

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Matador Production Company 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240		² OGRID Number 228937
		³ Reason for Filing Code/ Effective Date RT
⁴ API Number 30 - 015-48106	⁵ Pool Name MALAGA; BONE SPRING	⁶ Pool Code 42780
⁷ Property Code 330294	⁸ Property Name KEN WILSON 14 15	⁹ Well Number 122

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	14	24S	28E		1935	NORTH	326	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	15	24S	28E		1979	NORTH	113	WEST	EDDY
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 04/23/2022	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

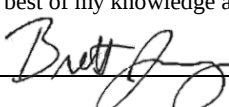
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372018	Longwood RB Pipeline, LLC 5400 LBJ Freeway, Ste 1500, Dallas, TX 75240	G
34053	Plains Marketing, L.P. P.O. Box 4648 Houston, TX 77210	O

IV. Well Completion Data

²¹ Spud Date 12/11/2021	²² Ready Date 04/23/2022	²³ TD 18620MD/ 8057TVD	²⁴ PBDT 18515 MD/ 8059 TVD	²⁵ Perforations 8307-18468 MD 8177-8058 TVD	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2		13 3/8	595		845 sxs
12 1/4		9 5/8	2779		1090 sxs
8 3/4		5 1/2	18607		2905 sxs

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Brett Jennings			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: Brett.Jennings@matadorresources.com			Approval Date: 5/4/2022		
Date: 04/18/2022		Phone: 972-629-2160	RT EXPIRES 7/23/2022		

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 30-015-48106	² Pool Code 42780	³ Pool Name MALAGA; BONE SPRING
⁴ Property Code 330294	⁵ Property Name KEN WILSON	⁶ Well Number 122H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 2966'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	14	24-S	28-E	-	1935'	NORTH	326'	EAST	EDDY

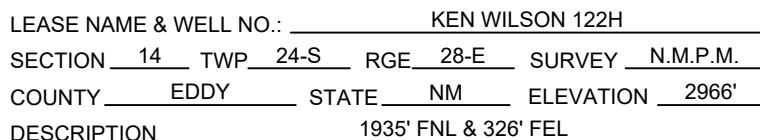
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	15	24-S	28-E	-	1979'	NORTH	113'	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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							
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: 04/19/2022			
Printed Name: Brett Jennings							
E-mail Address: Brett.Jennings@matadorresources.com							
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 to the best of my belief.							
Date of Survey: 08/27/2020							
Signature and Seal of Professional Surveyor							
Certificate Number							



INTERNAL
PRE-COMPLETION
PLAT



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM

Michael Blake Brown, P.S. No. 18329
March 11, 2022

KEN WILSON 122H PRE-COMPLETION	REVISION:		NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
	INT	DATE	
DATE: 03/11/22			
FILE: C_KEN_WILSON_122H			
DRAWN BY: AMD			
SHEET : 2 OF 2			

Matador Resources Company

Eddy County, New Mexico (NAD27)

Ken Wilson 14&15

Ken Wilson 14&15 122H

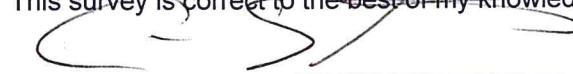
OH

Design: OH

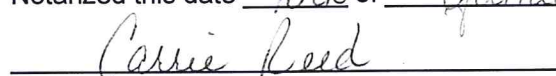
Standard Survey Report

10 January, 2022

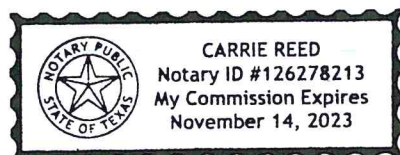
This survey is correct to the best of my knowledge and is supported by actual field data.



Notarized this date 10th of January, 2022.



Notary Signature
County of Midland
State of Texas



Legacy Directional

Survey Report

Company:	Matador Resources Company	Local Co-ordinate Reference:	Well Ken Wilson 14&15 122H
Project:	Eddy County, New Mexico (NAD27)	TVD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Site:	Ken Wilson 14&15	MD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Well:	Ken Wilson 14&15 122H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Project	Eddy County, New Mexico (NAD27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Ken Wilson 14&15		
Site Position:		Northing:	443,720.00 usft
From:	Map	Easting:	587,603.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.219586
		Longitude:	-104.050062

Well	Ken Wilson 14&15 122H					
Well Position	+N/-S	0.00 usft	Northing:	443,720.00 usft	Latitude:	32.219586
	+E/-W	0.00 usft	Easting:	587,633.00 usft	Longitude:	-104.049965
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,966.00 usft
Grid Convergence:		0.15 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	12/1/2021	6.71	59.81	47,397.30352834

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	270.58

Survey Program	Date	1/10/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
163.00	18,620.00	Legacy MWD (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM

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	
Ken Wilson 14&15 112H PP (50' LL)										
163.00	0.11	311.31	163.00	0.10	-0.12	0.12	0.07	0.07	0.00	
226.00	0.11	12.03	226.00	0.20	-0.15	0.15	0.18	0.00	96.38	
321.00	0.25	110.68	321.00	0.22	0.06	-0.06	0.30	0.15	103.84	
510.00	0.81	101.88	509.99	-0.20	1.76	-1.76	0.30	0.30	-4.66	
538.00	0.91	92.92	537.99	-0.25	2.17	-2.17	0.60	0.36	-32.00	
693.00	1.00	103.78	692.97	-0.64	4.71	-4.72	0.13	0.06	7.01	
788.00	1.30	102.04	787.95	-1.06	6.57	-6.58	0.32	0.32	-1.83	
881.00	1.86	102.25	880.91	-1.60	9.08	-9.10	0.60	0.60	0.23	

Legacy Directional Survey Report

Company:	Matador Resources Company	Local Co-ordinate Reference:	Well Ken Wilson 14&15 122H
Project:	Eddy County, New Mexico (NAD27)	TVD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Site:	Ken Wilson 14&15	MD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Well:	Ken Wilson 14&15 122H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
974.00	3.48	91.36	973.81	-1.99	13.38	-13.40	1.82	1.74	-11.71	
1,069.00	4.59	76.50	1,068.57	-1.17	19.96	-19.97	1.60	1.17	-15.64	
1,163.00	4.09	83.12	1,162.30	0.11	26.94	-26.94	0.75	-0.53	7.04	
1,256.00	4.37	80.99	1,255.05	1.06	33.73	-33.72	0.35	0.30	-2.29	
1,350.00	4.75	79.00	1,348.75	2.37	41.09	-41.07	0.44	0.40	-2.12	
1,444.00	4.73	77.14	1,442.43	3.97	48.69	-48.65	0.16	-0.02	-1.98	
1,537.00	6.05	79.92	1,535.02	5.68	57.25	-57.19	1.45	1.42	2.99	
1,631.00	6.71	83.74	1,628.44	7.15	67.59	-67.51	0.83	0.70	4.06	
1,726.00	5.62	83.10	1,722.89	8.31	77.73	-77.64	1.15	-1.15	-0.67	
1,822.00	4.74	85.37	1,818.49	9.20	86.35	-86.25	0.94	-0.92	2.36	
1,917.00	5.28	87.16	1,913.13	9.73	94.62	-94.52	0.59	0.57	1.88	
2,012.00	7.76	95.92	2,007.51	9.28	105.37	-105.27	2.81	2.61	9.22	
2,108.00	8.11	95.19	2,102.59	8.00	118.56	-118.47	0.38	0.36	-0.76	
2,203.00	7.79	99.14	2,196.68	6.38	131.59	-131.52	0.67	-0.34	4.16	
2,299.00	8.24	97.55	2,291.74	4.44	144.83	-144.78	0.52	0.47	-1.66	
2,394.00	9.13	95.47	2,385.65	2.82	159.09	-159.05	0.99	0.94	-2.19	
2,489.00	6.93	90.37	2,479.71	2.07	172.32	-172.29	2.43	-2.32	-5.37	
2,585.00	6.00	93.02	2,575.10	1.77	183.12	-183.10	1.02	-0.97	2.76	
2,680.00	5.10	81.47	2,669.66	2.13	192.26	-192.23	1.51	-0.95	-12.16	
2,723.00	4.98	76.20	2,712.49	2.86	195.96	-195.92	1.11	-0.28	-12.26	
2,823.00	5.19	77.37	2,812.10	4.89	204.59	-204.53	0.23	0.21	1.17	
2,891.00	5.22	76.34	2,879.82	6.29	210.60	-210.52	0.14	0.04	-1.51	
2,986.00	5.51	85.45	2,974.40	7.67	219.34	-219.25	0.95	0.31	9.59	
3,081.00	4.67	89.29	3,069.03	8.08	227.76	-227.66	0.95	-0.88	4.04	
3,176.00	4.33	90.03	3,163.74	8.13	235.21	-235.12	0.36	-0.36	0.78	
3,271.00	4.69	90.44	3,258.44	8.09	242.68	-242.59	0.38	0.38	0.43	
3,367.00	3.95	88.51	3,354.17	8.15	249.91	-249.81	0.79	-0.77	-2.01	
3,462.00	2.79	88.02	3,449.00	8.32	255.49	-255.39	1.22	-1.22	-0.52	
3,558.00	2.09	86.60	3,544.92	8.50	259.57	-259.48	0.73	-0.73	-1.48	
3,653.00	1.67	89.26	3,639.86	8.62	262.69	-262.59	0.45	-0.44	2.80	
3,748.00	0.58	75.70	3,734.84	8.76	264.54	-264.44	1.17	-1.15	-14.27	
3,844.00	0.40	83.87	3,830.84	8.91	265.34	-265.24	0.20	-0.19	8.51	
3,939.00	0.37	80.85	3,925.84	9.00	265.97	-265.87	0.04	-0.03	-3.18	
4,035.00	0.33	81.97	4,021.84	9.09	266.55	-266.45	0.04	-0.04	1.17	
4,130.00	0.36	66.53	4,116.84	9.24	267.10	-266.99	0.10	0.03	-16.25	
4,225.00	0.30	57.21	4,211.83	9.50	267.58	-267.47	0.08	-0.06	-9.81	
4,321.00	0.20	54.59	4,307.83	9.73	267.93	-267.82	0.10	-0.10	-2.73	
4,417.00	0.10	72.32	4,403.83	9.85	268.15	-268.03	0.11	-0.10	18.47	
4,512.00	0.08	66.07	4,498.83	9.90	268.29	-268.17	0.02	-0.02	-6.58	
4,607.00	0.16	110.77	4,593.83	9.88	268.47	-268.36	0.12	0.08	47.05	
4,703.00	0.21	106.33	4,689.83	9.79	268.76	-268.65	0.05	0.05	-4.63	
4,798.00	0.28	103.55	4,784.83	9.68	269.16	-269.05	0.07	0.07	-2.93	
4,894.00	0.33	113.98	4,880.83	9.52	269.64	-269.53	0.08	0.05	10.86	

Legacy Directional

Survey Report

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Well:	Ken Wilson 14&15 122H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,989.00	0.53	146.30	4,975.83	9.04	270.13	-270.03	0.32	0.21	34.02	
5,084.00	0.56	142.17	5,070.82	8.31	270.66	-270.56	0.05	0.03	-4.35	
5,180.00	0.75	135.89	5,166.82	7.49	271.39	-271.30	0.21	0.20	-6.54	
5,275.00	0.87	137.43	5,261.81	6.51	272.31	-272.23	0.13	0.13	1.62	
5,370.00	1.04	134.67	5,356.79	5.37	273.41	-273.34	0.19	0.18	-2.91	
5,466.00	1.00	128.13	5,452.78	4.24	274.69	-274.63	0.13	-0.04	-6.81	
5,562.00	0.99	129.70	5,548.76	3.19	275.98	-275.94	0.03	-0.01	1.64	
5,657.00	0.82	139.65	5,643.75	2.15	277.05	-277.02	0.24	-0.18	10.47	
5,753.00	0.89	136.42	5,739.74	1.09	278.01	-277.99	0.09	0.07	-3.36	
5,848.00	0.88	146.57	5,834.73	-0.06	278.92	-278.91	0.17	-0.01	10.68	
5,944.00	0.88	150.65	5,930.72	-1.31	279.69	-279.69	0.07	0.00	4.25	
6,039.00	0.93	156.18	6,025.71	-2.65	280.36	-280.37	0.11	0.05	5.82	
6,135.00	0.93	164.38	6,121.69	-4.12	280.88	-280.91	0.14	0.00	8.54	
6,231.00	0.95	164.80	6,217.68	-5.64	281.30	-281.35	0.02	0.02	0.44	
6,327.00	1.03	187.03	6,313.67	-7.26	281.41	-281.46	0.41	0.08	23.16	
6,423.00	0.76	217.79	6,409.66	-8.62	280.91	-280.98	0.56	-0.28	32.04	
6,518.00	1.06	235.90	6,504.64	-9.61	279.80	-279.88	0.43	0.32	19.06	
6,614.00	1.27	254.07	6,600.62	-10.40	278.04	-278.13	0.44	0.22	18.93	
6,709.00	1.36	272.02	6,695.60	-10.65	275.90	-275.99	0.44	0.09	18.89	
6,805.00	1.27	304.02	6,791.58	-10.01	273.88	-273.97	0.76	-0.09	33.33	
6,900.00	1.22	287.29	6,886.55	-9.12	272.04	-272.12	0.38	-0.05	-17.61	
6,996.00	1.09	284.83	6,982.53	-8.59	270.18	-270.25	0.14	-0.14	-2.56	
7,091.00	1.66	288.25	7,077.51	-7.92	268.00	-268.07	0.61	0.60	3.60	
7,186.00	1.78	280.36	7,172.46	-7.23	265.24	-265.30	0.28	0.13	-8.31	
7,282.00	1.26	309.49	7,268.43	-6.29	262.96	-263.01	0.95	-0.54	30.34	
7,377.00	1.31	303.70	7,363.41	-5.02	261.25	-261.29	0.15	0.05	-6.09	
7,473.00	2.14	274.58	7,459.36	-4.27	258.55	-258.58	1.23	0.86	-30.33	
7,569.00	3.04	274.82	7,555.27	-3.91	254.23	-254.26	0.94	0.94	0.25	
7,644.00	2.96	276.88	7,630.16	-3.51	250.33	-250.35	0.18	-0.11	2.75	
7,739.00	8.51	257.05	7,724.66	-4.80	241.03	-241.07	6.12	5.84	-20.87	
7,786.00	15.37	262.92	7,770.62	-6.35	231.45	-231.50	14.80	14.60	12.49	
7,803.50	17.73	265.05	7,787.39	-6.86	226.49	-226.55	13.92	13.49	12.17	
FTP 7803.50 MD / 7787.39 TVD										
7,835.00	22.02	267.76	7,817.01	-7.51	215.81	-215.87	13.92	13.62	8.60	
7,882.00	25.39	269.95	7,860.04	-7.86	196.92	-196.99	7.41	7.17	4.66	
7,930.00	28.21	270.52	7,902.88	-7.77	175.28	-175.35	5.90	5.88	1.19	
8,025.00	32.89	267.83	7,984.67	-8.54	127.03	-127.11	5.13	4.93	-2.83	
8,121.00	42.99	267.52	8,060.28	-10.95	68.13	-68.23	10.52	10.52	-0.32	
8,129.98	43.88	267.67	8,066.80	-11.21	61.96	-62.07	9.99	9.93	1.67	
Ken Wilson 14&15 122H FTP										
8,216.00	52.43	268.90	8,124.14	-13.08	-2.03	1.90	9.99	9.94	1.43	
8,312.00	60.50	270.24	8,177.13	-13.63	-81.98	81.84	8.49	8.41	1.40	
8,407.00	64.33	264.84	8,221.14	-17.31	-166.04	165.86	6.45	4.03	-5.68	
8,503.00	69.87	262.89	8,258.48	-26.79	-253.93	253.64	6.07	5.77	-2.03	

Legacy Directional

Survey Report

Company:	Matador Resources Company	Local Co-ordinate Reference:	Well Ken Wilson 14&15 122H
Project:	Eddy County, New Mexico (NAD27)	TVD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Site:	Ken Wilson 14&15	MD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Well:	Ken Wilson 14&15 122H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,598.00	76.25	261.35	8,286.15	-39.27	-343.90	343.48	6.89	6.72	-1.62	
8,693.00	81.74	264.29	8,304.28	-50.89	-436.37	435.84	6.53	5.78	3.09	
8,789.00	92.33	267.98	8,309.24	-57.33	-531.88	531.27	11.68	11.03	3.84	
8,884.00	92.67	270.02	8,305.10	-58.99	-626.77	626.14	2.17	0.36	2.15	
8,980.00	92.02	271.05	8,301.17	-58.09	-722.68	722.05	1.27	-0.68	1.07	
9,076.00	92.97	270.83	8,296.99	-56.52	-818.57	817.96	1.02	0.99	-0.23	
9,171.00	91.40	271.62	8,293.37	-54.49	-913.48	912.88	1.85	-1.65	0.83	
9,258.33	92.02	271.53	8,290.76	-52.09	-1,000.74	1,000.16	0.72	0.71	-0.10	
1000'VS Ken Wilson 14&15 122H										
9,267.00	92.08	271.52	8,290.45	-51.86	-1,009.40	1,008.82	0.72	0.71	-0.10	
9,362.00	91.80	270.68	8,287.24	-50.04	-1,104.33	1,103.76	0.93	-0.29	-0.88	
9,458.00	92.08	270.12	8,283.99	-49.37	-1,200.27	1,199.71	0.65	0.29	-0.58	
9,554.00	91.15	270.87	8,281.28	-48.54	-1,296.22	1,295.67	1.24	-0.97	0.78	
9,650.00	91.38	270.78	8,279.16	-47.15	-1,392.19	1,391.64	0.26	0.24	-0.09	
9,745.00	91.77	270.52	8,276.55	-46.08	-1,487.15	1,486.61	0.49	0.41	-0.27	
9,841.00	92.02	269.95	8,273.38	-45.68	-1,583.10	1,582.55	0.65	0.26	-0.59	
9,936.00	90.93	271.01	8,270.93	-44.89	-1,678.06	1,677.52	1.60	-1.15	1.12	
10,032.00	91.30	270.79	8,269.06	-43.38	-1,774.03	1,773.50	0.45	0.39	-0.23	
10,127.00	91.63	270.37	8,266.63	-42.42	-1,868.99	1,868.47	0.56	0.35	-0.44	
10,223.00	92.08	270.18	8,263.53	-41.96	-1,964.94	1,964.41	0.51	0.47	-0.20	
10,258.40	91.96	270.33	8,262.28	-41.80	-2,000.32	1,999.79	0.54	-0.33	0.43	
2000'VS Ken Wilson 14&15 122H										
10,318.00	91.77	270.59	8,260.33	-41.32	-2,059.88	2,059.36	0.54	-0.33	0.43	
10,414.00	92.36	270.33	8,256.88	-40.55	-2,155.82	2,155.30	0.67	0.61	-0.27	
10,509.00	93.93	269.78	8,251.66	-40.46	-2,250.67	2,250.15	1.75	1.65	-0.58	
10,605.00	91.94	270.53	8,246.75	-40.20	-2,346.54	2,346.01	2.21	-2.07	0.78	
10,700.00	92.58	270.49	8,243.00	-39.35	-2,441.46	2,440.94	0.67	0.67	-0.04	
10,796.00	90.06	272.47	8,240.79	-36.87	-2,537.39	2,536.89	3.34	-2.63	2.06	
10,891.00	91.07	273.15	8,239.85	-32.22	-2,632.27	2,631.81	1.28	1.06	0.72	
10,987.00	91.91	273.20	8,237.36	-26.90	-2,728.09	2,727.68	0.88	0.88	0.05	
11,082.00	90.96	273.92	8,234.98	-21.01	-2,822.87	2,822.52	1.25	-1.00	0.76	
11,177.00	91.01	273.21	8,233.35	-15.10	-2,917.68	2,917.37	0.75	0.05	-0.75	
11,259.18	91.57	273.04	8,231.50	-10.62	-2,999.71	2,999.45	0.71	0.68	-0.21	
3000'VS Ken Wilson 14&15 122H										
11,273.00	91.66	273.01	8,231.11	-9.89	-3,013.51	3,013.25	0.71	0.68	-0.21	
11,368.00	89.50	271.66	8,230.15	-6.02	-3,108.42	3,108.20	2.68	-2.27	-1.42	
11,464.00	89.92	271.06	8,230.63	-3.74	-3,204.39	3,204.19	0.76	0.44	-0.63	
11,558.00	90.09	270.65	8,230.62	-2.34	-3,298.38	3,298.18	0.47	0.18	-0.44	
11,653.00	90.23	270.54	8,230.36	-1.35	-3,393.37	3,393.18	0.19	0.15	-0.12	
11,747.00	90.40	270.08	8,229.84	-0.85	-3,487.37	3,487.18	0.52	0.18	-0.49	
11,842.00	90.79	269.90	8,228.86	-0.86	-3,582.36	3,582.17	0.45	0.41	-0.19	
11,937.00	91.01	269.69	8,227.36	-1.20	-3,677.35	3,677.15	0.32	0.23	-0.22	
12,031.00	91.49	269.46	8,225.31	-1.90	-3,771.33	3,771.11	0.57	0.51	-0.24	
12,125.00	91.32	271.39	8,223.01	-1.20	-3,865.29	3,865.08	2.06	-0.18	2.05	

Legacy Directional

Survey Report

Company:	Matador Resources Company	Local Co-ordinate Reference:	Well Ken Wilson 14&15 122H
Project:	Eddy County, New Mexico (NAD27)	TVD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Site:	Ken Wilson 14&15	MD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Well:	Ken Wilson 14&15 122H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,218.00	91.80	270.94	8,220.48	0.69	-3,958.24	3,958.04	0.71	0.52	-0.48
12,260.10	92.00	270.81	8,219.08	1.33	-4,000.31	4,000.12	0.58	0.48	-0.32
4000'VS Ken Wilson 14&15 122H									
12,312.00	92.25	270.64	8,217.16	1.98	-4,052.17	4,051.98	0.58	0.48	-0.32
12,406.00	90.74	271.92	8,214.70	4.08	-4,146.11	4,145.94	2.11	-1.61	1.36
12,500.00	90.96	271.73	8,213.31	7.08	-4,240.05	4,239.90	0.31	0.23	-0.20
12,593.00	91.13	271.54	8,211.61	9.73	-4,333.00	4,332.87	0.27	0.18	-0.20
12,687.00	91.69	271.68	8,209.30	12.37	-4,426.93	4,426.83	0.61	0.60	0.15
12,781.00	92.13	271.40	8,206.17	14.89	-4,520.84	4,520.76	0.55	0.47	-0.30
12,874.00	92.65	271.32	8,202.29	17.10	-4,613.74	4,613.67	0.57	0.56	-0.09
12,969.00	90.85	271.06	8,199.39	19.07	-4,708.67	4,708.62	1.91	-1.89	-0.27
13,065.00	91.10	270.57	8,197.75	20.44	-4,804.64	4,804.60	0.57	0.26	-0.51
13,160.00	91.52	270.73	8,195.58	21.51	-4,899.61	4,899.58	0.47	0.44	0.17
13,256.00	91.91	270.82	8,192.71	22.81	-4,995.56	4,995.54	0.42	0.41	0.09
13,260.60	91.93	270.80	8,192.55	22.88	-5,000.16	5,000.13	0.59	0.41	-0.42
5000'VS Ken Wilson 14&15 122H									
13,351.00	92.30	270.42	8,189.22	23.84	-5,090.49	5,090.47	0.59	0.41	-0.42
13,447.00	90.73	270.74	8,186.68	24.81	-5,186.45	5,186.43	1.67	-1.64	0.33
13,543.00	91.18	270.61	8,185.08	25.94	-5,282.43	5,282.42	0.49	0.47	-0.14
13,639.00	91.49	270.76	8,182.84	27.09	-5,378.40	5,378.39	0.36	0.32	0.16
13,734.00	91.49	270.42	8,180.37	28.07	-5,473.36	5,473.36	0.36	0.00	-0.36
13,830.00	91.99	270.38	8,177.46	28.74	-5,569.31	5,569.32	0.52	0.52	-0.04
13,926.00	92.41	269.93	8,173.77	29.00	-5,665.24	5,665.24	0.64	0.44	-0.47
14,022.00	92.83	269.71	8,169.39	28.69	-5,761.14	5,761.13	0.49	0.44	-0.23
14,117.00	90.12	269.43	8,166.94	27.98	-5,856.10	5,856.08	2.87	-2.85	-0.29
14,213.00	90.37	268.95	8,166.53	26.62	-5,952.08	5,952.05	0.56	0.26	-0.50
14,261.39	90.57	268.93	8,166.13	25.73	-6,000.46	6,000.41	0.41	0.41	-0.03
6000'VS Ken Wilson 14&15 122H									
14,309.00	90.76	268.92	8,165.58	24.84	-6,048.06	6,048.01	0.41	0.41	-0.03
14,405.00	90.73	268.31	8,164.33	22.52	-6,144.03	6,143.94	0.64	-0.03	-0.64
14,500.00	90.90	268.09	8,162.98	19.54	-6,238.97	6,238.85	0.29	0.18	-0.23
14,596.00	91.12	267.54	8,161.29	15.88	-6,334.89	6,334.72	0.62	0.23	-0.57
14,691.00	91.40	269.68	8,159.20	13.57	-6,429.83	6,429.64	2.27	0.29	2.25
14,786.00	91.63	269.37	8,156.69	12.79	-6,524.79	6,524.59	0.41	0.24	-0.33
14,882.00	90.73	272.53	8,154.71	14.38	-6,620.75	6,620.55	3.42	-0.94	3.29
14,977.00	90.90	272.00	8,153.36	18.13	-6,715.66	6,715.50	0.59	0.18	-0.56
15,073.00	90.98	271.78	8,151.79	21.30	-6,811.60	6,811.46	0.24	0.08	-0.23
15,168.00	91.32	271.69	8,149.88	24.17	-6,906.53	6,906.42	0.37	0.36	-0.09
15,261.78	91.52	271.09	8,147.56	26.45	-7,000.25	7,000.16	0.67	0.21	-0.64
7000'VS Ken Wilson 14&15 122H									
15,264.00	91.52	271.08	8,147.50	26.49	-7,002.48	7,002.38	0.67	0.21	-0.64
15,359.00	91.80	270.52	8,144.75	27.82	-7,097.43	7,097.34	0.66	0.29	-0.59
15,455.00	91.99	270.49	8,141.57	28.66	-7,193.37	7,193.29	0.20	0.20	-0.03
15,549.00	92.66	270.25	8,137.76	29.27	-7,287.29	7,287.21	0.76	0.71	-0.26

Legacy Directional Survey Report

Company:	Matador Resources Company	Local Co-ordinate Reference:	Well Ken Wilson 14&15 122H
Project:	Eddy County, New Mexico (NAD27)	TVD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Site:	Ken Wilson 14&15	MD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Well:	Ken Wilson 14&15 122H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,645.00	91.99	270.38	8,133.87	29.80	-7,383.21	7,383.13	0.71	-0.70	0.14
15,741.00	92.35	270.31	8,130.23	30.38	-7,479.14	7,479.06	0.38	0.38	-0.07
15,836.00	90.79	271.23	8,127.63	31.65	-7,574.09	7,574.02	1.91	-1.64	0.97
15,931.00	90.64	270.99	8,126.44	33.49	-7,669.06	7,669.01	0.30	-0.16	-0.25
16,027.00	90.87	270.54	8,125.18	34.77	-7,765.05	7,765.00	0.53	0.24	-0.47
16,123.00	91.29	270.11	8,123.37	35.32	-7,861.03	7,860.98	0.63	0.44	-0.45
16,218.00	91.35	269.86	8,121.18	35.29	-7,956.00	7,955.95	0.27	0.06	-0.26
16,262.25	91.29	269.26	8,120.16	34.95	-8,000.24	8,000.19	1.37	-0.15	-1.36
8000'VS Ken Wilson 14&15 122H									
16,314.00	91.21	268.55	8,119.04	33.96	-8,051.97	8,051.90	1.37	-0.15	-1.36
16,410.00	91.26	268.20	8,116.97	31.24	-8,147.91	8,147.80	0.37	0.05	-0.36
16,505.00	91.74	270.31	8,114.48	30.01	-8,242.86	8,242.74	2.28	0.51	2.22
16,601.00	92.13	270.17	8,111.24	30.41	-8,338.80	8,338.68	0.43	0.41	-0.15
16,697.00	92.44	269.89	8,107.41	30.46	-8,434.73	8,434.60	0.43	0.32	-0.29
16,792.00	90.98	270.99	8,104.58	31.19	-8,529.68	8,529.56	1.92	-1.54	1.16
16,887.00	91.01	270.32	8,102.93	32.27	-8,624.66	8,624.54	0.71	0.03	-0.71
16,983.00	91.06	269.82	8,101.19	32.39	-8,720.64	8,720.52	0.52	0.05	-0.52
17,079.00	91.37	270.00	8,099.16	32.24	-8,816.62	8,816.49	0.37	0.32	0.19
17,174.00	91.74	269.23	8,096.58	31.60	-8,911.58	8,911.44	0.90	0.39	-0.81
17,262.44	91.94	269.04	8,093.74	30.26	-8,999.96	8,999.81	0.32	0.23	-0.22
9000'VS Ken Wilson 14&15 122H									
17,270.00	91.96	269.02	8,093.48	30.14	-9,007.52	9,007.36	0.32	0.23	-0.22
17,365.00	91.90	268.57	8,090.28	28.14	-9,102.44	9,102.26	0.48	-0.06	-0.47
17,461.00	92.13	267.99	8,086.90	25.26	-9,198.34	9,198.13	0.65	0.24	-0.60
17,556.00	91.37	271.05	8,084.00	24.46	-9,293.28	9,293.05	3.32	-0.80	3.22
17,652.00	91.85	271.18	8,081.31	26.33	-9,389.23	9,389.01	0.52	0.50	0.14
17,747.00	92.35	271.10	8,077.82	28.22	-9,484.14	9,483.94	0.53	0.53	-0.08
17,842.00	92.94	271.31	8,073.44	30.22	-9,579.02	9,578.84	0.66	0.62	0.22
17,938.00	90.56	272.58	8,070.51	33.47	-9,674.91	9,674.75	2.81	-2.48	1.32
18,033.00	90.98	272.62	8,069.23	37.78	-9,769.80	9,769.69	0.44	0.44	0.04
18,129.00	91.54	272.41	8,067.12	41.99	-9,865.69	9,865.61	0.62	0.58	-0.22
18,224.00	91.96	272.21	8,064.22	45.82	-9,960.57	9,960.52	0.49	0.44	-0.21
18,263.63	91.25	272.30	8,063.11	47.38	-10,000.15	10,000.12	1.80	-1.78	0.23
10000'VS Ken Wilson 14&15 122H									
18,320.00	90.25	272.43	8,062.37	49.71	-10,056.47	10,056.45	1.80	-1.78	0.23
18,415.00	90.73	271.97	8,061.56	53.35	-10,151.39	10,151.41	0.70	0.51	-0.48
18,511.00	91.23	271.67	8,059.91	56.40	-10,247.33	10,247.38	0.61	0.52	-0.31
18,557.00	91.48	271.99	8,058.83	57.87	-10,293.29	10,293.35	0.88	0.54	0.70
Last Survey 18557.00 MD / 8058.83 TVD									
18,569.90	91.48	271.99	8,058.49	58.32	-10,306.18	10,306.24	0.00	0.00	0.00
LTP 18569.90 MD / 8058.49 TVD									
18,571.17	91.48	271.99	8,058.46	58.36	-10,307.45	10,307.51	0.00	0.00	0.00
Ken Wilson 14&15 122H LTP									
18,611.18	91.48	271.99	8,057.43	59.75	-10,347.42	10,347.49	0.00	0.00	0.00

Legacy Directional Survey Report

Company:	Matador Resources Company	Local Co-ordinate Reference:	Well Ken Wilson 14&15 122H
Project:	Eddy County, New Mexico (NAD27)	TVD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Site:	Ken Wilson 14&15	MD Reference:	GL: 2966' + 28.5' KB @ 2994.50usft
Well:	Ken Wilson 14&15 122H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Ken Wilson 14&15 122H BHL									
18,620.00	91.48	271.99	8,057.20	60.06	-10,356.23	10,356.31	0.00	0.00	0.00
PTB 18620.00 MD / 8057.20 TVD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,803.50	7,787.39	-6.86	226.49	FTP 7803.50 MD / 7787.39 TVD
18,557.00	8,058.83	57.87	-10,293.29	Last Survey 18557.00 MD / 8058.83 TVD
18,569.90	8,058.49	58.32	-10,306.18	LTP 18569.90 MD / 8058.49 TVD
18,620.00	8,057.20	60.06	-10,356.23	PTB 18620.00 MD / 8057.20 TVD

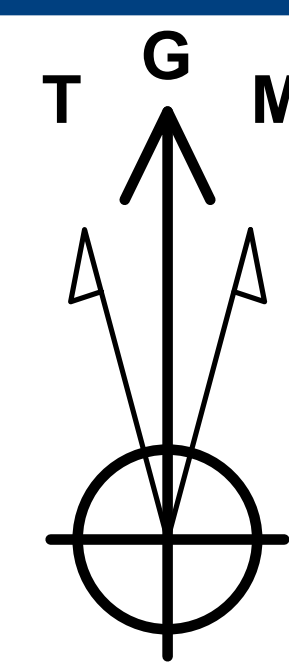
Checked By: _____	Approved By: _____	Date: _____
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Rig: Patterson 256

Company: Matador Resources Company
Field: Eddy County, New Mexico (NAD27)
Location: Ken Wilson 14&15
Well: Ken Wilson 14&15 122H
Wellbore: OH
Plan: Plan 5
GL: GL: 2966' + 28.5' KB @ 2994.50usft

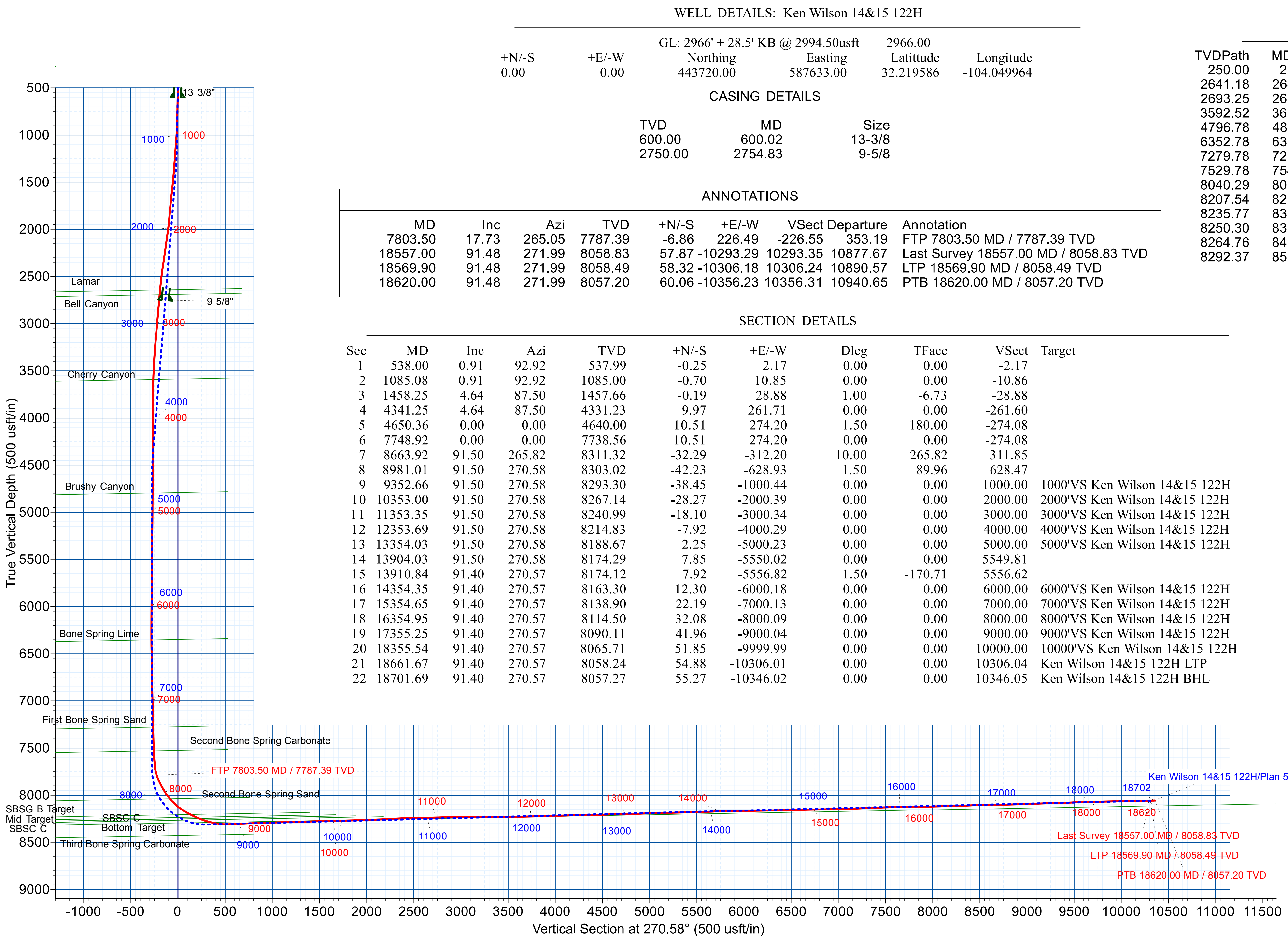
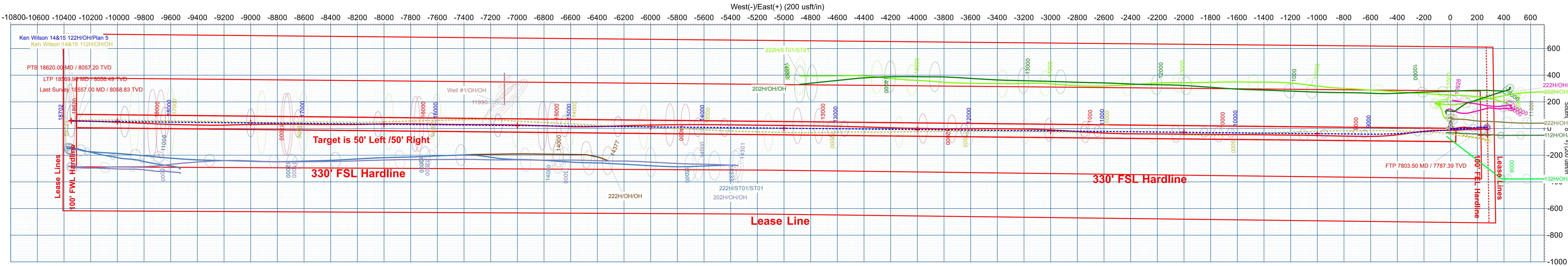
PROJECT DETAILS: Eddy County, New Mexico (NAD27)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level



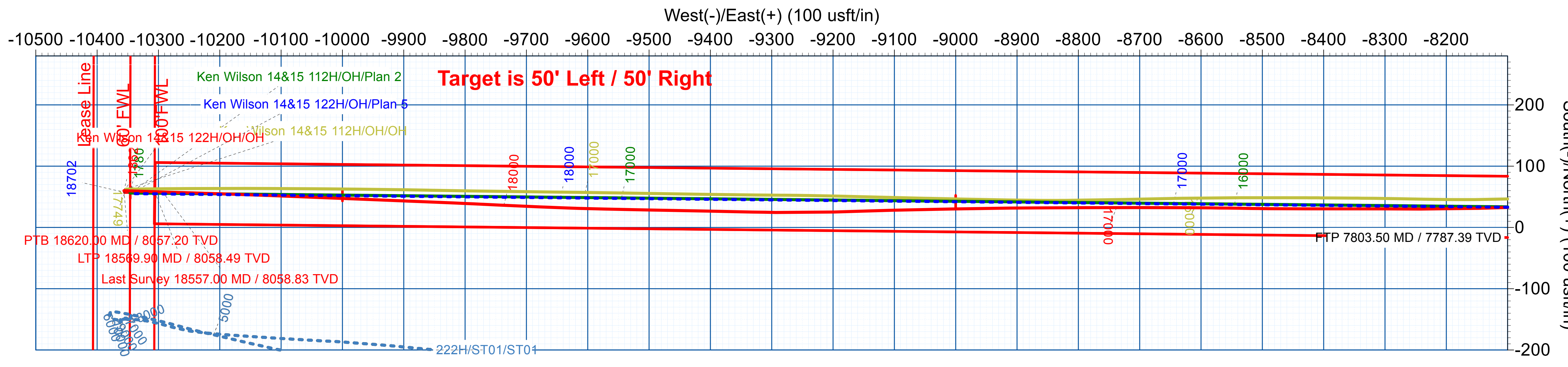
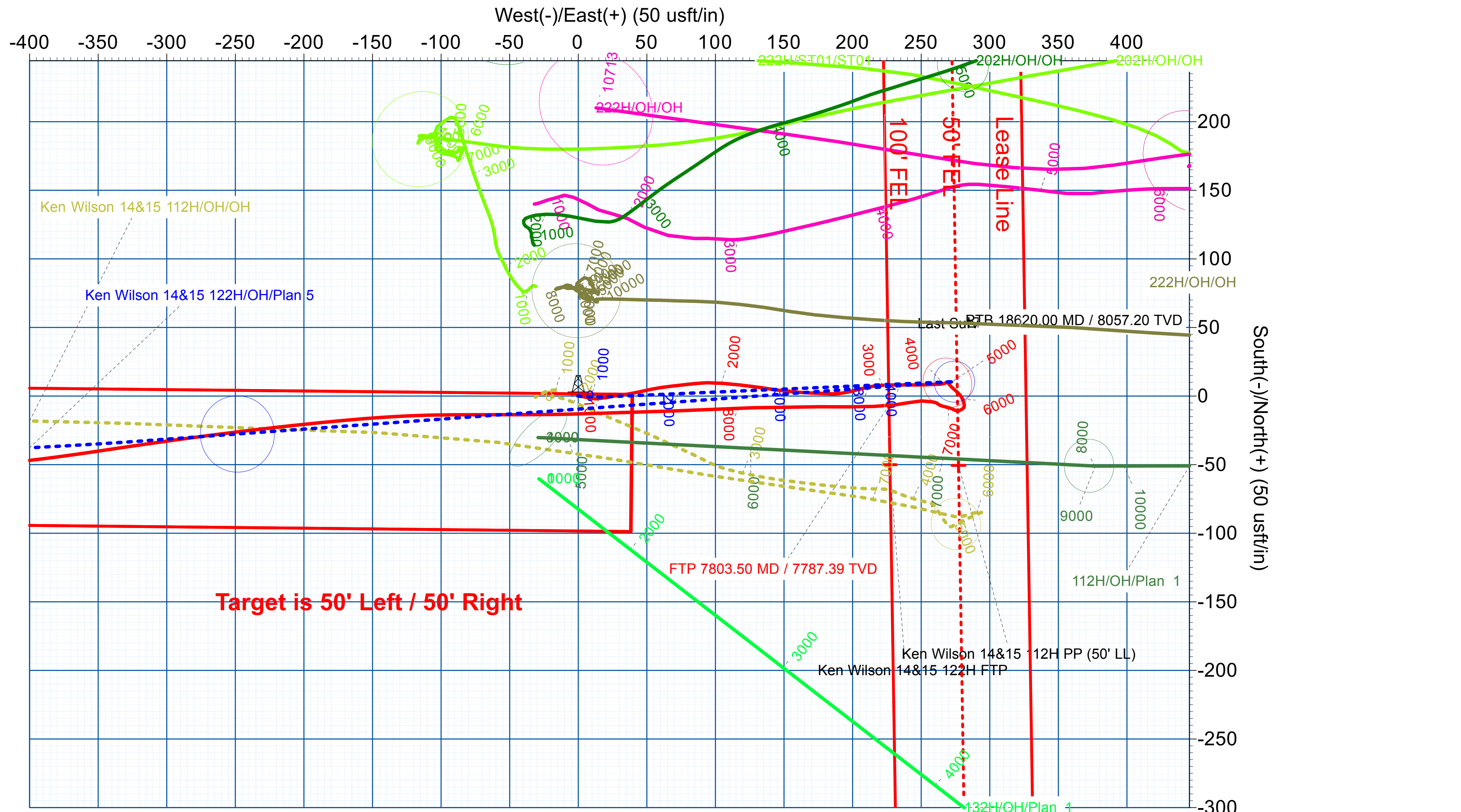
Azimuths to Grid North
True North: -0.15°
Magnetic North: 6.56°
Magnetic Field
Strength: 47397.3nT
Dip Angle: 59.81°
Date: 12/1/2021
Model: IGRF2020



To convert a Magnetic Direction to a Grid Direction, Add 6.56°



Hardlines:
100' FWL / FEL
330' FNL / FSL
Target Box:
50' L/R



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

ACKNOWLEDGMENTS

Action 99830

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 99830
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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Santa Fe, NM 87505

CONDITIONS

Action 99830

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 99830
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 7/23/2022	5/4/2022