

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 RT / 12-14-2022
⁴ API Number 30 - 0 25-50726	⁵ Pool Name VACUUM; ABO, NORTH	
		⁶ Pool Code 61760
⁷ Property Code 312479	⁸ Property Name NORTH VACUUM ABO UNIT	
		⁹ Well Number 312

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	34E		2629	N	1314	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
¹² Lse Code	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, BARLESVILLE, OK 74004	O

IV. Well Completion Data

²¹ Spud Date 10/15/2022	²² Ready Date 12/14/2022	²³ TD 8880'	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625		1579'	380 sx 15/85 POZ 176 sx Class C
8.75		5.5		8870'	2099

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: Connie Blaylock			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: cblaylock@mspartners.com			Approval Date: 1/9/2023		
Date: 12/14/2022		Phone: 817-334-7882	RT EXPIRES 3/14/2023		

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 2022

API Number 30-025-50726	Pool Code 61760	Pool Name VACUUM; ABO, NORTH
Property Code 312479	Property Name NORTH VACUUM ABO UNIT	Well Number 312
OGRID No. 298299	Operator Name CROSS TIMBERS ENERGY, LLC	Elevation 4029'

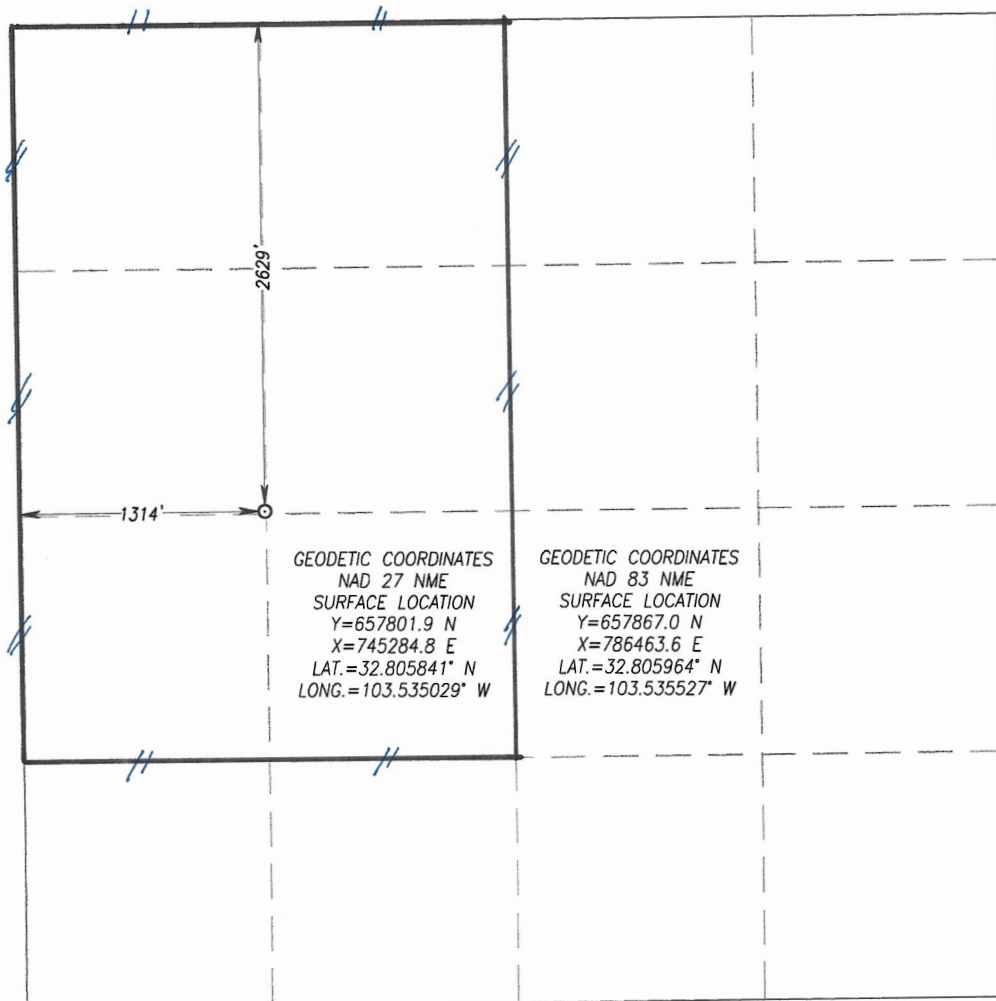
Surface Location

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	E	2629	NORTH	1314	WEST	LEA

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
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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 11/9/2022
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 08/17/2022
Signature Seal of Professional Surveyor 3239

Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK JWSC W.O.: 22.11.0320



Cross Timber Energy, LLC

Lea County, NM

NVAU #312

NVAU #312

Wellbore #1

Survey: As Drilled

Survey Report - Geographic

29 October, 2022



Survey Report - Geographic

Company:	Cross Timber Energy, LLC	Local Co-ordinate Reference:	Well NVAU #312
Project:	Lea County, NM	TVD Reference:	KB @ 4042.00usft (Norton 7)
Site:	NVAU #312	MD Reference:	KB @ 4042.00usft (Norton 7)
Well:	NVAU #312	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000.15 Single User Db

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 #312			
Site Position:		Northing:		657,801.90 usft	
From:		Easting:		745,284.80 usft	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
Map		13-3/16 "		32.80584119	
0.00 usft				-103.53502861	
				0.43 °	

Well	NVAU #312					
Well Position	+N/-S	0.00 usft	Northing:	657,801.90 usft	Latitude:	32.80584119
	+E/-W	0.00 usft	Easting:	745,284.80 usft	Longitude:	-103.53502861
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,029.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	10/13/2022	6.42	60.39	47,697.75331925

Design	As Drilled				
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	142.05	

Survey Program	Date	10/29/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
62.00	8,880.00	As Drilled (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	657,801.90	745,284.80	32.80584119	-103.53502861
62.00	0.22	36.04	62.00	0.10	0.07	657,802.00	745,284.87	32.80584145	-103.53502838
182.00	0.40	211.30	182.00	-0.08	-0.01	657,801.83	745,284.78	32.80584098	-103.53502866
299.00	0.20	185.10	299.00	-0.63	-0.24	657,801.28	745,284.55	32.80583947	-103.53502942
392.00	0.60	206.30	392.00	-1.23	-0.47	657,800.68	745,284.32	32.80583783	-103.53503018
583.00	0.40	261.20	582.99	-2.22	-1.57	657,799.68	745,283.22	32.80583511	-103.53503379
709.00	0.40	243.50	708.99	-2.49	-2.40	657,799.42	745,282.39	32.80583440	-103.53503649
835.00	0.40	178.10	834.98	-3.12	-2.78	657,798.78	745,282.01	32.80583266	-103.53503774
961.00	0.30	178.90	960.98	-3.89	-2.76	657,798.01	745,282.04	32.80583054	-103.53503769
1,088.00	0.40	173.80	1,087.98	-4.67	-2.71	657,797.24	745,282.09	32.80582842	-103.53503754
1,215.00	0.20	147.00	1,214.98	-5.29	-2.54	657,796.61	745,282.26	32.80582669	-103.53503700
1,342.00	0.70	140.30	1,341.97	-6.08	-1.92	657,795.83	745,282.87	32.80582453	-103.53503502



Survey Report - Geographic

Company:	Cross Timber Energy, LLC	Local Co-ordinate Reference:	Well NVAU #312
Project:	Lea County, NM	TVD Reference:	KB @ 4042.00usft (Norton 7)
Site:	NVAU #312	MD Reference:	KB @ 4042.00usft (Norton 7)
Well:	NVAU #312	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,469.00	0.90	123.10	1,468.96	-7.22	-0.59	657,794.69	745,284.21	32.80582136	-103.53503071
1,533.00	0.70	99.50	1,532.95	-7.56	0.22	657,794.35	745,285.01	32.80582041	-103.53502810
1,596.00	0.70	110.40	1,595.95	-7.75	0.96	657,794.15	745,285.75	32.80581986	-103.53502569
1,723.00	0.60	103.50	1,722.94	-8.18	2.33	657,793.73	745,287.13	32.80581866	-103.53502123
1,850.00	0.60	108.90	1,849.93	-8.55	3.61	657,793.35	745,288.40	32.80581761	-103.53501709
1,977.00	1.00	103.20	1,976.92	-9.02	5.31	657,792.89	745,290.11	32.80581629	-103.53501154
2,103.00	1.50	105.80	2,102.89	-9.72	7.97	657,792.19	745,292.77	32.80581431	-103.53500291
2,230.00	2.00	138.60	2,229.83	-11.83	11.04	657,790.07	745,295.83	32.80580843	-103.53499299
2,357.00	1.40	126.70	2,356.78	-14.42	13.75	657,787.48	745,298.54	32.80580126	-103.53498424
2,483.00	1.40	116.60	2,482.74	-16.03	16.36	657,785.87	745,301.15	32.80579678	-103.53497578
2,609.00	1.40	100.20	2,608.70	-16.99	19.25	657,784.91	745,304.04	32.80579408	-103.53496639
2,736.00	1.60	54.40	2,735.66	-16.24	22.22	657,785.67	745,307.01	32.80579610	-103.53495672
2,863.00	1.60	357.50	2,862.62	-13.43	23.58	657,788.47	745,308.38	32.80580378	-103.53495221
2,990.00	1.20	352.60	2,989.58	-10.34	23.33	657,791.56	745,308.13	32.80581228	-103.53495294
3,116.00	1.10	351.00	3,115.56	-7.84	22.97	657,794.06	745,307.77	32.80581916	-103.53495405
3,234.00	1.10	336.40	3,233.54	-5.68	22.34	657,796.22	745,307.14	32.80582510	-103.53495605
3,369.00	0.80	318.30	3,368.52	-3.79	21.20	657,798.11	745,305.99	32.80583032	-103.53495973
3,496.00	0.30	284.20	3,495.51	-3.05	20.28	657,798.86	745,305.08	32.80583239	-103.53496268
3,623.00	0.30	242.90	3,622.51	-3.12	19.67	657,798.79	745,304.46	32.80583221	-103.53496469
3,749.00	0.80	201.00	3,748.51	-4.09	19.06	657,797.81	745,303.85	32.80582955	-103.53496670
3,876.00	0.80	196.40	3,875.49	-5.77	18.49	657,796.14	745,303.29	32.80582495	-103.53496859
4,003.00	1.20	171.70	4,002.47	-7.93	18.43	657,793.97	745,303.23	32.80581900	-103.53496883
4,130.00	1.50	178.20	4,129.44	-10.91	18.67	657,790.99	745,303.47	32.80581081	-103.53496811
4,257.00	1.60	176.50	4,256.39	-14.34	18.84	657,787.56	745,303.63	32.80580137	-103.53496767
4,384.00	1.40	187.40	4,383.35	-17.65	18.74	657,784.25	745,303.54	32.80579228	-103.53496805
4,511.00	1.60	174.70	4,510.31	-20.96	18.71	657,780.95	745,303.50	32.80578320	-103.53496825
4,636.00	1.00	204.50	4,635.27	-23.69	18.42	657,778.22	745,303.21	32.80577571	-103.53496926
4,762.00	1.20	282.10	4,761.26	-24.41	16.67	657,777.49	745,301.47	32.80577375	-103.53497496
4,889.00	0.80	283.20	4,888.24	-23.93	14.51	657,777.98	745,299.30	32.80577512	-103.53498199
5,016.00	0.60	286.40	5,015.23	-23.54	13.01	657,778.37	745,297.80	32.80577622	-103.53498687
5,143.00	0.70	301.30	5,142.22	-22.95	11.70	657,778.96	745,296.50	32.80577787	-103.53499109
5,270.00	0.60	290.70	5,269.21	-22.31	10.42	657,779.60	745,295.22	32.80577965	-103.53499525
5,397.00	0.70	280.40	5,396.20	-21.93	9.03	657,779.97	745,293.83	32.80578071	-103.53499975
5,523.00	0.90	288.00	5,522.19	-21.49	7.34	657,780.41	745,292.13	32.80578197	-103.53500527
5,649.00	1.00	303.30	5,648.17	-20.58	5.48	657,781.32	745,290.27	32.80578451	-103.53501130
5,775.00	0.90	316.50	5,774.16	-19.26	3.88	657,782.65	745,288.67	32.80578817	-103.53501647
5,902.00	0.80	317.60	5,901.14	-17.88	2.59	657,784.02	745,287.39	32.80579199	-103.53502062
6,029.00	0.80	342.10	6,028.13	-16.38	1.72	657,785.52	745,286.52	32.80579613	-103.53502341
6,156.00	0.70	314.60	6,155.12	-14.99	0.90	657,786.91	745,285.69	32.80579996	-103.53502606
6,282.00	0.80	339.80	6,281.11	-13.63	0.05	657,788.28	745,284.84	32.80580373	-103.53502880
6,409.00	0.90	332.40	6,408.10	-11.91	-0.72	657,789.99	745,284.07	32.80580846	-103.53503126
6,536.00	0.90	345.60	6,535.08	-10.06	-1.43	657,791.84	745,283.36	32.80581356	-103.53503353
6,663.00	0.90	343.60	6,662.07	-8.14	-1.96	657,793.77	745,282.83	32.80581886	-103.53503520
6,790.00	0.60	332.10	6,789.05	-6.59	-2.56	657,795.31	745,282.24	32.80582312	-103.53503709
6,916.00	0.60	337.40	6,915.05	-5.40	-3.12	657,796.50	745,281.68	32.80582640	-103.53503889
7,042.00	0.60	348.10	7,041.04	-4.15	-3.51	657,797.76	745,281.29	32.80582986	-103.53504013
7,169.00	0.40	331.50	7,168.04	-3.11	-3.86	657,798.80	745,280.94	32.80583273	-103.53504124
7,295.00	0.50	330.00	7,294.03	-2.24	-4.34	657,799.66	745,280.46	32.80583511	-103.53504280
7,422.00	0.40	335.40	7,421.03	-1.36	-4.80	657,800.54	745,279.99	32.80583754	-103.53504428
7,603.00	0.30	318.60	7,602.02	-0.43	-5.38	657,801.47	745,279.42	32.80584011	-103.53504613
7,730.00	0.20	321.30	7,729.02	-0.01	-5.74	657,801.90	745,279.06	32.80584128	-103.53504729
7,856.00	0.10	350.90	7,855.02	0.27	-5.89	657,802.18	745,278.90	32.80584205	-103.53504778
7,981.00	0.10	91.20	7,980.02	0.38	-5.80	657,802.28	745,279.00	32.80584234	-103.53504748
8,107.00	0.40	132.40	8,106.02	0.08	-5.37	657,801.98	745,279.43	32.80584151	-103.53504607
8,233.00	0.60	133.60	8,232.02	-0.67	-4.56	657,801.23	745,280.23	32.80583943	-103.53504348



Survey Report - Geographic

Company:	Cross Timber Energy, LLC	Local Co-ordinate Reference:	Well NVAU #312
Project:	Lea County, NM	TVD Reference:	KB @ 4042.00usft (Norton 7)
Site:	NVAU #312	MD Reference:	KB @ 4042.00usft (Norton 7)
Well:	NVAU #312	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
8,358.00	0.80	114.30	8,357.01	-1.48	-3.29	657,800.42	745,281.50	32.80583717	-103.53503937
8,483.00	0.80	115.90	8,482.00	-2.23	-1.71	657,799.68	745,283.08	32.80583511	-103.53503425
8,608.00	1.00	121.40	8,606.98	-3.17	0.00	657,798.73	745,284.80	32.80583246	-103.53502868
8,734.00	1.00	115.30	8,732.96	-4.22	1.94	657,797.69	745,286.73	32.80582956	-103.53502242
8,834.00	1.00	118.30	8,832.95	-5.00	3.49	657,796.90	745,288.29	32.80582736	-103.53501737
Final Survey @ 8834.00' MD, 1.00°, 118.30° Azi									
8,880.00	1.00	118.30	8,878.94	-5.38	4.20	657,796.52	745,289.00	32.80582630	-103.53501508
Projected to TD @ 8880.00' MD, 1.00°, 118.30° Azi									

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
8,834.00	8,832.95	-5.00	3.49	Final Survey @ 8834.00' MD, 1.00°, 118.30° Azi	
8,880.00	8,878.94	-5.38	4.20	Projected to TD @ 8880.00' MD, 1.00°, 118.30° Azi	

Checked By: _____ Approved By: _____ Date: _____

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 173916

ACKNOWLEDGMENTS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 173916
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 173916

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 173916
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 3/14/2023.	1/9/2023