0.00	0.00	5,373.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,500.00	0.00	0.00	5,473.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,600.00	0.00	0.00	5,573.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,700.00	0.00	0.00	5,673.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,800.00	0.00	0.00	5,773.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,900.00	0.00	0.00	5,873.25	-199.32	304.50	-173.85	0.00	0.00	0.00
5,960.59	0.00	0.00	5,933.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Cherry Canyon									
6,000.00	0.00	0.00	5,973.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,100.00	0.00	0.00	6,073.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,200.00	0.00	0.00	6,173.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,300.00	0.00	0.00	6,273.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,330.59	0.00	0.00	6,303.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Manzanita Lime									
6,400.00	0.00	0.00	6,373.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,500.00	0.00	0.00	6,473.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,600.00	0.00	0.00	6,573.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,700.00	0.00	0.00	6,673.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,800.00	0.00	0.00	6,773.25	-199.32	304.50	-173.85	0.00	0.00	0.00
6,900.00	0.00	0.00	6,873.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,000.00	0.00	0.00	6,973.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,100.00	0.00	0.00	7,073.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,200.00	0.00	0.00	7,173.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,300.00	0.00	0.00	7,273.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,400.00	0.00	0.00	7,373.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,421.59	0.00	0.00	7,394.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Brushy Canyon									
7,500.00	0.00	0.00	7,473.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,600.00	0.00	0.00	7,573.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,700.00	0.00	0.00	7,673.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,800.00	0.00	0.00	7,773.25	-199.32	304.50	-173.85	0.00	0.00	0.00
7,900.00	0.00	0.00	7,873.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,000.00	0.00	0.00	7,973.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,100.00	0.00	0.00	8,073.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,200.00	0.00	0.00	8,173.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,300.00	0.00	0.00	8,273.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,400.00	0.00	0.00	8,373.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,500.00	0.00	0.00	8,473.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,600.00	0.00	0.00	8,573.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,695.59	0.00	0.00	8,668.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Bone Spring Lime									
8,700.00	0.00	0.00	8,673.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,800.00	0.00	0.00	8,773.25	-199.32	304.50	-173.85	0.00	0.00	0.00
8,855.59	0.00	0.00	8,828.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Avalon Shale									
8,900.00	0.00	0.00	8,873.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,000.00	0.00	0.00	8,973.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,100.00	0.00	0.00	9,073.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,200.00	0.00	0.00	9,173.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,300.00	0.00	0.00	9,273.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,400.00	0.00	0.00	9,373.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,500.00	0.00	0.00	9,473.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,600.00	0.00	0.00	9,573.25	-199.32	304.50	-173.85	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Planned 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)
9,700.00	0.00	0.00	9,673.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,790.59	0.00	0.00	9,763.84	-199.32	304.50	-173.85	0.00	0.00	0.00
First Bone Spring Sand									
9,800.00	0.00	0.00	9,773.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,900.00	0.00	0.00	9,873.25	-199.32	304.50	-173.85	0.00	0.00	0.00
9,949.59	0.00	0.00	9,922.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Second Bone Spring Shale									
10,000.00	0.00	0.00	9,973.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,100.00	0.00	0.00	10,073.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,200.00	0.00	0.00	10,173.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,300.00	0.00	0.00	10,273.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,329.59	0.00	0.00	10,302.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Second Bone Spring Sand									
10,400.00	0.00	0.00	10,373.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,500.00	0.00	0.00	10,473.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,600.00	0.00	0.00	10,573.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,627.59	0.00	0.00	10,600.84	-199.32	304.50	-173.85	0.00	0.00	0.00
Third Bone Spring Carbonate									
10,700.00	0.00	0.00	10,673.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,800.00	0.00	0.00	10,773.25	-199.32	304.50	-173.85	0.00	0.00	0.00
10,888.48	0.00	0.00	10,861.73	-199.32	304.50	-173.85	0.00	0.00	0.00
KOP2, Begin 12.00°/100' Build									
10,900.00	1.38	0.14	10,873.25	-199.18	304.50	-173.71	12.00	12.00	0.00
11,000.00	13.38	0.14	10,972.24	-186.35	304.54	-160.93	12.00	12.00	0.00
11,100.00	25.38	0.14	11,066.40	-153.22	304.62	-127.90	12.00	12.00	0.00
11,147.10	31.03	0.14	11,107.89	-130.97	304.68	-105.72	12.00	12.00	0.00
Third Bone Spring Sand									
11,200.00	37.38	0.14	11,151.62	-101.24	304.75	-76.08	12.00	12.00	0.00
11,300.00	49.38	0.14	11,224.16	-32.68	304.92	-7.74	12.00	12.00	0.00
11,400.00	61.38	0.14	11,280.87	49.46	305.13	74.15	12.00	12.00	0.00
11,500.00	73.38	0.14	11,319.25	141.60	305.36	166.01	12.00	12.00	0.00
11,600.00	85.38	0.14	11,337.65	239.71	305.61	263.81	12.00	12.00	0.00
11,645.14	90.80	0.14	11,339.15	284.81	305.72	308.77	12.00	12.00	0.00
LP, Hold 90.80° Inc at 0.14° Azm									
11,700.00	90.80	0.14	11,338.38	339.66	305.86	363.45	0.00	0.00	0.00
11,800.00	90.80	0.14	11,336.99	439.65	306.11	463.13	0.00	0.00	0.00
11,900.00	90.80	0.14	11,335.59	539.64	306.36	562.80	0.00	0.00	0.00
12,000.00	90.80	0.14	11,334.19	639.63	306.62	662.48	0.00	0.00	0.00
12,100.00	90.80	0.14	11,332.80	739.62	306.87	762.16	0.00	0.00	0.00
12,200.00	90.80	0.14	11,331.40	839.61	307.12	861.84	0.00	0.00	0.00
12,300.00	90.80	0.14	11,330.01	939.60	307.37	961.52	0.00	0.00	0.00
12,400.00	90.80	0.14	11,328.61	1,039.59	307.62	1,061.20	0.00	0.00	0.00
12,500.00	90.80	0.14	11,327.21	1,139.58	307.87	1,160.87	0.00	0.00	0.00
12,600.00	90.80	0.14	11,325.82	1,239.57	308.13	1,260.55	0.00	0.00	0.00
12,700.00	90.80	0.14	11,324.42	1,339.56	308.38	1,360.23	0.00	0.00	0.00
12,800.00	90.80	0.14	11,323.02	1,439.55	308.63	1,459.91	0.00	0.00	0.00
12,900.00	90.80	0.14	11,321.63	1,539.54	308.88	1,559.59	0.00	0.00	0.00
13,000.00	90.80	0.14	11,320.23	1,639.53	309.13	1,659.27	0.00	0.00	0.00
13,100.00	90.80	0.14	11,318.84	1,739.52	309.38	1,758.94	0.00	0.00	0.00
13,200.00	90.80	0.14	11,317.44	1,839.51	309.64	1,858.62	0.00	0.00	0.00
13,300.00	90.80	0.14	11,316.04	1,939.50	309.89	1,958.30	0.00	0.00	0.00
13,400.00	90.80	0.14	11,314.65	2,039.49	310.14	2,057.98	0.00	0.00	0.00
13,500.00	90.80	0.14	11,313.25	2,139.48	310.39	2,157.66	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Planned 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)
13,600.00	90.80	0.14	11,311.85	2,239.47	310.64	2,257.33	0.00	0.00	0.00
13,700.00	90.80	0.14	11,310.46	2,339.46	310.89	2,357.01	0.00	0.00	0.00
13,800.00	90.80	0.14	11,309.06	2,439.45	311.15	2,456.69	0.00	0.00	0.00
13,900.00	90.80	0.14	11,307.67	2,539.44	311.40	2,556.37	0.00	0.00	0.00
14,000.00	90.80	0.14	11,306.27	2,639.43	311.65	2,656.05	0.00	0.00	0.00
14,100.00	90.80	0.14	11,304.87	2,739.42	311.90	2,755.73	0.00	0.00	0.00
14,200.00	90.80	0.14	11,303.48	2,839.41	312.15	2,855.40	0.00	0.00	0.00
14,300.00	90.80	0.14	11,302.08	2,939.40	312.40	2,955.08	0.00	0.00	0.00
14,400.00	90.80	0.14	11,300.68	3,039.39	312.66	3,054.76	0.00	0.00	0.00
14,500.00	90.80	0.14	11,299.29	3,139.38	312.91	3,154.44	0.00	0.00	0.00
14,600.00	90.80	0.14	11,297.89	3,239.37	313.16	3,254.12	0.00	0.00	0.00
14,700.00	90.80	0.14	11,296.50	3,339.36	313.41	3,353.79	0.00	0.00	0.00
14,800.00	90.80	0.14	11,295.10	3,439.35	313.66	3,453.47	0.00	0.00	0.00
14,900.00	90.80	0.14	11,293.70	3,539.34	313.91	3,553.15	0.00	0.00	0.00
15,000.00	90.80	0.14	11,292.31	3,639.33	314.17	3,652.83	0.00	0.00	0.00
15,100.00	90.80	0.14	11,290.91	3,739.32	314.42	3,752.51	0.00	0.00	0.00
15,200.00	90.80	0.14	11,289.52	3,839.31	314.67	3,852.19	0.00	0.00	0.00
15,300.00	90.80	0.14	11,288.12	3,939.30	314.92	3,951.86	0.00	0.00	0.00
15,400.00	90.80	0.14	11,286.72	4,039.29	315.17	4,051.54	0.00	0.00	0.00
15,500.00	90.80	0.14	11,285.33	4,139.28	315.42	4,151.22	0.00	0.00	0.00
15,600.00	90.80	0.14	11,283.93	4,239.27	315.68	4,250.90	0.00	0.00	0.00
15,700.00	90.80	0.14	11,282.53	4,339.26	315.93	4,350.58	0.00	0.00	0.00
15,800.00	90.80	0.14	11,281.14	4,439.25	316.18	4,450.26	0.00	0.00	0.00
15,900.00	90.80	0.14	11,279.74	4,539.24	316.43	4,549.93	0.00	0.00	0.00
16,000.00	90.80	0.14	11,278.35	4,639.23	316.68	4,649.61	0.00	0.00	0.00
16,100.00	90.80	0.14	11,276.95	4,739.22	316.93	4,749.29	0.00	0.00	0.00
16,200.00	90.80	0.14	11,275.55	4,839.21	317.19	4,848.97	0.00	0.00	0.00
16,205.14	90.80	0.14	11,275.48	4,844.36	317.20	4,854.10	0.00	0.00	0.00
Begin 2.00°/100' Turn									
16,300.00	90.80	2.04	11,274.16	4,939.18	319.01	4,948.75	2.00	0.00	2.00
16,400.00	90.80	4.04	11,272.76	5,039.02	324.31	5,048.70	2.00	0.00	2.00
16,480.65	90.80	5.65	11,271.63	5,119.37	331.13	5,129.33	2.00	0.00	2.00
Hold 5.65° Azm									
16,500.00	90.80	5.65	11,271.37	5,138.63	333.04	5,148.68	0.00	0.00	0.00
16,600.00	90.80	5.65	11,269.97	5,238.13	342.89	5,248.66	0.00	0.00	0.00
16,700.00	90.80	5.65	11,268.58	5,337.64	352.74	5,348.63	0.00	0.00	0.00
16,800.00	90.80	5.65	11,267.18	5,437.14	362.59	5,448.61	0.00	0.00	0.00
16,900.00	90.80	5.65	11,265.79	5,536.64	372.45	5,548.58	0.00	0.00	0.00
17,000.00	90.80	5.65	11,264.40	5,636.15	382.30	5,648.56	0.00	0.00	0.00
17,100.00	90.80	5.65	11,263.00	5,735.65	392.15	5,748.54	0.00	0.00	0.00
17,200.00	90.80	5.65	11,261.61	5,835.16	402.00	5,848.51	0.00	0.00	0.00
17,300.00	90.80	5.65	11,260.21	5,934.66	411.86	5,948.49	0.00	0.00	0.00
17,400.00	90.80	5.65	11,258.82	6,034.16	421.71	6,048.46	0.00	0.00	0.00
17,500.00	90.80	5.65	11,257.43	6,133.67	431.56	6,148.44	0.00	0.00	0.00
17,600.00	90.80	5.65	11,256.03	6,233.17	441.41	6,248.41	0.00	0.00	0.00
17,700.00	90.80	5.65	11,254.64	6,332.67	451.27	6,348.39	0.00	0.00	0.00
17,800.00	90.80	5.65	11,253.25	6,432.18	461.12	6,448.36	0.00	0.00	0.00
17,900.00	90.80	5.65	11,251.85	6,531.68	470.97	6,548.34	0.00	0.00	0.00
18,000.00	90.80	5.65	11,250.46	6,631.19	480.82	6,648.32	0.00	0.00	0.00
18,100.00	90.80	5.65	11,249.06	6,730.69	490.68	6,748.29	0.00	0.00	0.00
18,200.00	90.80	5.65	11,247.67	6,830.19	500.53	6,848.27	0.00	0.00	0.00
18,300.00	90.80	5.65	11,246.28	6,929.70	510.38	6,948.24	0.00	0.00	0.00
18,400.00	90.80	5.65	11,244.88	7,029.20	520.23	7,048.22	0.00	0.00	0.00
18,500.00	90.80	5.65	11,243.49	7,128.70	530.09	7,148.19	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Planned 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)
18,600.00	90.80	5.65	11,242.10	7,228.21	539.94	7,248.17	0.00	0.00	0.00
18,700.00	90.80	5.65	11,240.70	7,327.71	549.79	7,348.14	0.00	0.00	0.00
18,800.00	90.80	5.65	11,239.31	7,427.21	559.64	7,448.12	0.00	0.00	0.00
18,900.00	90.80	5.65	11,237.91	7,526.72	569.50	7,548.10	0.00	0.00	0.00
19,000.00	90.80	5.65	11,236.52	7,626.22	579.35	7,648.07	0.00	0.00	0.00
19,100.00	90.80	5.65	11,235.13	7,725.73	589.20	7,748.05	0.00	0.00	0.00
19,200.00	90.80	5.65	11,233.73	7,825.23	599.05	7,848.02	0.00	0.00	0.00
19,300.00	90.80	5.65	11,232.34	7,924.73	608.91	7,948.00	0.00	0.00	0.00
19,400.00	90.80	5.65	11,230.95	8,024.24	618.76	8,047.97	0.00	0.00	0.00
19,500.00	90.80	5.65	11,229.55	8,123.74	628.61	8,147.95	0.00	0.00	0.00
19,600.00	90.80	5.65	11,228.16	8,223.24	638.46	8,247.92	0.00	0.00	0.00
19,700.00	90.80	5.65	11,226.76	8,322.75	648.32	8,347.90	0.00	0.00	0.00
19,800.00	90.80	5.65	11,225.37	8,422.25	658.17	8,447.88	0.00	0.00	0.00
19,900.00	90.80	5.65	11,223.98	8,521.76	668.02	8,547.85	0.00	0.00	0.00
20,000.00	90.80	5.65	11,222.58	8,621.26	677.87	8,647.83	0.00	0.00	0.00
20,100.00	90.80	5.65	11,221.19	8,720.76	687.73	8,747.80	0.00	0.00	0.00
20,200.00	90.80	5.65	11,219.79	8,820.27	697.58	8,847.78	0.00	0.00	0.00
20,300.00	90.80	5.65	11,218.40	8,919.77	707.43	8,947.75	0.00	0.00	0.00
20,400.00	90.80	5.65	11,217.01	9,019.27	717.28	9,047.73	0.00	0.00	0.00
20,500.00	90.80	5.65	11,215.61	9,118.78	727.14	9,147.71	0.00	0.00	0.00
20,600.00	90.80	5.65	11,214.22	9,218.28	736.99	9,247.68	0.00	0.00	0.00
20,700.00	90.80	5.65	11,212.83	9,317.79	746.84	9,347.66	0.00	0.00	0.00
20,800.00	90.80	5.65	11,211.43	9,417.29	756.69	9,447.63	0.00	0.00	0.00
20,900.00	90.80	5.65	11,210.04	9,516.79	766.55	9,547.61	0.00	0.00	0.00
21,000.00	90.80	5.65	11,208.64	9,616.30	776.40	9,647.58	0.00	0.00	0.00
21,100.00	90.80	5.65	11,207.25	9,715.80	786.25	9,747.56	0.00	0.00	0.00
21,200.00	90.80	5.65	11,205.86	9,815.30	796.10	9,847.53	0.00	0.00	0.00
21,300.00	90.80	5.65	11,204.46	9,914.81	805.96	9,947.51	0.00	0.00	0.00
21,400.00	90.80	5.65	11,203.07	10,014.31	815.81	10,047.49	0.00	0.00	0.00
21,500.00	90.80	5.65	11,201.68	10,113.81	825.66	10,147.46	0.00	0.00	0.00
21,548.98	90.80	5.65	11,200.99	10,162.55	830.49	10,196.43	0.00	0.00	0.00
TD at 21548.98									



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well Winnebago 30 State Com 602H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3481.20usft (TBD)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3481.20usft (TBD)
Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Design Targets

Target Name										
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting		Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
SHL - 602H - 300' FSI - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	11,748,771.03	2,130,759.75	32° 21' 22.475659 N 3° 24' 41.807676 W		
BHLv2 - 602H - 100' F - plan hits target center - Point	-0.80	1.86	11,200.99	10,162.55	830.49	11,758,943.52	2,131,439.25	32° 23' 3.033279 N 3° 24' 32.122667 W		
BHLv2 - Winnebago 3 - plan hits target center - Polygon	-0.80	0.00	11,200.99	10,162.55	830.49	11,758,943.52	2,131,439.25	32° 23' 3.033279 N 3° 24' 32.122667 W		
Point 1			11,345.68	-10,362.88	-525.98	11,748,576.28	2,131,067.14			
Point 2			11,338.92	-9,878.70	-524.77	11,749,060.32	2,131,061.17			
Point 3			11,275.25	-5,318.72	-513.29	11,753,618.95	2,131,004.99			
Point 4			11,271.41	-5,043.67	-499.36	11,753,894.12	2,131,014.84			
Point 5			11,200.99	0.00	0.00	11,758,943.52	2,131,439.25			
Point 6			11,200.99	0.00	0.00	11,758,943.52	2,131,439.25			
Point 7			11,271.41	-5,043.67	-499.36	11,753,894.12	2,131,014.84			
Point 8			11,275.25	-5,318.72	-513.29	11,753,618.95	2,131,004.99			
Point 9			11,338.92	-9,878.70	-524.77	11,749,060.32	2,131,061.17			
Point 10			11,345.68	-10,362.88	-525.98	11,748,576.28	2,131,067.14			
IP - Winnebago 30 St - plan misses target center by 3.26usft at 16341.71usft MD (11273.57 TVD, 4980.84 N, 320.80 E) - Point	0.00	0.00	11,273.54	4,981.02	317.54	11,753,755.59	2,131,003.31	32° 22' 11.762533 N 3° 24' 38.105230 W		
FTP - Winnebago 30 - plan misses target center by 202.67usft at 11273.93usft MD (11206.66 TVD, -52.00 N, 304.87 E) - Point	0.00	0.00	11,345.84	-199.32	304.50	11,748,576.28	2,131,067.14	32° 21' 20.503436 N 3° 24' 38.257911 W		
FTP - 602H - 100' FSI - plan misses target center by 202.67usft at 11273.93usft MD (11206.66 TVD, -52.00 N, 304.87 E) - Point	0.00	0.00	11,345.84	-199.32	304.50	11,748,576.28	2,131,067.14	32° 21' 20.503436 N 3° 24' 38.257911 W		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,841.20	1,841.20	Rustler		-0.800	1.86
2,138.23	2,138.21	Salado		-0.800	1.86
3,270.35	3,261.17	BX VLM (Fletcher Anhydrite)		-0.800	1.86
4,257.19	4,233.40	Base of Last Salt		-0.800	1.86
4,348.14	4,323.49	Yates		-0.800	1.86
4,833.46	4,806.80	Capitan		-0.800	1.86
5,960.59	5,933.84	Cherry Canyon		-0.800	1.86
6,330.59	6,303.84	Manzanita Lime		-0.800	1.86
7,421.59	7,394.84	Brushy Canyon		-0.800	1.86
8,695.59	8,668.84	Bone Spring Lime		-0.800	1.86
8,855.59	8,828.84	Avalon Shale		-0.800	1.86
9,790.59	9,763.84	First Bone Spring Sand		-0.800	1.86
9,949.59	9,922.84	Second Bone Spring Shale		-0.800	1.86
10,329.59	10,302.84	Second Bone Spring Sand		-0.800	1.86
10,627.59	10,600.84	Third Bone Spring Carbonate		-0.800	1.86
11,147.10	11,107.89	Third Bone Spring Sand		-0.800	1.86



Planning Report



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Site:	Winnebago 30 State Com	North Reference:	True
Well:	Winnebago 30 State Com 602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2 07-06-22		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,000.00	2,000.00	0.00	0.00	KOP, Begin 1.00°/100' Build
3,000.00	2,994.93	-47.67	72.83	Hold 10.00° Inc at 123.21° Azm
4,093.28	4,071.60	-151.64	231.67	Begin 1.00°/100' Drop
5,093.28	5,066.53	-199.32	304.50	Begin Vertical Hold
10,888.48	10,861.73	-199.32	304.50	KOP2, Begin 12.00°/100' Build
11,645.14	11,339.15	284.81	305.72	LP, Hold 90.80° Inc at 0.14° Azm
16,205.14	11,275.48	4,844.36	317.20	Begin 2.00°/100' Turn
16,480.65	11,271.63	5,119.37	331.13	Hold 5.65° Azm
21,548.98	11,200.99	10,162.55	830.49	TD at 21548.98

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 127749

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 127749
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	PREVIOUS COA'S APPLY	8/3/2022