

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 CROSS TIMBERS ENERGY, LLC 400 W 7TH ST, FORT WORTH, TX 76102		² OGRID Number 298299
		³ Reason for Filing Code/ Effective Date NW/ 03/13/2023
⁴ API Number 30 - 0 25-50725	⁵ Pool Name VACUUM; ABO, NORTH	⁶ Pool Code 61760
⁷ Property Code 312479	⁸ Property Name NORTH VACUUM ABO UNIT	⁹ Well Number 306

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
E	26	17S	34 E		2394	N	143	W	LEA

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
L	26	17S	34E		2602	S	34	W	LEA
¹² Lse Code S	¹³ Producing Method Code	¹⁴ Gas Connection Date	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
248749	DCP MIDSTREAM, LP 370 17TH ST, SUITE 2500, DENVER, CO 80202	G
34019	PHILLIPS 66 COMPANY 916 ADAMS BLDG, BARTLESVILLE, OK 74004	O

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
11/04/2022	02/10/2023	9132'	8868'	8537-8614 8662-8728	
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement	
12 1/4"		9 5/8"	1575'	575 sx 15/85 POZ & 176 sx Class C	
8 3/4"		5 1/2"	9087'	2373 sx	
		2 7/8"	8767'		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
02/10/2023	02/10/2023	03/13/2023	24 hrs	50	50
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
NA	20	145	15	PUMPING	

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: *Connie Blaylock*
Printed name: Connie Blaylock
Title: Regulatory Analyst
E-mail Address: cblaylock@mspartners.com
Date: 04/19/2023
Phone: 817-334-7882

OIL CONSERVATION DIVISION
Approved by: *PATRICIA MARTINEZ*
Title: *PETROLEUM SPECIALIST*
Approval Date: *6/1/2023*

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, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS DRILLED

API Number 30-025-50725	Pool Code .61760	Pool Name VACUUM; ABO, NORTH
Property Code 312479	Property Name NORTH VACUUM ABO UNIT	Well Number 306
OGRID No. 298299	Operator Name CROSS TIMBERS ENERGY, LLC	Elevation 4034'

Surface Location

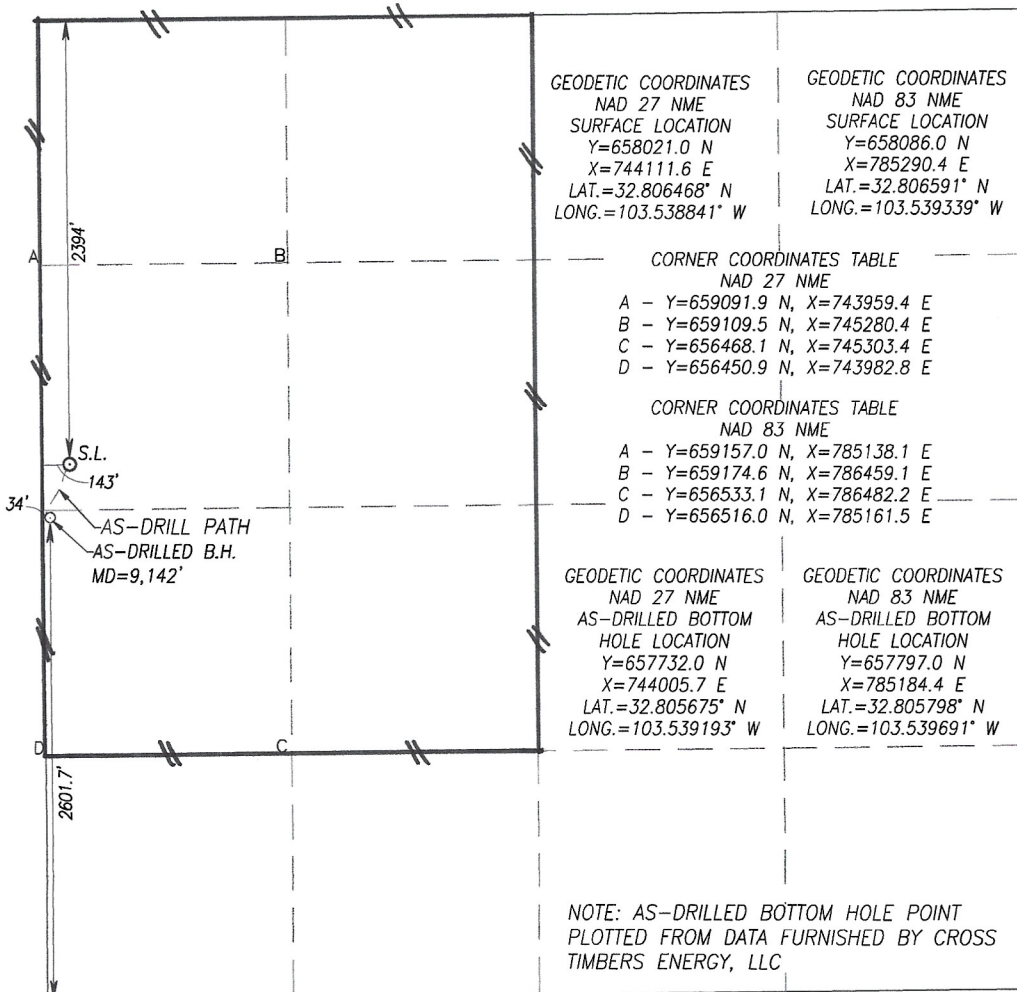
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	17-S	34-E		2394	NORTH	143	WEST	LEA

As-Drilled Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	17-S	34-E		2601.7	SOUTH	34	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Connie Blaylock 1/12/2023
Signature Date

CONNIE BLAYLOCK
Printed Name

cblaylock@mspartners.com
E-mail Address

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.

Date of Survey 01/12/2023
Signature Seal of Professional Surveyor

Gary G. Eidson 01/12/2023
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK REL. W.O.:22110319 JWSC W.O.: 23.13.0002

Cross Timbers Energy

Lea County, NM

NVAU #306

NVAU #306

OH

Design: OH

Standard Survey Report

18 November, 2022

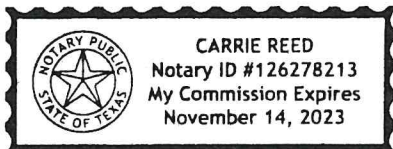
This survey is correct to the best of my knowledge and is supported by actual field data.

CST

Notarized this date 18th of November, 2022.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Survey Report

Company:	Cross Timbers Energy	Local Co-ordinate Reference:	Well NVAU #306
Project:	Lea County, NM	TVD Reference:	GL 4034' + KB 13' @ 4047.00usft
Site:	NVAU #306	MD Reference:	GL 4034' + KB 13' @ 4047.00usft
Well:	NVAU #306	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000

Project	Lea County, NM		
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	NVAU #306		
Site Position:		Northing:	658,021.00 usft
From:	Map	Easting:	744,111.60 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.806468
		Longitude:	-103.538842

Well	NVAU #306					
Well Position	+N/-S	0.00 usft	Northing:	658,021.00 usft	Latitude:	32.806468
	+E/-W	0.00 usft	Easting:	744,111.60 usft	Longitude:	-103.538842
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,034.00 usft
Grid Convergence:		0.43 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2020	10/29/2022	(°)	(°)	(nT)
			6.41	60.39	47,693.66270560

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	
		Tie On Depth:		
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	205.27

Survey Program	Date	11/18/2022		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
0.00	9,142.00	Survey #1 (OH)	MWD	OWSG MWD - Standard

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate	
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.00	0.18	88.60	102.00	0.00	0.16	-0.07	0.18	0.18	0.00	
133.00	0.22	158.31	133.00	-0.05	0.23	-0.05	0.74	0.13	224.87	
311.00	0.28	120.68	311.00	-0.59	0.73	0.22	0.10	0.03	-21.14	
467.00	0.32	116.44	467.00	-0.98	1.45	0.27	0.03	0.03	-2.72	
593.00	0.07	256.81	593.00	-1.15	1.69	0.32	0.30	-0.20	111.40	
720.00	0.41	256.25	719.99	-1.28	1.17	0.66	0.27	0.27	-0.44	
846.00	0.28	282.87	845.99	-1.32	0.43	1.01	0.16	-0.10	21.13	
972.00	0.18	308.20	971.99	-1.13	-0.02	1.03	0.11	-0.08	20.10	
1,099.00	0.41	295.49	1,098.99	-0.81	-0.59	0.98	0.19	0.18	-10.01	

Survey Report

Company:	Cross Timbers Energy	Local Co-ordinate Reference:	Well NVAU#306
Project:	Lea County, NM	TVD Reference:	GL 4034' + KB 13' @ 4047.00usft
Site:	NVAU #306	MD Reference:	GL 4034' + KB 13' @ 4047.00usft
Well:	NVAU #306	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000

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)
1,226.00	0.23	314.42	1,225.99	-0.43	-1.18	0.90	0.16	-0.14	14.91
1,353.00	0.21	305.03	1,352.99	-0.12	-1.55	0.77	0.03	-0.02	-7.39
1,479.00	0.26	268.56	1,478.99	0.00	-2.03	0.86	0.12	0.04	-28.94
1,512.00	0.34	248.42	1,511.98	-0.03	-2.19	0.97	0.40	0.24	-61.03
1,639.00	0.43	228.71	1,638.98	-0.49	-2.90	1.68	0.13	0.07	-15.52
1,702.00	0.74	247.34	1,701.98	-0.80	-3.46	2.20	0.57	0.49	29.57
1,765.00	0.69	221.74	1,764.97	-1.24	-4.08	2.86	0.51	-0.08	-40.63
1,829.00	0.95	217.61	1,828.97	-1.95	-4.66	3.75	0.42	0.41	-6.45
1,892.00	1.35	214.47	1,891.95	-2.97	-5.40	4.99	0.64	0.63	-4.98
1,956.00	1.47	215.92	1,955.94	-4.26	-6.31	6.55	0.20	0.19	2.27
2,019.00	1.90	209.63	2,018.91	-5.82	-7.30	8.38	0.74	0.68	-9.98
2,083.00	2.77	209.48	2,082.85	-8.09	-8.59	10.98	1.36	1.36	-0.23
2,146.00	3.32	208.24	2,145.76	-11.02	-10.20	14.32	0.88	0.87	-1.97
2,210.00	4.53	203.86	2,209.61	-14.97	-12.10	18.70	1.95	1.89	-6.84
2,273.00	6.01	200.38	2,272.35	-20.33	-14.25	24.47	2.40	2.35	-5.52
2,336.00	6.41	203.57	2,334.98	-26.65	-16.81	31.27	0.84	0.63	5.06
2,399.00	6.50	203.21	2,397.58	-33.15	-19.62	38.35	0.16	0.14	-0.57
2,462.00	6.83	201.22	2,460.15	-39.92	-22.38	45.65	0.64	0.52	-3.16
2,526.00	7.25	203.53	2,523.67	-47.17	-25.37	53.49	0.79	0.66	3.61
2,588.00	6.82	203.26	2,585.20	-54.14	-28.39	61.07	0.70	-0.69	-0.44
2,652.00	5.40	199.65	2,648.84	-60.47	-30.90	67.87	2.30	-2.22	-5.64
2,715.00	5.48	197.77	2,711.55	-66.12	-32.81	73.80	0.31	0.13	-2.98
2,778.00	5.78	195.18	2,774.25	-72.05	-34.56	79.91	0.62	0.48	-4.11
2,842.00	5.53	194.53	2,837.94	-78.14	-36.18	86.11	0.40	-0.39	-1.02
2,905.00	5.84	198.46	2,900.63	-84.12	-37.96	92.28	0.79	0.49	6.24
2,968.00	5.30	195.07	2,963.33	-89.97	-39.73	98.32	1.00	-0.86	-5.38
3,031.00	4.12	194.42	3,026.12	-94.97	-41.05	103.41	1.87	-1.87	-1.03
3,094.00	3.32	198.76	3,088.98	-98.89	-42.20	107.44	1.35	-1.27	6.89
3,158.00	3.06	193.16	3,152.88	-102.31	-43.18	110.96	0.63	-0.41	-8.75
3,221.00	3.45	198.40	3,215.78	-105.75	-44.17	114.48	0.78	0.62	8.32
3,284.00	3.53	197.91	3,278.67	-109.39	-45.36	118.29	0.14	0.13	-0.78
3,346.00	3.44	199.11	3,340.55	-112.96	-46.56	122.03	0.19	-0.15	1.94
3,410.00	3.39	192.90	3,404.44	-116.62	-47.61	125.79	0.58	-0.08	-9.70
3,473.00	3.85	200.80	3,467.31	-120.42	-48.77	129.71	1.08	0.73	12.54
3,537.00	3.73	209.68	3,531.17	-124.23	-50.57	133.93	0.94	-0.19	13.88
3,600.00	3.57	204.63	3,594.05	-127.80	-52.40	137.94	0.57	-0.25	-8.02
3,663.00	3.91	208.44	3,656.91	-131.47	-54.24	142.04	0.67	0.54	6.05
3,727.00	3.77	210.37	3,720.77	-135.20	-56.34	146.32	0.30	-0.22	3.02
3,790.00	3.84	210.86	3,783.63	-138.80	-58.47	150.48	0.12	0.11	0.78
3,854.00	3.92	206.58	3,847.48	-142.60	-60.55	154.80	0.47	0.13	-6.69
3,917.00	4.10	210.48	3,910.33	-146.46	-62.66	159.20	0.52	0.29	6.19
3,980.00	4.25	209.66	3,973.16	-150.43	-64.95	163.77	0.26	0.24	-1.30
4,044.00	4.19	211.09	4,036.99	-154.50	-67.34	168.46	0.19	-0.09	2.23

Survey Report

Company:	Cross Timbers Energy	Local Co-ordinate Reference:	Well NVAU #306
Project:	Lea County, NM	TVD Reference:	GL 4034' + KB 13' @ 4047.00usft
Site:	NVAU #306	MD Reference:	GL 4034' + KB 13' @ 4047.00usft
Well:	NVAU #306	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000

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)	
4,107.00	4.41	207.09	4,099.81	-158.62	-69.63	173.17	0.59	0.35	-6.35	
4,171.00	4.69	211.40	4,163.61	-163.05	-72.11	178.23	0.69	0.44	6.73	
4,234.00	4.68	212.79	4,226.40	-167.41	-74.84	183.34	0.18	-0.02	2.21	
4,297.00	4.73	210.36	4,289.19	-171.81	-77.55	188.47	0.33	0.08	-3.86	
4,361.00	5.35	210.12	4,352.94	-176.67	-80.38	194.07	0.97	0.97	-0.38	
4,424.00	4.94	213.85	4,415.68	-181.46	-83.36	199.68	0.84	-0.65	5.92	
4,488.00	4.07	214.75	4,479.49	-185.61	-86.19	204.65	1.36	-1.36	1.41	
4,551.00	4.38	212.74	4,542.31	-189.47	-88.77	209.24	0.55	0.49	-3.19	
4,615.00	4.42	216.57	4,606.13	-193.51	-91.56	214.08	0.46	0.06	5.98	
4,678.00	4.54	215.49	4,668.93	-197.49	-94.45	218.91	0.23	0.19	-1.71	
4,742.00	4.64	207.58	4,732.73	-201.85	-97.12	223.99	1.00	0.16	-12.36	
4,804.00	4.81	211.88	4,794.52	-206.28	-99.66	229.08	0.63	0.27	6.94	
4,868.00	5.21	207.62	4,858.27	-211.13	-102.42	234.65	0.85	0.63	-6.66	
4,931.00	4.19	204.89	4,921.06	-215.75	-104.72	239.81	1.66	-1.62	-4.33	
4,995.00	4.05	202.62	4,984.90	-219.96	-106.57	244.40	0.34	-0.22	-3.55	
5,056.00	4.10	206.19	5,045.74	-223.91	-108.36	248.74	0.42	0.08	5.85	
5,120.00	4.47	202.42	5,109.56	-228.26	-110.32	253.52	0.73	0.58	-5.89	
5,183.00	4.69	204.33	5,172.36	-232.88	-112.32	258.54	0.42	0.35	3.03	
5,247.00	5.62	202.48	5,236.10	-238.16	-114.60	264.29	1.48	1.45	-2.89	
5,309.00	5.96	201.20	5,297.79	-243.97	-116.92	270.53	0.59	0.55	-2.06	
5,373.00	5.99	199.90	5,361.44	-250.20	-119.26	277.17	0.22	0.05	-2.03	
5,436.00	4.77	204.46	5,424.16	-255.68	-121.46	283.06	2.05	-1.94	7.24	
5,500.00	3.24	208.53	5,488.00	-259.69	-123.43	287.53	2.43	-2.39	6.36	
5,563.00	2.20	220.35	5,550.93	-262.18	-125.06	290.47	1.87	-1.65	18.76	
5,627.00	2.12	213.16	5,614.89	-264.10	-126.50	292.83	0.44	-0.13	-11.23	
5,690.00	1.27	189.74	5,677.86	-265.77	-127.26	294.66	1.71	-1.35	-37.17	
5,753.00	2.08	141.33	5,740.83	-267.35	-126.66	295.84	2.48	1.29	-76.84	
5,816.00	2.51	131.78	5,803.78	-269.16	-124.92	296.73	0.91	0.68	-15.16	
5,880.00	2.39	114.05	5,867.73	-270.64	-122.66	297.10	1.19	-0.19	-27.70	
5,943.00	3.28	89.39	5,930.65	-271.15	-119.65	296.28	2.37	1.41	-39.14	
6,007.00	3.69	75.84	5,994.53	-270.63	-115.83	294.18	1.43	0.64	-21.17	
6,069.00	3.97	64.78	6,056.39	-269.23	-111.95	291.25	1.27	0.45	-17.84	
6,132.00	4.06	60.20	6,119.24	-267.19	-108.04	287.74	0.53	0.14	-7.27	
6,195.00	3.84	62.15	6,182.09	-265.10	-104.24	284.23	0.41	-0.35	3.10	
6,259.00	3.17	66.27	6,245.97	-263.38	-100.73	281.18	1.12	-1.05	6.44	
6,322.00	2.21	64.35	6,308.90	-262.16	-98.04	278.92	1.53	-1.52	-3.05	
6,378.00	1.99	52.10	6,364.86	-261.09	-96.30	277.21	0.89	-0.39	-21.88	
6,441.00	0.60	257.86	6,427.85	-260.49	-95.76	276.44	4.04	-2.21	-244.83	
6,505.00	0.94	238.30	6,491.85	-260.84	-96.53	277.08	0.66	0.53	-30.56	
6,568.00	0.77	277.06	6,554.84	-261.05	-97.39	277.65	0.94	-0.27	61.52	
6,632.00	0.92	247.82	6,618.83	-261.20	-98.29	278.16	0.70	0.23	-45.69	
6,695.00	0.66	285.91	6,681.83	-261.29	-99.11	278.59	0.91	-0.41	60.46	
6,759.00	0.60	291.53	6,745.82	-261.06	-99.78	278.67	0.13	-0.09	8.78	

Survey Report

Company:	Cross Timbers Energy	Local Co-ordinate Reference:	Well NVAU#306
Project:	Lea County, NM	TVD Reference:	GL 4034' + KB 13' @ 4047.00usft
Site:	NVAU #306	MD Reference:	GL 4034' + KB 13' @ 4047.00usft
Well:	NVAU #306	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000

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)	
6,823.00	0.75	253.22	6,809.82	-261.06	-100.49	278.98	0.73	0.23	-59.86	
6,886.00	0.29	292.90	6,872.82	-261.12	-101.03	279.26	0.89	-0.73	62.98	
6,949.00	0.75	268.36	6,935.81	-261.07	-101.59	279.45	0.80	0.73	-38.95	
7,013.00	0.80	277.45	6,999.81	-261.02	-102.45	279.78	0.21	0.08	14.20	
7,076.00	0.41	275.78	7,062.81	-260.94	-103.11	279.99	0.62	-0.62	-2.65	
7,140.00	0.24	9.96	7,126.80	-260.79	-103.32	279.94	0.77	-0.27	147.16	
7,203.00	0.93	108.20	7,189.80	-260.82	-102.81	279.75	1.58	1.10	155.94	
7,267.00	1.02	106.39	7,253.79	-261.14	-101.77	279.59	0.15	0.14	-2.83	
7,330.00	1.23	101.84	7,316.78	-261.44	-100.57	279.35	0.36	0.33	-7.22	
7,393.00	1.25	85.28	7,379.77	-261.52	-99.22	278.85	0.57	0.03	-26.29	
7,456.00	1.21	80.86	7,442.75	-261.36	-97.88	278.13	0.16	-0.06	-7.02	
7,519.00	1.27	97.75	7,505.74	-261.35	-96.53	277.54	0.59	0.10	26.81	
7,581.00	0.63	40.87	7,567.73	-261.18	-95.63	277.01	1.72	-1.03	-91.74	
7,644.00	0.66	345.76	7,630.73	-260.57	-95.49	276.40	0.95	0.05	-87.48	
7,706.00	0.79	16.61	7,692.72	-259.81	-95.46	275.70	0.65	0.21	49.76	
7,768.00	1.12	1.93	7,754.71	-258.80	-95.31	274.72	0.66	0.53	-23.68	
7,830.00	0.89	18.25	7,816.70	-257.73	-95.14	273.68	0.59	-0.37	26.32	
7,893.00	0.73	284.40	7,879.70	-257.17	-95.38	273.27	1.89	-0.25	-148.97	
7,956.00	1.38	251.42	7,942.69	-257.31	-96.49	273.88	1.37	1.03	-52.35	
8,019.00	2.52	248.48	8,005.65	-258.06	-98.49	275.41	1.82	1.81	-4.67	
8,082.00	3.19	241.05	8,068.57	-259.42	-101.32	277.84	1.21	1.06	-11.79	
8,112.00	3.02	241.27	8,098.53	-260.20	-102.74	279.16	0.57	-0.57	0.73	
8,175.00	2.64	213.95	8,161.45	-262.20	-105.00	281.94	2.20	-0.60	-43.37	
8,238.00	2.69	200.99	8,224.39	-264.79	-106.34	284.84	0.96	0.08	-20.57	
8,301.00	2.26	194.29	8,287.33	-267.37	-107.18	287.54	0.82	-0.68	-10.63	
8,365.00	1.42	181.83	8,351.29	-269.39	-107.52	289.50	1.45	-1.31	-19.47	
8,428.00	1.45	181.91	8,414.27	-270.96	-107.57	290.95	0.05	0.05	0.13	
8,492.00	1.47	179.23	8,478.25	-272.59	-107.58	292.43	0.11	0.03	-4.19	
8,554.00	1.49	180.35	8,540.23	-274.19	-107.58	293.88	0.06	0.03	1.81	
8,617.00	1.56	180.54	8,603.21	-275.87	-107.59	295.40	0.11	0.11	0.30	
8,680.00	1.56	178.18	8,666.19	-277.58	-107.57	296.94	0.10	0.00	-3.75	
8,743.00	1.49	175.69	8,729.17	-279.26	-107.48	298.42	0.15	-0.11	-3.95	
8,806.00	1.48	174.83	8,792.14	-280.89	-107.35	299.83	0.04	-0.02	-1.37	
8,869.00	1.37	173.86	8,855.12	-282.44	-107.20	301.18	0.18	-0.17	-1.54	
8,933.00	1.42	172.87	8,919.11	-283.99	-107.02	302.50	0.09	0.08	-1.55	
8,996.00	1.39	171.36	8,982.09	-285.52	-106.80	303.79	0.08	-0.05	-2.40	
9,059.00	1.42	165.28	9,045.07	-287.03	-106.49	305.02	0.24	0.05	-9.65	
9,072.00	1.48	165.54	9,058.06	-287.35	-106.41	305.28	0.46	0.46	2.00	
9,142.00	1.48	165.54	9,128.04	-289.10	-105.96	306.67	0.00	0.00	0.00	
PTB 9142.00' MD/9128.04' TVD										

Survey Report

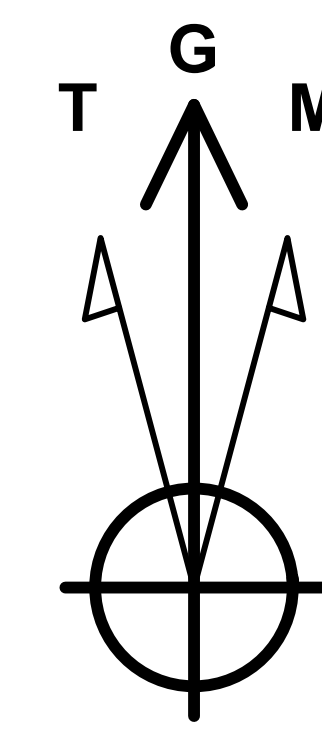
Company:	Cross Timbers Energy	Local Co-ordinate Reference:	Well NVAU#306
Project:	Lea County, NM	TVD Reference:	GL 4034' + KB 13' @ 4047.00usft
Site:	NVAU #306	MD Reference:	GL 4034' + KB 13' @ 4047.00usft
Well:	NVAU #306	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,142.00	9,128.04	-289.10	-105.96	PTB 9142.00' MD/9128.04' TVD

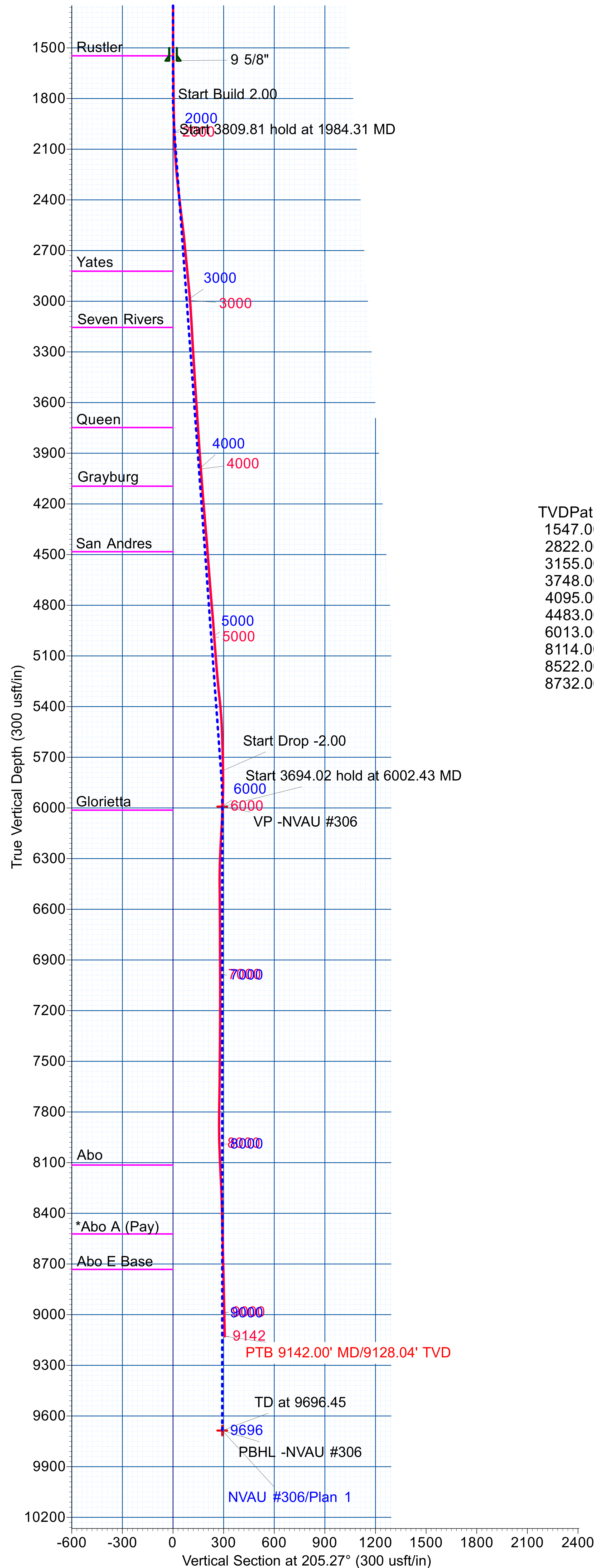
Checked By: _____	Approved By: _____	Date: _____
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Cross Timbers Energy

Company: Cross Timbers Energy
 Field: Lea County, NM
 Location: NVAU #306
 Well: NVAU #306
 Wellbore: OH
 Plan: Plan 1
 GL: GL 4034' + KB 13' @ 4047.00usft



Azimuths to Grid North
 True North: -0.43°
 Magnetic North: 5.98°
 Magnetic Field
 Strength: 47693.7nT
 Dip Angle: 60.39°
 Date: 10/29/2022
 Model: IGRF2020



Norton 7

PROJECT DETAILS: Lea County, NM
 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

TVDPPath	MDPath	Formation	DipAngle	DipDir
1547.00	1547.00	Rustler		
2822.00	2824.41	Yates		
3155.00	3158.29	Seven Rivers		
3748.00	3752.87	Queen		
4095.00	4100.79	Grayburg		
4483.00	4489.82	San Andres		
6013.00	6023.45	Glorietta		
8114.00	8124.45	Abo		
8522.00	8532.45	*Abo A (Pay)		
8732.00	8742.45	Abo E Base		

FORMATION TOP DETAILS

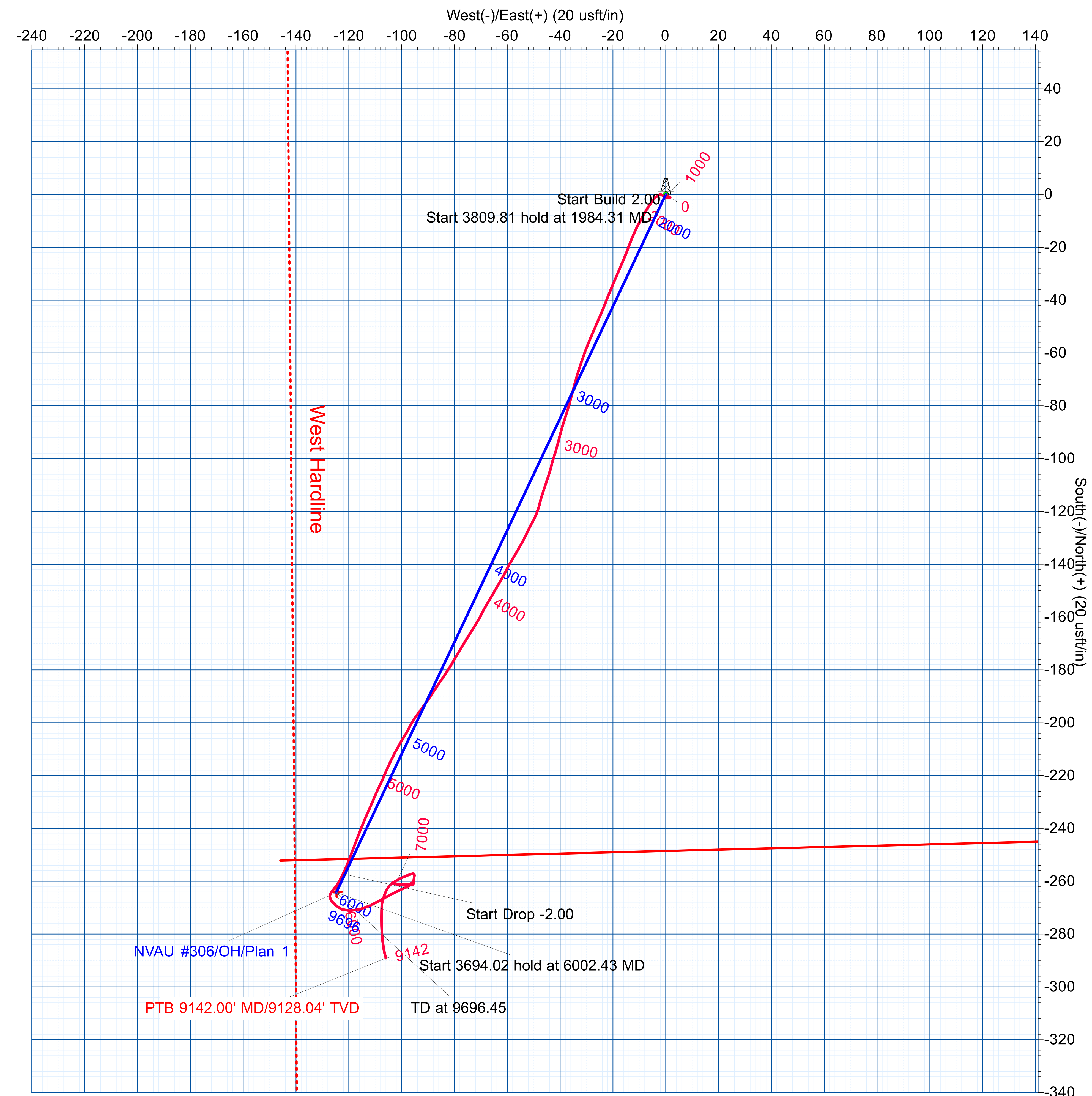
To convert a Magnetic Direction to a Grid Direction, Add 5.98°

WELL DETAILS: NVAU #306

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	658021.00	744111.60	32.806468	-103.538841	

SECTION DETAILS: OH

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1776.00	0.00	0.00	1776.00	0.00	0.00	0.00	0.00	0.00
1984.31	4.17	205.27	1984.13	-6.85	-3.23	2.00	205.27	7.58
5794.12	4.17	205.27	5783.85	-257.38	-121.50	0.00	0.00	284.61
6002.43	0.00	0.00	5991.98	-264.23	-124.73	2.00	180.00	292.19
9696.45	0.00	0.00	9686.00	-264.23	-124.73	0.00	0.00	292.19



Submit a Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-50725
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name NORTH VACUUM ABO UNIT
8. Well Number 306
9. OGRID Number 330132
10. Pool name or Wildcat VACUUM; ABO, NORTH
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4034 GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [X] Gas Well [] Other []
2. Name of Operator CROSS TIMBERS ENERGY, LLC
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102
4. Well Location Unit Letter E : 2394 feet from the N line and 143 feet from the W line
Section 26 Township Range NMPM County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4034 GL

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

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

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cross Timbers Energy, LLC Initial Completion of the NVAU 306:
12/20/2022 MIRU.
12/21/2022 Drilled out DV tools.
01/05/2023 Ran MIT Casing - successful.
01/10 - 01/11/2023 Perf'd 8662' - 8728', 1 SPF, 20 shots. Perf'd 8537' - 8614'.
01/13/2023 Acidized perfs w/2000 gals 15% NEFE HCl, frac'd w/4056 bbls and 121,000 # sand.
01/24/2023 RIH w/2 7/8 production tbg @ 8767'. RIH w/rods and insert rod pump.
02/01/2023 RDMO.

SPUD 11/4/2022; TD @ 9132'; PBTD @ 8868'

Spud Date: 11/04/2022

Rig Release Date:

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

SIGNATURE Connie Blaylock TITLE REGULATORY ANALYST DATE 04/21/2023

Type or print name CONNIE BLAYLOCK E-mail address: cblaylock@mspartner.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised April 3, 2017
		1. WELL API NO. <p style="text-align: right;">30-025-50725</p>
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN
		3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)	5. Lease Name or Unit Agreement Name <p style="text-align: center;">NORTH VACUUM ABO UNIT</p> 6. Well Number: <p style="text-align: center;">306</p>									
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator <p style="text-align: center;">CROSS TIMBERS ENERGY, LLC</p>										
9. OGRID <p style="text-align: center;">298299</p>										
10. Address of Operator <p style="text-align: center;">400 W 7TH ST, FORT WORTH, TX 76102</p>										
11. Pool name or Wildcat <p style="text-align: center;">VACUUM; ABO, NORTH</p>										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	26	17S	34E		2394	N	143	W	LEA
BH:	L	26	17S	34E		2602	S	34	W	LEA
13. Date Spudded 11/04/2022	14. Date T.D. Reached 11/17/2022	15. Date Rig Released 11/20/2022		16. Date Completed (Ready to Produce) 02/10/2023			17. Elevations (DF and RKB, RT, GR, etc.) 4034 GL			
18. Total Measured Depth of Well 9132		19. Plug Back Measured Depth 8868		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run			
22. Producing Interval(s), of this completion - Top, Bottom, Name 8537-8614, ABO / 8662-8728, ABO										

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36#	1575	12 1/4	575 SX 15/85 POZ & 176 SX C	98 SX CIRC
5 1/2	20#	9087	8 3/4	2373 SX	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	8767	

26. Perforation record (interval, size, and number) 8537-8614 1 SPF, 20 PERFS 8662-8728 1 SPF, 20 PERFS	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8537-8614, 8662-8728	1 SPF @ 40 SHOTS TOTAL; ACIDIZED w/2000 GALS 15% HCL; FRAC'D w/4056 BBLS and 121,000 # SAND

28. PRODUCTION

Date First Production 02/10/2023		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) PUMPING				Well Status (<i>Prod. or Shut-in</i>) PRODUCING	
Date of Test 03/13/2023	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 20	Gas - MCF 15	Water - Bbl. 145	Gas - Oil Ratio 750
Flow Tubing Press. 50	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl. 20	Gas - MCF 15	Water - Bbl. 145	Oil Gravity - API - (<i>Corr.</i>) 37.4	

29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD	30. Test Witnessed By
---	-----------------------

31. List Attachments
 C-104, C-102, DIR SURVEY, WBD, C-103 COMPLETION SUNDRY

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.	33. Rig Release Date: 02/01/2023
--	-------------------------------------

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
 Latitude _____ Longitude _____ NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Connie Blaylock* Printed Name CONNIE BLAYLOCK Title REGULATORY ANALYST Date 04/21/2023

E-mail Address cblaylock@txoenergy.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 2810	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3143	T. Devonian	T. Cliff House	T. Leadville
T. Queen 3736	T. Silurian	T. Menefee	T. Madison
T. Grayburg 4083	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 4475	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 6036	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 6162	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb 7427	T. Delaware Sand	T. Morrison	
T. Drinkard 7705	T. Bone Springs	T. Todilto	
T. Abo 8102	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

Location: 2,394' FNL & 143' FWL Sec: 26
 County: Lea State: NM

Township: 17S Range: 34E
 API: 30-025-50725

CURRENT - 02 06 2023

Surface Csg

Size: 9-5/8"
 Wt & Thrd: 36#
 Grade: K-55
 Set @: 1,575'
 575sx 15/85 POZ &
 Sx Cmt: 176sx Class C
 Circ: Circ 98 sx to sfc
 TOC: SFC

DV Tool @ 1,482'

KB: 4,047'
 GL: 4,034'
 Spud Date: 11/4/2022

DV Tool @ 4,604'

Tubing (1/24/23):

259 jts 2-7/8" tbg
 TAC @ 8,407'
 8 jts tbg
 1 jt IPC
 SN @ 8701'
 Perf Sub
 PBGA (EOT @ 8,767')

Rods (1/24/23):

(139) 7/8" rods
 (196) 3/4" rods
 (12) 1-1/2" sinker bars
 Stabil
 RHBO
 25x175xRHBCx24x5

Production Casing

Size: 5-1/2"
 Wt & Thrd: 20#
 Grade: L-80
 Set @: 9,087'
 DV #1 @: 1,482'
 DV #2 @: 4,604'
 Sx Cmt: 2 stages: 2,373 sx
 Circ: Yes
 TOC: surface

Abo Perfs (2023):

8,537' - 8,614' (20 perfs)
 8,662' - 8,728' (20 perfs)

Drift ID: 4.653"
 Burst: 9,190 psi
 Collapse: 8,830 psi

PBTD: 8,868'
 TD: 9,132'

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 222664

ACKNOWLEDGMENTS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 222664
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 222664

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 222664
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/1/2023