

Well Name: WOODY 22 FED COM	Well Location: T20S / R35E / SEC 22 / NESE /	County or Parish/State:
Well Number: 504H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM132075	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551397	Well Status: Approved Application for Permit to Drill	PERMIAN RESOURCES OPERATING, LLC Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Sundry ID: 2722839

Type of Submission: Notice of Intent Type of Action: APD Change

Date Sundry Submitted: 03/28/2023 Time Sundry Submitted: 11:05

Date proposed operation will begin: 06/07/2023

Procedure Description: Centennial Resource Production, LLC request to move the BHL from 100' FNL & 1320' FEL to 100' FNL & 1228' FEL . Please see attached updated plats and directional survey to reflect this change.

NOI Attachments

Procedure Description

WOODY_22_FED_COM_504H_SUNDRY_ATTACHMENTS_20230328110452.pdf

Well Name: WOODY 22 FED COM	Well Location: T20S / R35E / SEC 22 / NESE /	County or Parish/State:
Well Number: 504H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM132075	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551397	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 11:04 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

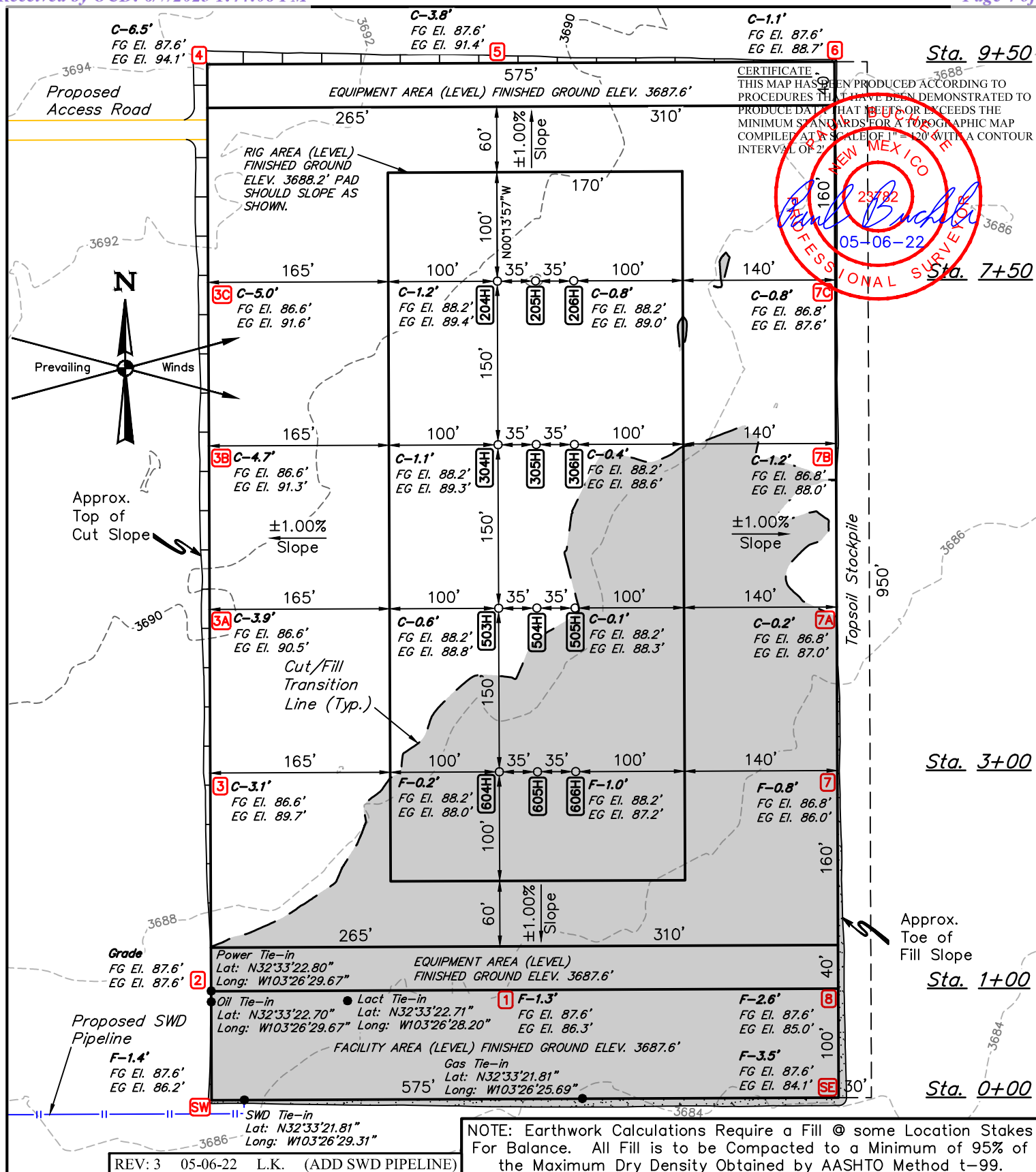
BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 05/30/2023

Signature: Chris Walls



- NOTES:**
- Contours shown at 2' intervals.
 - Cut/Fill slopes 2:1 (Typ.)
 - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
 - Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

PERMIAN RESOURCES OPERATING, LLC

WOODY 22 FED COM NESE PAD 1
NE 1/4 SE 1/4, SECTION 22, T20S, R35E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.B., M.D.	11-20-20	SCALE
DRAWN BY	D.J.S.	12-14-20	1" = 120'
LOCATION LAYOUT		FIGURE #1	



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

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R E S O U R C E S

NEW MEXICO

(SP) LEA

WOODY

WOODY 22 FED COM 504H

OWB

Plan: PWP0

Standard Planning Report - Geographic

27 March, 2023

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Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 504H
Company:	NEW MEXICO	TVD Reference:	GL @ 3688.7usft
Project:	(SP) LEA	MD Reference:	GL @ 3688.7usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 504H	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 504H					
Well Position	+N/-S	0.0 usft	Northing:	567,628.05 usft	Latitude:	32° 33' 26.264 N
	+E/-W	0.0 usft	Easting:	816,391.94 usft	Longitude:	103° 26' 26.160 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,688.7 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.71	60.57	49,006.72455298

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	359.74

Plan Survey Tool Program	Date	3/27/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	18,665.8 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	
10,063.0	0.00	0.00	10,063.0	0.0	0.0	0.00	0.00	0.00	0.00	
10,812.3	90.00	2.50	10,540.0	476.5	20.8	12.01	12.01	0.00	2.50	
10,959.9	90.00	359.55	10,540.0	624.1	23.4	2.00	0.00	-2.00	-90.00	
18,665.8	90.00	359.55	10,540.0	8,329.8	-37.4	0.00	0.00	0.00	0.00	WOODY 22 FED COI

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Planning Report - Geographic

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Company:	NEW MEXICO	TVD Reference:	GL @ 3688.7usft
Project:	(SP) LEA	MD Reference:	GL @ 3688.7usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 504H	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	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
100.0	0.00	0.00	100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
200.0	0.00	0.00	200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
300.0	0.00	0.00	300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
400.0	0.00	0.00	400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
500.0	0.00	0.00	500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
600.0	0.00	0.00	600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
700.0	0.00	0.00	700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
800.0	0.00	0.00	800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
900.0	0.00	0.00	900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,000.0	0.00	0.00	2,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,100.0	0.00	0.00	2,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,200.0	0.00	0.00	2,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,300.0	0.00	0.00	2,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,400.0	0.00	0.00	2,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,500.0	0.00	0.00	2,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,600.0	0.00	0.00	2,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,700.0	0.00	0.00	2,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,800.0	0.00	0.00	2,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
2,900.0	0.00	0.00	2,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,000.0	0.00	0.00	3,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,100.0	0.00	0.00	3,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,200.0	0.00	0.00	3,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,300.0	0.00	0.00	3,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,400.0	0.00	0.00	3,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,500.0	0.00	0.00	3,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,600.0	0.00	0.00	3,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,700.0	0.00	0.00	3,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,800.0	0.00	0.00	3,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
3,900.0	0.00	0.00	3,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,000.0	0.00	0.00	4,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,100.0	0.00	0.00	4,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,200.0	0.00	0.00	4,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,300.0	0.00	0.00	4,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,400.0	0.00	0.00	4,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,500.0	0.00	0.00	4,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,600.0	0.00	0.00	4,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,700.0	0.00	0.00	4,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,800.0	0.00	0.00	4,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
4,900.0	0.00	0.00	4,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
5,000.0	0.00	0.00	5,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
5,100.0	0.00	0.00	5,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
5,200.0	0.00	0.00	5,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
5,300.0	0.00	0.00	5,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W
5,400.0	0.00	0.00	5,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W

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Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 504H
Company:	NEW MEXICO	TVD Reference:	GL @ 3688.7usft
Project:	(SP) LEA	MD Reference:	GL @ 3688.7usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 504H	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	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,500.0	0.00	0.00	7,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,600.0	0.00	0.00	7,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,700.0	0.00	0.00	7,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,800.0	0.00	0.00	7,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
7,900.0	0.00	0.00	7,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,000.0	0.00	0.00	8,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,100.0	0.00	0.00	8,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,200.0	0.00	0.00	8,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,300.0	0.00	0.00	8,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,400.0	0.00	0.00	8,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,500.0	0.00	0.00	8,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,600.0	0.00	0.00	8,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,700.0	0.00	0.00	8,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,800.0	0.00	0.00	8,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
8,900.0	0.00	0.00	8,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,000.0	0.00	0.00	9,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,100.0	0.00	0.00	9,100.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,200.0	0.00	0.00	9,200.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,300.0	0.00	0.00	9,300.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,400.0	0.00	0.00	9,400.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,500.0	0.00	0.00	9,500.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,600.0	0.00	0.00	9,600.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,700.0	0.00	0.00	9,700.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,800.0	0.00	0.00	9,800.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
9,900.0	0.00	0.00	9,900.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
10,000.0	0.00	0.00	10,000.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
10,063.0	0.00	0.00	10,063.0	0.0	0.0	567,628.05	816,391.94	32° 33' 26.264 N	103° 26' 26.160 W	
KOP										
10,100.0	4.44	2.50	10,100.0	1.4	0.1	567,629.49	816,392.00	32° 33' 26.279 N	103° 26' 26.159 W	
10,200.0	16.46	2.50	10,198.1	19.5	0.9	567,647.57	816,392.79	32° 33' 26.457 N	103° 26' 26.148 W	
10,300.0	28.47	2.50	10,290.4	57.6	2.5	567,685.67	816,394.45	32° 33' 26.834 N	103° 26' 26.125 W	
10,400.0	40.48	2.50	10,372.7	114.1	5.0	567,742.12	816,396.92	32° 33' 27.393 N	103° 26' 26.091 W	
10,500.0	52.49	2.50	10,441.4	186.4	8.1	567,814.44	816,400.08	32° 33' 28.108 N	103° 26' 26.047 W	
10,600.0	64.50	2.50	10,493.5	271.4	11.8	567,899.46	816,403.79	32° 33' 28.949 N	103° 26' 25.995 W	

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 504H
Company:	NEW MEXICO	TVD Reference:	GL @ 3688.7usft
Project:	(SP) LEA	MD Reference:	GL @ 3688.7usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 504H	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	
10,700.0	76.51	2.50	10,526.8	365.4	16.0	567,993.47	816,407.89	32° 33' 29.879 N	103° 26' 25.938 W	
10,800.0	88.53	2.50	10,539.8	464.3	20.3	568,092.34	816,412.21	32° 33' 30.857 N	103° 26' 25.878 W	
10,812.0	89.97	2.50	10,540.0	476.3	20.8	568,104.33	816,412.73	32° 33' 30.975 N	103° 26' 25.871 W	
EOC										
10,812.3	90.00	2.50	10,540.0	476.5	20.8	568,104.60	816,412.74	32° 33' 30.978 N	103° 26' 25.871 W	
10,900.0	90.00	0.75	10,540.0	564.2	23.3	568,192.29	816,415.23	32° 33' 31.845 N	103° 26' 25.833 W	
10,950.0	90.00	359.75	10,540.0	614.2	23.5	568,242.29	816,415.44	32° 33' 32.340 N	103° 26' 25.825 W	
FTP										
10,959.9	90.00	359.55	10,540.0	624.1	23.4	568,252.16	816,415.38	32° 33' 32.438 N	103° 26' 25.825 W	
11,000.0	90.00	359.55	10,540.0	664.2	23.1	568,292.29	816,415.07	32° 33' 32.835 N	103° 26' 25.825 W	
11,100.0	90.00	359.55	10,540.0	764.2	22.3	568,392.28	816,414.28	32° 33' 33.824 N	103° 26' 25.824 W	
11,200.0	90.00	359.55	10,540.0	864.2	21.5	568,492.28	816,413.49	32° 33' 34.814 N	103° 26' 25.824 W	
11,300.0	90.00	359.55	10,540.0	964.2	20.8	568,592.28	816,412.70	32° 33' 35.803 N	103° 26' 25.823 W	
11,400.0	90.00	359.55	10,540.0	1,064.2	20.0	568,692.28	816,411.91	32° 33' 36.793 N	103° 26' 25.823 W	
11,500.0	90.00	359.55	10,540.0	1,164.2	19.2	568,792.27	816,411.12	32° 33' 37.782 N	103° 26' 25.822 W	
11,600.0	90.00	359.55	10,540.0	1,264.2	18.4	568,892.27	816,410.33	32° 33' 38.771 N	103° 26' 25.822 W	
11,700.0	90.00	359.55	10,540.0	1,364.2	17.6	568,992.27	816,409.54	32° 33' 39.761 N	103° 26' 25.821 W	
11,800.0	90.00	359.55	10,540.0	1,464.2	16.8	569,092.26	816,408.75	32° 33' 40.750 N	103° 26' 25.820 W	
11,900.0	90.00	359.55	10,540.0	1,564.2	16.0	569,192.26	816,407.96	32° 33' 41.740 N	103° 26' 25.820 W	
12,000.0	90.00	359.55	10,540.0	1,664.2	15.2	569,292.26	816,407.17	32° 33' 42.729 N	103° 26' 25.819 W	
12,100.0	90.00	359.55	10,540.0	1,764.2	14.4	569,392.25	816,406.39	32° 33' 43.719 N	103° 26' 25.819 W	
12,200.0	90.00	359.55	10,540.0	1,864.2	13.7	569,492.25	816,405.60	32° 33' 44.708 N	103° 26' 25.818 W	
12,300.0	90.00	359.55	10,540.0	1,964.2	12.9	569,592.25	816,404.81	32° 33' 45.698 N	103° 26' 25.817 W	
12,400.0	90.00	359.55	10,540.0	2,064.2	12.1	569,692.24	816,404.02	32° 33' 46.687 N	103° 26' 25.817 W	
12,500.0	90.00	359.55	10,540.0	2,164.2	11.3	569,792.24	816,403.23	32° 33' 47.677 N	103° 26' 25.816 W	
12,600.0	90.00	359.55	10,540.0	2,264.2	10.5	569,892.24	816,402.44	32° 33' 48.666 N	103° 26' 25.816 W	
12,700.0	90.00	359.55	10,540.0	2,364.2	9.7	569,992.23	816,401.65	32° 33' 49.656 N	103° 26' 25.815 W	
12,800.0	90.00	359.55	10,540.0	2,464.2	8.9	570,092.23	816,400.86	32° 33' 50.645 N	103° 26' 25.815 W	
12,900.0	90.00	359.55	10,540.0	2,564.2	8.1	570,192.23	816,400.07	32° 33' 51.635 N	103° 26' 25.814 W	
13,000.0	90.00	359.55	10,540.0	2,664.2	7.3	570,292.23	816,399.28	32° 33' 52.624 N	103° 26' 25.813 W	
13,100.0	90.00	359.55	10,540.0	2,764.2	6.6	570,392.22	816,398.50	32° 33' 53.613 N	103° 26' 25.813 W	
13,200.0	90.00	359.55	10,540.0	2,864.2	5.8	570,492.22	816,397.71	32° 33' 54.603 N	103° 26' 25.812 W	
13,300.0	90.00	359.55	10,540.0	2,964.2	5.0	570,592.22	816,396.92	32° 33' 55.592 N	103° 26' 25.812 W	
13,400.0	90.00	359.55	10,540.0	3,064.2	4.2	570,692.21	816,396.13	32° 33' 56.582 N	103° 26' 25.811 W	
13,500.0	90.00	359.55	10,540.0	3,164.2	3.4	570,792.21	816,395.34	32° 33' 57.571 N	103° 26' 25.810 W	
13,600.0	90.00	359.55	10,540.0	3,264.2	2.6	570,892.21	816,394.55	32° 33' 58.561 N	103° 26' 25.810 W	
13,700.0	90.00	359.55	10,540.0	3,364.2	1.8	570,992.20	816,393.76	32° 33' 59.550 N	103° 26' 25.809 W	
13,800.0	90.00	359.55	10,540.0	3,464.1	1.0	571,092.20	816,392.97	32° 34' 0.540 N	103° 26' 25.809 W	
13,900.0	90.00	359.55	10,540.0	3,564.1	0.2	571,192.20	816,392.18	32° 34' 1.529 N	103° 26' 25.808 W	
14,000.0	90.00	359.55	10,540.0	3,664.1	-0.5	571,292.19	816,391.39	32° 34' 2.519 N	103° 26' 25.808 W	
14,100.0	90.00	359.55	10,540.0	3,764.1	-1.3	571,392.19	816,390.60	32° 34' 3.508 N	103° 26' 25.807 W	
14,200.0	90.00	359.55	10,540.0	3,864.1	-2.1	571,492.19	816,389.82	32° 34' 4.498 N	103° 26' 25.806 W	
14,300.0	90.00	359.55	10,540.0	3,964.1	-2.9	571,592.19	816,389.03	32° 34' 5.487 N	103° 26' 25.806 W	
14,400.0	90.00	359.55	10,540.0	4,064.1	-3.7	571,692.18	816,388.24	32° 34' 6.477 N	103° 26' 25.805 W	
14,500.0	90.00	359.55	10,540.0	4,164.1	-4.5	571,792.18	816,387.45	32° 34' 7.466 N	103° 26' 25.805 W	
14,600.0	90.00	359.55	10,540.0	4,264.1	-5.3	571,892.18	816,386.66	32° 34' 8.455 N	103° 26' 25.804 W	
14,700.0	90.00	359.55	10,540.0	4,364.1	-6.1	571,992.17	816,385.87	32° 34' 9.445 N	103° 26' 25.804 W	
14,800.0	90.00	359.55	10,540.0	4,464.1	-6.9	572,092.17	816,385.08	32° 34' 10.434 N	103° 26' 25.803 W	
14,900.0	90.00	359.55	10,540.0	4,564.1	-7.6	572,192.17	816,384.29	32° 34' 11.424 N	103° 26' 25.802 W	
15,000.0	90.00	359.55	10,540.0	4,664.1	-8.4	572,292.16	816,383.50	32° 34' 12.413 N	103° 26' 25.802 W	
15,100.0	90.00	359.55	10,540.0	4,764.1	-9.2	572,392.16	816,382.71	32° 34' 13.403 N	103° 26' 25.801 W	
15,200.0	90.00	359.55	10,540.0	4,864.1	-10.0	572,492.16	816,381.93	32° 34' 14.392 N	103° 26' 25.801 W	
15,300.0	90.00	359.55	10,540.0	4,964.1	-10.8	572,592.15	816,381.14	32° 34' 15.382 N	103° 26' 25.800 W	
15,400.0	90.00	359.55	10,540.0	5,064.1	-11.6	572,692.15	816,380.35	32° 34' 16.371 N	103° 26' 25.799 W	

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 504H
Company:	NEW MEXICO	TVD Reference:	GL @ 3688.7usft
Project:	(SP) LEA	MD Reference:	GL @ 3688.7usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 504H	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	359.55	10,540.0	5,164.1	-12.4	572,792.15	816,379.56	32° 34' 17.361 N	103° 26' 25.799 W	
15,600.0	90.00	359.55	10,540.0	5,264.1	-13.2	572,892.14	816,378.77	32° 34' 18.350 N	103° 26' 25.798 W	
15,700.0	90.00	359.55	10,540.0	5,364.1	-14.0	572,992.14	816,377.98	32° 34' 19.340 N	103° 26' 25.798 W	
15,800.0	90.00	359.55	10,540.0	5,464.1	-14.7	573,092.14	816,377.19	32° 34' 20.329 N	103° 26' 25.797 W	
15,900.0	90.00	359.55	10,540.0	5,564.1	-15.5	573,192.14	816,376.40	32° 34' 21.319 N	103° 26' 25.797 W	
16,000.0	90.00	359.55	10,540.0	5,664.1	-16.3	573,292.13	816,375.61	32° 34' 22.308 N	103° 26' 25.796 W	
16,100.0	90.00	359.55	10,540.0	5,764.1	-17.1	573,392.13	816,374.82	32° 34' 23.297 N	103° 26' 25.795 W	
16,200.0	90.00	359.55	10,540.0	5,864.1	-17.9	573,492.13	816,374.03	32° 34' 24.287 N	103° 26' 25.795 W	
16,300.0	90.00	359.55	10,540.0	5,964.1	-18.7	573,592.12	816,373.25	32° 34' 25.276 N	103° 26' 25.794 W	
16,400.0	90.00	359.55	10,540.0	6,064.1	-19.5	573,692.12	816,372.46	32° 34' 26.266 N	103° 26' 25.794 W	
16,500.0	90.00	359.55	10,540.0	6,164.1	-20.3	573,792.12	816,371.67	32° 34' 27.255 N	103° 26' 25.793 W	
16,600.0	90.00	359.55	10,540.0	6,264.1	-21.1	573,892.11	816,370.88	32° 34' 28.245 N	103° 26' 25.792 W	
16,700.0	90.00	359.55	10,540.0	6,364.1	-21.8	573,992.11	816,370.09	32° 34' 29.234 N	103° 26' 25.792 W	
16,800.0	90.00	359.55	10,540.0	6,464.1	-22.6	574,092.11	816,369.30	32° 34' 30.224 N	103° 26' 25.791 W	
16,900.0	90.00	359.55	10,540.0	6,564.1	-23.4	574,192.10	816,368.51	32° 34' 31.213 N	103° 26' 25.791 W	
17,000.0	90.00	359.55	10,540.0	6,664.0	-24.2	574,292.10	816,367.72	32° 34' 32.203 N	103° 26' 25.790 W	
17,100.0	90.00	359.55	10,540.0	6,764.0	-25.0	574,392.10	816,366.93	32° 34' 33.192 N	103° 26' 25.790 W	
17,200.0	90.00	359.55	10,540.0	6,864.0	-25.8	574,492.09	816,366.14	32° 34' 34.182 N	103° 26' 25.789 W	
17,300.0	90.00	359.55	10,540.0	6,964.0	-26.6	574,592.09	816,365.35	32° 34' 35.171 N	103° 26' 25.788 W	
17,400.0	90.00	359.55	10,540.0	7,064.0	-27.4	574,692.09	816,364.57	32° 34' 36.161 N	103° 26' 25.788 W	
17,500.0	90.00	359.55	10,540.0	7,164.0	-28.2	574,792.09	816,363.78	32° 34' 37.150 N	103° 26' 25.787 W	
17,600.0	90.00	359.55	10,540.0	7,264.0	-29.0	574,892.08	816,362.99	32° 34' 38.139 N	103° 26' 25.787 W	
17,700.0	90.00	359.55	10,540.0	7,364.0	-29.7	574,992.08	816,362.20	32° 34' 39.129 N	103° 26' 25.786 W	
17,800.0	90.00	359.55	10,540.0	7,464.0	-30.5	575,092.08	816,361.41	32° 34' 40.118 N	103° 26' 25.785 W	
17,900.0	90.00	359.55	10,540.0	7,564.0	-31.3	575,192.07	816,360.62	32° 34' 41.108 N	103° 26' 25.785 W	
18,000.0	90.00	359.55	10,540.0	7,664.0	-32.1	575,292.07	816,359.83	32° 34' 42.097 N	103° 26' 25.784 W	
18,100.0	90.00	359.55	10,540.0	7,764.0	-32.9	575,392.07	816,359.04	32° 34' 43.087 N	103° 26' 25.784 W	
18,200.0	90.00	359.55	10,540.0	7,864.0	-33.7	575,492.06	816,358.25	32° 34' 44.076 N	103° 26' 25.783 W	
18,300.0	90.00	359.55	10,540.0	7,964.0	-34.5	575,592.06	816,357.46	32° 34' 45.066 N	103° 26' 25.782 W	
18,400.0	90.00	359.55	10,540.0	8,064.0	-35.3	575,692.06	816,356.68	32° 34' 46.055 N	103° 26' 25.782 W	
18,500.0	90.00	359.55	10,540.0	8,164.0	-36.1	575,792.05	816,355.89	32° 34' 47.045 N	103° 26' 25.781 W	
18,600.0	90.00	359.55	10,540.0	8,264.0	-36.8	575,892.05	816,355.10	32° 34' 48.034 N	103° 26' 25.781 W	
18,665.8	90.00	359.55	10,540.0	8,329.8	-37.4	575,957.81	816,354.58	32° 34' 48.685 N	103° 26' 25.780 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 504H - plan misses target center by 1.9usft at 10940.1usft MD (10540.0 TVD, 604.4 N, 23.5 E) - Point	0.00	0.00	10,540.0	604.4	21.7	568,232.43	816,413.60	32° 33' 32.243 N	103° 26' 25.848 W
WOODY 22 FED COM 504H - plan hits target center - Point	0.00	0.00	10,540.0	8,329.8	-37.4	575,957.81	816,354.58	32° 34' 48.685 N	103° 26' 25.780 W

PERMIAN
RESOURCES

Permian Resources
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well WOODY 22 FED COM 504H
Company:	NEW MEXICO	TVD Reference:	GL @ 3688.7usft
Project:	(SP) LEA	MD Reference:	GL @ 3688.7usft
Site:	WOODY	North Reference:	Grid
Well:	WOODY 22 FED COM 504H	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)	
10,063.0	10,063.0	0.0	0.0	KOP
10,812.0	10,540.0	476.3	20.8	EOC
10,950.0	10,540.0	614.2	23.5	FTP
18,665.8	10,540.0	8,329.8	-37.4	LTP/BHL

District I
1625 N. French Dr., Hobbs, NM 88240
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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 225138

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 225138
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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