

Well Name: WOODY 22 FED COM	Well Location: T20S / R35E / SEC 22 / NESW /	County or Parish/State:
Well Number: 501H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM141011	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551394	Well Status: Approved Application for Permit to Drill	Permian Resources Operating, LLC Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Sundry ID: 2721987

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 03/28/2023	Time Sundry Submitted: 11:06
Date proposed operation will begin: 06/01/2023	

Procedure Description: Centennial Resource Production, LLC request to move the SHL from 2144' FSL & 1520' FWL to 2124' FSL & 1540' FWL. Please see attached updated plats and directional survey to reflect this change.

NOI Attachments

Procedure Description

WOODY_22_FED_COM_501H_SUNDRY_ATTACHMENTS_20230328101443.pdf

Well Name: WOODY 22 FED COM	Well Location: T20S / R35E / SEC 22 / NESW /	County or Parish/State:
Well Number: 501H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM141011	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551394	Well Status: Approved Application for Permit to Drill	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MEGHAN TWELE

Signed on: MAR 28, 2023 11:06 AM

Name: CENTENNIAL RESOURCE PRODUCTION LLC

Title: Sr Regulatory Analyst

Street Address: 1001 17TH STREET SUITE 1800

City: DENVERState: CO

Phone: (720) 499-1531

Email address: MEGHAN.TWELE@CDEVINC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 05/30/2023

Signature: Chris Walls

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

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 24250		³ Pool Name Featherstone; Bone Spring	
⁴ Property Code		⁵ Property Name WOODY 22 FED COM			⁶ Well Number 501H
⁷ OGRID No. 372165		⁸ Operator Name PERMIAN RESOURCES OPERATING, LLC			⁹ Elevation 3695.2'

¹⁰Surface Location

UL or lot no. K	Section 22	Township 20S	Range 35E	Lot Idn	Feet from the 2124	North/South line SOUTH	Feet from the 1540	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

"Bottom Hole Location If Different From Surface

UL or lot no. C	Section 15	Township 20S	Range 35E	Lot Idn	Feet from the 100	North/South line NORTH	Feet from the 1370	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹² Dedicated Acres 480	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.

16

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°33'26.09" (32.557247°)
LONGITUDE = 103°26'55.42" (103.448729°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°33'25.64" (32.557123°)
LONGITUDE = 103°26'53.68" (103.448243°)
STATE PLANE NAD 83 (N.M. EAST)
N: 567589.29' E: 813887.55'
STATE PLANE NAD 27 (N.M. EAST)
N: 567526.90' E: 772705.84'

NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°33'32.26" (32.558962°)
LONGITUDE = 103°26'57.41" (103.449280°)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°33'31.82" (32.558838°)
LONGITUDE = 103°26'55.66" (103.448795°)
STATE PLANE NAD 83 (N.M. EAST)
N: 568211.84' E: 813712.52'
STATE PLANE NAD 27 (N.M. EAST)
N: 568149.43' E: 772530.84'

NAD 83 (LPP #1)
LATITUDE = 32°33'57.39" (32.565942°)
LONGITUDE = 103°26'57.42" (103.449282°)
NAD 27 (LPP #1)
LATITUDE = 32°33'56.95" (32.565818°)
LONGITUDE = 103°26'55.67" (103.448796°)
STATE PLANE NAD 83 (N.M. EAST)
N: 570751.35' E: 813690.78'
STATE PLANE NAD 27 (N.M. EAST)
N: 570688.87' E: 772509.19'

NAD 83 (LPP #2)
LATITUDE = 32°34'23.56" (32.573210°)
LONGITUDE = 103°26'57.42" (103.449284°)
NAD 27 (LPP #2)
LATITUDE = 32°34'23.11" (32.573086°)
LONGITUDE = 103°26'55.67" (103.448798°)
STATE PLANE NAD 83 (N.M. EAST)
N: 573395.68' E: 813668.15'
STATE PLANE NAD 27 (N.M. EAST)
N: 573333.13' E: 772486.64'

NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'48.72" (32.580199°)
LONGITUDE = 103°26'57.43" (103.449286°)
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'48.27" (32.580075°)
LONGITUDE = 103°26'55.68" (103.448800°)
STATE PLANE NAD 83 (N.M. EAST)
N: 575938.37' E: 813646.39'
STATE PLANE NAD 27 (N.M. EAST)
N: 575875.76' E: 772464.96'

WELL BORE LINE TABLE		
LINE	DIRECTION	LENGTH
L1	AZ = 344.54°	646.79'
L2	AZ = 359.75°	2540.00'
L3	AZ = 359.75°	2644.85'

SECTION LINE TABLE		
LINE	DIRECTION	LENGTH
L4	S89°45'32"W	2653.44'

LEGEND:

- = PROPOSED WELLHEAD.
- ◆ = TAKE POINT.
- ☆ = LEASE PENETRATION POINT.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.
- = LEASE LINE.

The survey plat shows a well location within a grid of sections. Section 15 is the primary focus, with a proposed wellhead (red dot) and target bottom hole (red circle). Section 22 is adjacent to the south. The plat includes bearings and distances for section lines (L1, L2, L3, L4) and well bore lines. Key points include LTP/BHL, LPP #2, LPP #1, FTP, and SHL. Distances and bearings are provided for various lines and sections.

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" (NAD 83)

Scale bar showing distances in feet: 2000', 1000', 0', 1000', 2000'.

SCALE
DRAWN BY: E.C. 12-07-20
REV: 4 03-14-23 E.C.
(SHL & PP/FTP 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: *[Signature]* Date: 3/28/23

Meghan Twele

Printed Name

meghan.twele@permanres.com

E-mail Address

18 SURVEYOR CERTIFICATION

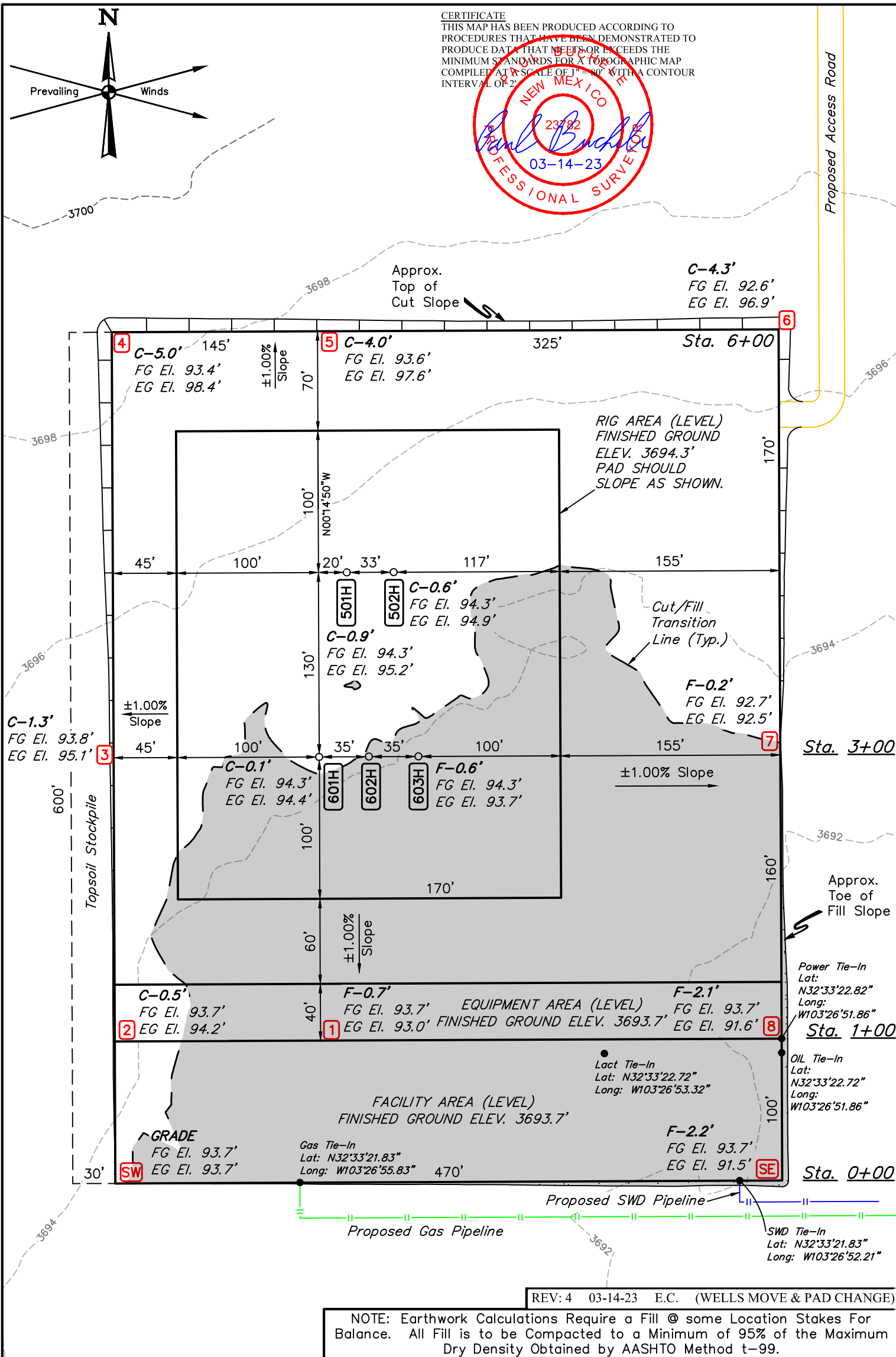
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

April 28, 2022

Date of Survey
Signature and Seal of Professional Surveyor:

Professional Surveyor Seal for Paul Buchele, New Mexico, No. 23782, Commission Expires 03-14-23.

Certificate Number:



PERMIAN

R E S O U R C E S

NEW MEXICO

(SP) LEA

WOODY

WOODY 22 FED COM 501H

OWB

Plan: PWP0

Standard Planning Report - Geographic

27 March, 2023

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 501H
Company:	NEW MEXICO	TVD Reference:	GL @ 3695.2usft
Project:	(SP) LEA	MD Reference:	GL @ 3695.2usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Project	(SP) LEA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	WOODY					
Site Position:		Northing:	567,589.29 usft	Latitude:	32° 33' 26.088 N	
From:	Map	Easting:	813,887.55 usft	Longitude:	103° 26' 55.423 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.48 °

Well	WOODY 22 FED COM 501H					
Well Position	+N/-S	0.0 usft	Northing:	567,589.29 usft	Latitude:	32° 33' 26.088 N
	+E/-W	0.0 usft	Easting:	813,887.55 usft	Longitude:	103° 26' 55.423 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,695.2 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.72	60.57	49,005.75045098

Design	PWP0			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	358.35

Plan Survey Tool Program			Date	3/27/2023	
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	18,482.4 PWP0 (OWB)	MWD+IFR1+MS		
			OWSG_Rev2_ MWD + IFR1 +		

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
9,843.0	0.00	0.00	9,843.0	0.0	0.0	0.00	0.00	0.00	0.00	
10,592.3	90.00	347.00	10,320.0	464.8	-107.3	12.01	12.01	0.00	347.00	
11,218.4	90.00	359.52	10,320.0	1,085.3	-180.6	2.00	0.00	2.00	90.00	
18,482.4	90.00	359.52	10,320.0	8,349.1	-241.2	0.00	0.00	0.00	0.00	WOODY 22 FED COI

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 501H
Company:	NEW MEXICO	TVD Reference:	GL @ 3695.2usft
Project:	(SP) LEA	MD Reference:	GL @ 3695.2usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
100.0	0.00	0.00	100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
200.0	0.00	0.00	200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
300.0	0.00	0.00	300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
400.0	0.00	0.00	400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
500.0	0.00	0.00	500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
600.0	0.00	0.00	600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
700.0	0.00	0.00	700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
800.0	0.00	0.00	800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
900.0	0.00	0.00	900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,000.0	0.00	0.00	2,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,100.0	0.00	0.00	2,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,200.0	0.00	0.00	2,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,300.0	0.00	0.00	2,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,400.0	0.00	0.00	2,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,500.0	0.00	0.00	2,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,600.0	0.00	0.00	2,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,700.0	0.00	0.00	2,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,800.0	0.00	0.00	2,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
2,900.0	0.00	0.00	2,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,000.0	0.00	0.00	3,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,100.0	0.00	0.00	3,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,200.0	0.00	0.00	3,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,300.0	0.00	0.00	3,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,400.0	0.00	0.00	3,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,500.0	0.00	0.00	3,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,600.0	0.00	0.00	3,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,700.0	0.00	0.00	3,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,800.0	0.00	0.00	3,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
3,900.0	0.00	0.00	3,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,000.0	0.00	0.00	4,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,100.0	0.00	0.00	4,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,200.0	0.00	0.00	4,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,300.0	0.00	0.00	4,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,400.0	0.00	0.00	4,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,500.0	0.00	0.00	4,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,600.0	0.00	0.00	4,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,700.0	0.00	0.00	4,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,800.0	0.00	0.00	4,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
4,900.0	0.00	0.00	4,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
5,000.0	0.00	0.00	5,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
5,100.0	0.00	0.00	5,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
5,200.0	0.00	0.00	5,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
5,300.0	0.00	0.00	5,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W
5,400.0	0.00	0.00	5,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 501H
Company:	NEW MEXICO	TVD Reference:	GL @ 3695.2usft
Project:	(SP) LEA	MD Reference:	GL @ 3695.2usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
5,500.0	0.00	0.00	5,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,500.0	0.00	0.00	7,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,600.0	0.00	0.00	7,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,700.0	0.00	0.00	7,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,800.0	0.00	0.00	7,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
7,900.0	0.00	0.00	7,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,000.0	0.00	0.00	8,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,100.0	0.00	0.00	8,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,200.0	0.00	0.00	8,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,300.0	0.00	0.00	8,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,400.0	0.00	0.00	8,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,500.0	0.00	0.00	8,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,600.0	0.00	0.00	8,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,700.0	0.00	0.00	8,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,800.0	0.00	0.00	8,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
8,900.0	0.00	0.00	8,900.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,000.0	0.00	0.00	9,000.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,100.0	0.00	0.00	9,100.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,200.0	0.00	0.00	9,200.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,300.0	0.00	0.00	9,300.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,400.0	0.00	0.00	9,400.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,500.0	0.00	0.00	9,500.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,600.0	0.00	0.00	9,600.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,700.0	0.00	0.00	9,700.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,800.0	0.00	0.00	9,800.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
9,843.0	0.00	0.00	9,843.0	0.0	0.0	567,589.29	813,887.55	32° 33' 26.088 N	103° 26' 55.423 W	
KOP										
9,900.0	6.85	347.00	9,899.9	3.3	-0.8	567,592.61	813,886.78	32° 33' 26.121 N	103° 26' 55.432 W	
10,000.0	18.86	347.00	9,997.2	24.9	-5.8	567,614.24	813,881.79	32° 33' 26.335 N	103° 26' 55.488 W	
10,100.0	30.87	347.00	10,087.7	65.8	-15.2	567,655.14	813,872.35	32° 33' 26.740 N	103° 26' 55.594 W	
10,200.0	42.88	347.00	10,167.6	124.2	-28.7	567,713.50	813,858.87	32° 33' 27.319 N	103° 26' 55.746 W	
10,300.0	54.89	347.00	10,233.2	197.5	-45.6	567,786.78	813,841.96	32° 33' 28.045 N	103° 26' 55.937 W	
10,400.0	66.91	347.00	10,281.8	282.5	-65.2	567,871.76	813,822.34	32° 33' 28.888 N	103° 26' 56.158 W	
10,500.0	78.92	347.00	10,311.1	375.4	-86.7	567,964.72	813,800.87	32° 33' 29.810 N	103° 26' 56.399 W	

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 501H
Company:	NEW MEXICO	TVD Reference:	GL @ 3695.2usft
Project:	(SP) LEA	MD Reference:	GL @ 3695.2usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
10,592.0	89.97	347.00	10,320.0	464.5	-107.2	568,053.80	813,780.31	32° 33' 30.693 N	103° 26' 56.631 W	
EOC										
10,592.3	90.00	347.00	10,320.0	464.8	-107.3	568,054.07	813,780.25	32° 33' 30.695 N	103° 26' 56.632 W	
10,600.0	90.00	347.15	10,320.0	472.3	-109.0	568,061.60	813,778.52	32° 33' 30.770 N	103° 26' 56.651 W	
10,700.0	90.00	349.15	10,320.0	570.2	-129.6	568,159.47	813,757.99	32° 33' 31.740 N	103° 26' 56.882 W	
FTP										
10,800.0	90.00	351.15	10,320.0	668.7	-146.7	568,257.99	813,740.89	32° 33' 32.716 N	103° 26' 57.072 W	
10,900.0	90.00	353.15	10,320.0	767.8	-160.3	568,357.05	813,727.24	32° 33' 33.697 N	103° 26' 57.222 W	
11,000.0	90.00	355.15	10,320.0	867.2	-170.5	568,456.52	813,717.06	32° 33' 34.682 N	103° 26' 57.331 W	
11,100.0	90.00	357.15	10,320.0	967.0	-177.2	568,556.29	813,710.35	32° 33' 35.670 N	103° 26' 57.400 W	
11,200.0	90.00	359.15	10,320.0	1,066.9	-180.4	568,656.24	813,707.13	32° 33' 36.659 N	103° 26' 57.428 W	
11,218.4	90.00	359.52	10,320.0	1,085.3	-180.6	568,674.63	813,706.92	32° 33' 36.841 N	103° 26' 57.428 W	
11,300.0	90.00	359.52	10,320.0	1,166.9	-181.3	568,756.23	813,706.24	32° 33' 37.649 N	103° 26' 57.428 W	
11,400.0	90.00	359.52	10,320.0	1,266.9	-182.1	568,856.23	813,705.41	32° 33' 38.638 N	103° 26' 57.428 W	
11,500.0	90.00	359.52	10,320.0	1,366.9	-183.0	568,956.23	813,704.57	32° 33' 39.628 N	103° 26' 57.428 W	
11,600.0	90.00	359.52	10,320.0	1,466.9	-183.8	569,056.22	813,703.74	32° 33' 40.617 N	103° 26' 57.428 W	
11,700.0	90.00	359.52	10,320.0	1,566.9	-184.6	569,156.22	813,702.91	32° 33' 41.607 N	103° 26' 57.428 W	
11,800.0	90.00	359.52	10,320.0	1,666.9	-185.5	569,256.21	813,702.07	32° 33' 42.596 N	103° 26' 57.428 W	
11,900.0	90.00	359.52	10,320.0	1,766.9	-186.3	569,356.21	813,701.24	32° 33' 43.586 N	103° 26' 57.428 W	
12,000.0	90.00	359.52	10,320.0	1,866.9	-187.1	569,456.21	813,700.41	32° 33' 44.575 N	103° 26' 57.429 W	
12,100.0	90.00	359.52	10,320.0	1,966.9	-188.0	569,556.20	813,699.57	32° 33' 45.565 N	103° 26' 57.429 W	
12,200.0	90.00	359.52	10,320.0	2,066.9	-188.8	569,656.20	813,698.74	32° 33' 46.554 N	103° 26' 57.429 W	
12,300.0	90.00	359.52	10,320.0	2,166.9	-189.6	569,756.20	813,697.91	32° 33' 47.543 N	103° 26' 57.429 W	
12,400.0	90.00	359.52	10,320.0	2,266.9	-190.5	569,856.19	813,697.07	32° 33' 48.533 N	103° 26' 57.429 W	
12,500.0	90.00	359.52	10,320.0	2,366.9	-191.3	569,956.19	813,696.24	32° 33' 49.522 N	103° 26' 57.429 W	
12,600.0	90.00	359.52	10,320.0	2,466.9	-192.1	570,056.19	813,695.41	32° 33' 50.512 N	103° 26' 57.429 W	
12,700.0	90.00	359.52	10,320.0	2,566.9	-193.0	570,156.18	813,694.57	32° 33' 51.501 N	103° 26' 57.429 W	
12,800.0	90.00	359.52	10,320.0	2,666.9	-193.8	570,256.18	813,693.74	32° 33' 52.491 N	103° 26' 57.429 W	
12,900.0	90.00	359.52	10,320.0	2,766.9	-194.6	570,356.18	813,692.91	32° 33' 53.480 N	103° 26' 57.429 W	
13,000.0	90.00	359.52	10,320.0	2,866.9	-195.5	570,456.17	813,692.07	32° 33' 54.470 N	103° 26' 57.429 W	
13,100.0	90.00	359.52	10,320.0	2,966.9	-196.3	570,556.17	813,691.24	32° 33' 55.459 N	103° 26' 57.429 W	
13,200.0	90.00	359.52	10,320.0	3,066.9	-197.1	570,656.17	813,690.41	32° 33' 56.449 N	103° 26' 57.429 W	
13,300.0	90.00	359.52	10,320.0	3,166.9	-198.0	570,756.16	813,689.57	32° 33' 57.438 N	103° 26' 57.429 W	
13,400.0	90.00	359.52	10,320.0	3,266.9	-198.8	570,856.16	813,688.74	32° 33' 58.428 N	103° 26' 57.429 W	
13,500.0	90.00	359.52	10,320.0	3,366.9	-199.6	570,956.16	813,687.91	32° 33' 59.417 N	103° 26' 57.429 W	
13,600.0	90.00	359.52	10,320.0	3,466.9	-200.5	571,056.15	813,687.07	32° 34' 0.407 N	103° 26' 57.429 W	
13,700.0	90.00	359.52	10,320.0	3,566.9	-201.3	571,156.15	813,686.24	32° 34' 1.396 N	103° 26' 57.429 W	
13,800.0	90.00	359.52	10,320.0	3,666.9	-202.1	571,256.15	813,685.41	32° 34' 2.385 N	103° 26' 57.429 W	
13,900.0	90.00	359.52	10,320.0	3,766.8	-203.0	571,356.14	813,684.57	32° 34' 3.375 N	103° 26' 57.429 W	
14,000.0	90.00	359.52	10,320.0	3,866.8	-203.8	571,456.14	813,683.74	32° 34' 4.364 N	103° 26' 57.429 W	
14,100.0	90.00	359.52	10,320.0	3,966.8	-204.6	571,556.13	813,682.91	32° 34' 5.354 N	103° 26' 57.429 W	
14,200.0	90.00	359.52	10,320.0	4,066.8	-205.5	571,656.13	813,682.07	32° 34' 6.343 N	103° 26' 57.429 W	
14,300.0	90.00	359.52	10,320.0	4,166.8	-206.3	571,756.13	813,681.24	32° 34' 7.333 N	103° 26' 57.429 W	
14,400.0	90.00	359.52	10,320.0	4,266.8	-207.1	571,856.12	813,680.41	32° 34' 8.322 N	103° 26' 57.429 W	
14,500.0	90.00	359.52	10,320.0	4,366.8	-208.0	571,956.12	813,679.57	32° 34' 9.312 N	103° 26' 57.429 W	
14,600.0	90.00	359.52	10,320.0	4,466.8	-208.8	572,056.12	813,678.74	32° 34' 10.301 N	103° 26' 57.429 W	
14,700.0	90.00	359.52	10,320.0	4,566.8	-209.6	572,156.11	813,677.91	32° 34' 11.291 N	103° 26' 57.429 W	
14,800.0	90.00	359.52	10,320.0	4,666.8	-210.5	572,256.11	813,677.07	32° 34' 12.280 N	103° 26' 57.429 W	
14,900.0	90.00	359.52	10,320.0	4,766.8	-211.3	572,356.11	813,676.24	32° 34' 13.270 N	103° 26' 57.429 W	
15,000.0	90.00	359.52	10,320.0	4,866.8	-212.1	572,456.10	813,675.41	32° 34' 14.259 N	103° 26' 57.429 W	
15,100.0	90.00	359.52	10,320.0	4,966.8	-213.0	572,556.10	813,674.57	32° 34' 15.249 N	103° 26' 57.430 W	
15,200.0	90.00	359.52	10,320.0	5,066.8	-213.8	572,656.10	813,673.74	32° 34' 16.238 N	103° 26' 57.430 W	
15,300.0	90.00	359.52	10,320.0	5,166.8	-214.6	572,756.09	813,672.91	32° 34' 17.228 N	103° 26' 57.430 W	
15,400.0	90.00	359.52	10,320.0	5,266.8	-215.5	572,856.09	813,672.07	32° 34' 18.217 N	103° 26' 57.430 W	

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 501H
Company:	NEW MEXICO	TVD Reference:	GL @ 3695.2usft
Project:	(SP) LEA	MD Reference:	GL @ 3695.2usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
15,500.0	90.00	359.52	10,320.0	5,366.8	-216.3	572,956.09	813,671.24	32° 34' 19.206 N	103° 26' 57.430 W	
15,600.0	90.00	359.52	10,320.0	5,466.8	-217.1	573,056.08	813,670.41	32° 34' 20.196 N	103° 26' 57.430 W	
15,700.0	90.00	359.52	10,320.0	5,566.8	-218.0	573,156.08	813,669.57	32° 34' 21.185 N	103° 26' 57.430 W	
15,800.0	90.00	359.52	10,320.0	5,666.8	-218.8	573,256.08	813,668.74	32° 34' 22.175 N	103° 26' 57.430 W	
15,900.0	90.00	359.52	10,320.0	5,766.8	-219.6	573,356.07	813,667.91	32° 34' 23.164 N	103° 26' 57.430 W	
16,000.0	90.00	359.52	10,320.0	5,866.8	-220.5	573,456.07	813,667.07	32° 34' 24.154 N	103° 26' 57.430 W	
16,100.0	90.00	359.52	10,320.0	5,966.8	-221.3	573,556.07	813,666.24	32° 34' 25.143 N	103° 26' 57.430 W	
16,200.0	90.00	359.52	10,320.0	6,066.8	-222.1	573,656.06	813,665.41	32° 34' 26.133 N	103° 26' 57.430 W	
16,300.0	90.00	359.52	10,320.0	6,166.8	-223.0	573,756.06	813,664.57	32° 34' 27.122 N	103° 26' 57.430 W	
16,400.0	90.00	359.52	10,320.0	6,266.8	-223.8	573,856.06	813,663.74	32° 34' 28.112 N	103° 26' 57.430 W	
16,500.0	90.00	359.52	10,320.0	6,366.8	-224.6	573,956.05	813,662.91	32° 34' 29.101 N	103° 26' 57.430 W	
16,600.0	90.00	359.52	10,320.0	6,466.8	-225.5	574,056.05	813,662.07	32° 34' 30.091 N	103° 26' 57.430 W	
16,700.0	90.00	359.52	10,320.0	6,566.8	-226.3	574,156.04	813,661.24	32° 34' 31.080 N	103° 26' 57.430 W	
16,800.0	90.00	359.52	10,320.0	6,666.7	-227.1	574,256.04	813,660.41	32° 34' 32.070 N	103° 26' 57.430 W	
16,900.0	90.00	359.52	10,320.0	6,766.7	-228.0	574,356.04	813,659.57	32° 34' 33.059 N	103° 26' 57.430 W	
17,000.0	90.00	359.52	10,320.0	6,866.7	-228.8	574,456.03	813,658.74	32° 34' 34.048 N	103° 26' 57.430 W	
17,100.0	90.00	359.52	10,320.0	6,966.7	-229.6	574,556.03	813,657.91	32° 34' 35.038 N	103° 26' 57.430 W	
17,200.0	90.00	359.52	10,320.0	7,066.7	-230.5	574,656.03	813,657.07	32° 34' 36.027 N	103° 26' 57.430 W	
17,300.0	90.00	359.52	10,320.0	7,166.7	-231.3	574,756.02	813,656.24	32° 34' 37.017 N	103° 26' 57.430 W	
17,400.0	90.00	359.52	10,320.0	7,266.7	-232.1	574,856.02	813,655.41	32° 34' 38.006 N	103° 26' 57.430 W	
17,500.0	90.00	359.52	10,320.0	7,366.7	-233.0	574,956.02	813,654.57	32° 34' 38.996 N	103° 26' 57.430 W	
17,600.0	90.00	359.52	10,320.0	7,466.7	-233.8	575,056.01	813,653.74	32° 34' 39.985 N	103° 26' 57.430 W	
17,700.0	90.00	359.52	10,320.0	7,566.7	-234.6	575,156.01	813,652.91	32° 34' 40.975 N	103° 26' 57.430 W	
17,800.0	90.00	359.52	10,320.0	7,666.7	-235.5	575,256.01	813,652.07	32° 34' 41.964 N	103° 26' 57.430 W	
17,900.0	90.00	359.52	10,320.0	7,766.7	-236.3	575,356.00	813,651.24	32° 34' 42.954 N	103° 26' 57.430 W	
18,000.0	90.00	359.52	10,320.0	7,866.7	-237.1	575,456.00	813,650.41	32° 34' 43.943 N	103° 26' 57.430 W	
18,100.0	90.00	359.52	10,320.0	7,966.7	-238.0	575,556.00	813,649.57	32° 34' 44.933 N	103° 26' 57.430 W	
18,200.0	90.00	359.52	10,320.0	8,066.7	-238.8	575,655.99	813,648.74	32° 34' 45.922 N	103° 26' 57.430 W	
18,300.0	90.00	359.52	10,320.0	8,166.7	-239.6	575,755.99	813,647.91	32° 34' 46.912 N	103° 26' 57.430 W	
18,400.0	90.00	359.52	10,320.0	8,266.7	-240.5	575,855.99	813,647.07	32° 34' 47.901 N	103° 26' 57.431 W	
18,482.4	90.00	359.52	10,320.0	8,349.1	-241.2	575,938.37	813,646.39	32° 34' 48.716 N	103° 26' 57.431 W	
LTP/BHL										

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting		
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	Latitude	Longitude
WOODY 22 FED COM 501H - plan misses target center by 35.4usft at 10759.4usft MD (10320.0 TVD, 628.6 N, -140.1 E) - Point	0.00	0.00	10,320.0	622.5	-175.0	568,211.84	813,712.52	32° 33' 32.262 N	103° 26' 57.408 W
WOODY 22 FED COM 501H - plan hits target center - Point	0.00	0.00	10,320.0	8,349.1	-241.2	575,938.37	813,646.39	32° 34' 48.716 N	103° 26' 57.431 W

PERMIAN
RESOURCES

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 501H
Company:	NEW MEXICO	TVD Reference:	GL @ 3695.2usft
Project:	(SP) LEA	MD Reference:	GL @ 3695.2usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,843.0	9,843.0	0.0	0.0	KOP
10,592.0	10,320.0	464.5	-107.2	EOC
10,700.0	10,320.0	570.2	-129.6	FTP
18,482.4	10,320.0	8,349.1	-241.2	LTP/BHL

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 225084

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 225084
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	6/14/2023