KOLAR Document ID: 1828646

For KCC Use:
Effective Date: 03/03/2025
District # 1
SGA? [X] Yes [ ] No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form C-1
March 2010
Form must be Typed
Form must be Signed
All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date: 02/28/2025 (month / day / year)

OPERATOR: License# 32446
Name: Merit Energy Company, LLC
Address 1: 13727 NOEL ROAD, SUITE 1200
Address 2:
City: DALLAS State: TX Zip: 75240 + 7362
Contact Person: Idania Medina
Phone: 972-628-1466

CONTRACTOR: License# 5929
Name: Duke Drilling Co., Inc.

Well Drilled For:	*Well Class:*	*Type Equipment:*
[X] Oil	[X] Infield	[X] Mud Rotary
[ ] Gas	[ ] Pool Ext.	[ ] Air Rotary
[ ] Enh Rec	[ ] Wildcat	[ ] Cable
[ ] Storage	[ ] Other	
[ ] Disposal		
[ ] Seismic ; ____ # of Holes		
[ ] Other:		

[ ] If OWWO: old well information as follows:

Operator:
Well Name:
Original Completion Date: ____ Original Total Depth: ____

Directional, Deviated or Horizontal wellbore? [X] Yes [ ] No
If Yes, true vertical depth: 6000
Bottom Hole Location: NW/4 28-24-32W 389' FNL & 1782' FWL
KCC DKT #: <7 degrees

Prorated and spaced: Hugoton-Panoma

Spot Description:
SW - SE - NE - NW (Q/Q/Q/Q) Sec. 28 Twp. 24 S. R. 32 [ ] E [X] W
1002 feet from [X] N / [ ] S Line of Section
2131 feet from [ ] E / [X] W Line of Section
Is SECTION: [X] Regular [ ] Irregular?

*(**Note:** Locate well on the Section Plat on reverse side)*

County: Finney
Lease Name: Napeste Well #: 4-28D
Field Name: Arkansas River West
Is this a Prorated / Spaced Field? [ ] Yes [X] No
Target Formation(s): St Louis
Nearest Lease or unit boundary line (in footage): 330
Ground Surface Elevation: 2845 Surveyed feet MSL
Water well within one-quarter mile: [X] Yes [ ] No
Public water supply well within one mile: [ ] Yes [X] No
Depth to bottom of fresh water: 300
Depth to bottom of usable water: 920
Surface Pipe by Alternate: [X] I [ ] II
Length of Surface Pipe Planned to be set: 1800
Length of Conductor Pipe (if any):
Projected Total Depth: 6000
Formation at Total Depth: St Louis
Water Source for Drilling Operations:
[X] Well [ ] Farm Pond [ ] Other:
DWR Permit #: Applied for
*(**Note:** Apply for Permit with DWR [ ])*
Will Cores be taken? [ ] Yes [X] No
If Yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office ***prior*** to spudding of well;
2. A copy of the approved notice of intent to drill ***shall be*** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below ***shall be set*** by circulating cement to the top; in all cases surface pipe ***shall be set*** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary ***prior to plugging;***
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within ***120 DAYS*** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. ***In all cases, NOTIFY district office*** prior to any cementing.

Submitted Electronically

For KCC Use ONLY
API # 15 - 15-055-22612-01-00
Conductor pipe required 0 feet
Minimum surface pipe required 940 feet per ALT. [X] I [ ] II
Approved by: CeLena Peterson 02/26/2026
This authorization expires: 02/26/2026
(This authorization void if drilling not started within 12 months of approval date.)

Spud date: ____ Agent: ____

Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

[ ] **Well will not be drilled or Permit Expired** Date: ____
Signature of Operator or Agent:

28 24 32 [ ] E [X] W

KOLAR Document ID: 1828646

Side Two

For KCC Use ONLY
API # 15 - 15-055-22612-01-00

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Merit Energy Company, LLC
Lease: Napeste
Well Number: 4-28D
Field: Arkansas River West

Number of Acres attributable to well: 10
QTR/QTR/QTR/QTR of acreage: SW - SE - NE - NW

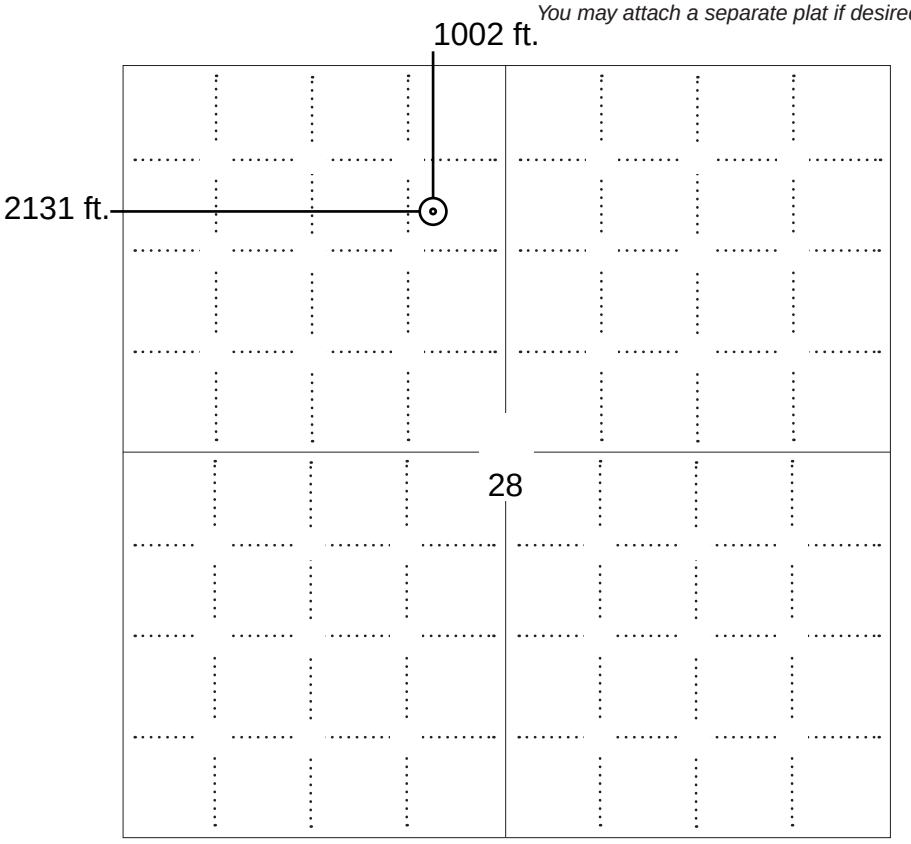
Location of Well: County: Finney
1002 feet from ☒ N / ☐ S Line of Section
2131 feet from ☐ E / ☒ W Line of Section
Sec. 28 Twp. 24 S. R. 32 ☐ E ☒ W

Is Section: ☒ Regular or ☐ Irregular

If Section is Irregular, locate well from nearest corner boundary.
Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

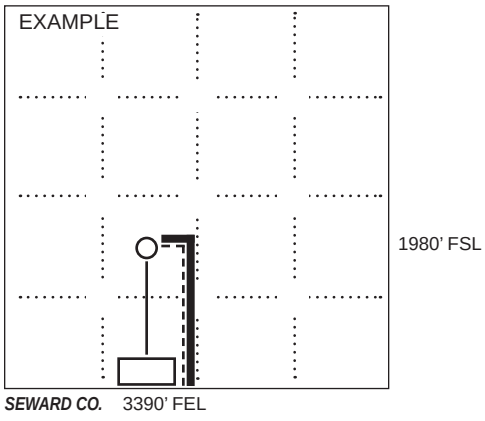
PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



LEGEND

- ○ Well Location
- ▭ Tank Battery Location
- ——— Pipeline Location
- - - - - - Electric Line Location
- ▬▬ Lease Road Location



NOTE: In all cases locate the spot of the proposed drilling locaton.

In plotting the proposed location of the well, *you must show*:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

KOLAR Document ID: 1828646

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Merit Energy Company, LLC | License Number: 32446

Operator Address: 13727 NOEL ROAD, SUITE 1200 DALLAS TX 75240

Contact Person: Idania Medina | Phone Number: 972-628-1466

Lease Name & Well No.: Napeste 4-28D

Type of Pit:
☐ Emergency Pit ☐ Burn Pit
☐ Settling Pit ☐ Drilling Pit
☐ Workover Pit ☐ Haul-Off Pit
(If WP Supply API No. or Year Drilled)

Pit is:
☐ Proposed ☐ Existing
If Existing, date constructed:
Pit capacity: (bbls)

Pit Location (QQQQ): SW - SE - NE - NW
Sec. 28 Twp. 24 R. 32 ☐ East ☒ West
1002 Feet from ☒ North / ☐ South Line of Section
2131 Feet from ☐ East / ☒ West Line of Section
Finney County

Is the pit located in a Sensitive Ground Water Area? ☒ Yes ☐ No

Chloride concentration: mg/l
(For Emergency Pits and Settling Pits only)

Is the bottom below ground level? ☐ Yes ☐ No

Artificial Liner? ☐ Yes ☐ No

How is the pit lined if a plastic liner is not used?

Pit dimensions (all but working pits): Length (feet) Width (feet) ☒ N/A: Steel Pits

Depth from ground level to deepest point: (feet) ☐ No Pit

If the pit is lined give a brief description of the liner material, thickness and installation procedure.

Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.

Distance to nearest water well within one-mile of pit:
feet Depth of water well feet

Depth to shallowest fresh water feet.
Source of information:
☐ measured ☐ well owner ☐ electric log ☐ KDWR

Emergency, Settling and Burn Pits ONLY:

Producing Formation:

Number of producing wells on lease:

Barrels of fluid produced daily:

Does the slope from the tank battery allow all spilled fluids to flow into the pit? ☐ Yes ☐ No

Drilling, Workover and Haul-Off Pits ONLY:

Type of material utilized in drilling/workover:

Number of working pits to be utilized:

Abandonment procedure:

Drill pits must be closed within 365 days of spud date.

Submitted Electronically

KCC OFFICE USE ONLY

☐ Liner ☒ Steel Pit ☒ RFAC ☐ RFAS

Date Received: 02/25/2025 Permit Number: 15-055-22612-01-00 Permit Date: 02/25/2025 Lease Inspection: ☐ Yes ☒ No

KOLAR Document ID: 1828646

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form KSONA-1
July 2021
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: ☒ **C-1** (Intent) ☐ **CB-1** (Cathodic Protection Borehole Intent) ☐ **T-1** (Transfer) ☐ **CP-1** (Plugging Application)

OPERATOR: License # 32446
Name: Merit Energy Company, LLC
Address 1: 13727 NOEL ROAD, SUITE 1200
Address 2:
City: DALLAS State: TX Zip: 75240 + 7362
Contact Person: Idania Medina
Phone: (972) 628-1466 Fax: ( )
Email Address: idania.medina@meritenergy.com

Well Location:
SW - SE - NE - NW Sec. 28 Twp. 24 S. R. 32 ☐ East ☒ West
County: Finney
Lease Name: Napeste Well #: 4-28D

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:
Name: William H. Damme and Emma C. Damme Farms LLC
Address 1: PO Box 36
Address 2:
City: Talmage State: NE Zip: 68448 +

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

☒ I certify that, pursuant to the Kansas Surface Owner Notice Act (*see* Chapter 55 of the Kansas Statutes Annotated), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.

☐ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a $30.00 handling fee, payable to the KCC, which is enclosed with this form.

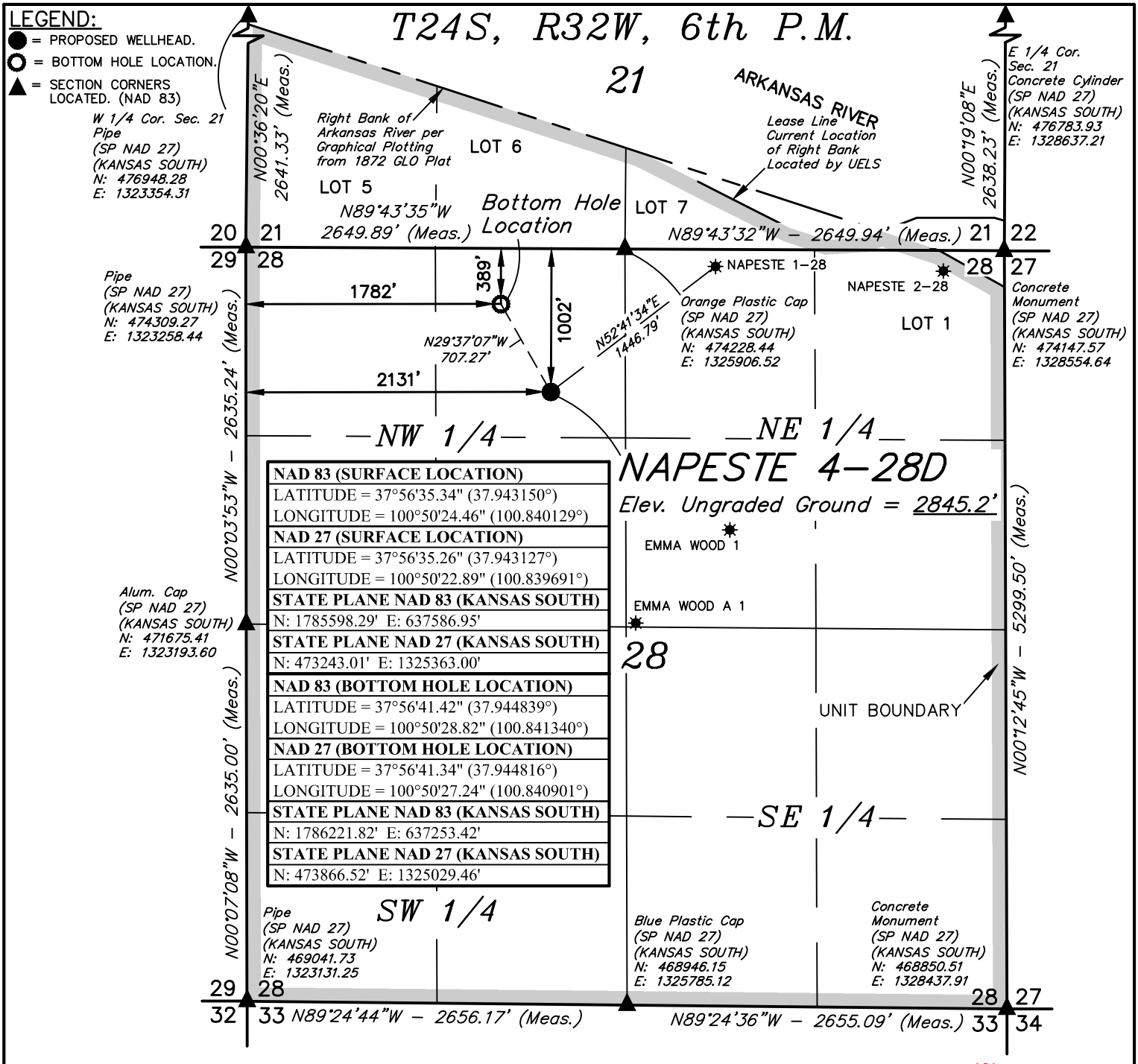
If choosing the second option, submit payment of the $30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

Submitted Electronically

MERIT ENERGY COMPANY
NAPESTE 4-28D
SECTION 28, T24S, R32W, 6th P.M.
FINNEY COUNTY, KANSAS

DATE:	DESCRIPTION:
2/13/2025	FINAL PLATS
2/18/2025	NAME CHANGE, MOVE SURFACE HOLE, & ADD BOTTOM HOLE

UINTAH
ENGINEERING & LAND SURVEYING



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT JUSTIN PEARCE LICENSED LAND SURVEYOR KANSAS

Robert Justin Pearce LS-1451

REGISTERED LAND SURVEYOR
REGISTRATION NO. LS-1451
STATE OF KANSAS

02-17-25

REV: 1 02-17-25 T.J.S. (SHL, BHL & NAME CHANGE)

BASIS OF BEARINGS

BASIS OF BEARINGS IN A G.P.S. OBSERVATION

BASIS OF ELEVATION

ELEVATION 2848.98' WAS DERIVED FROM AN OPUS SOLUTION AT LAT: 37°58'08.99" LONG: 100°54'04.80" AND HAS A DATUM OF NAVD88.

UINTAH ENGINEERING & LAND SURVEYING

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

N

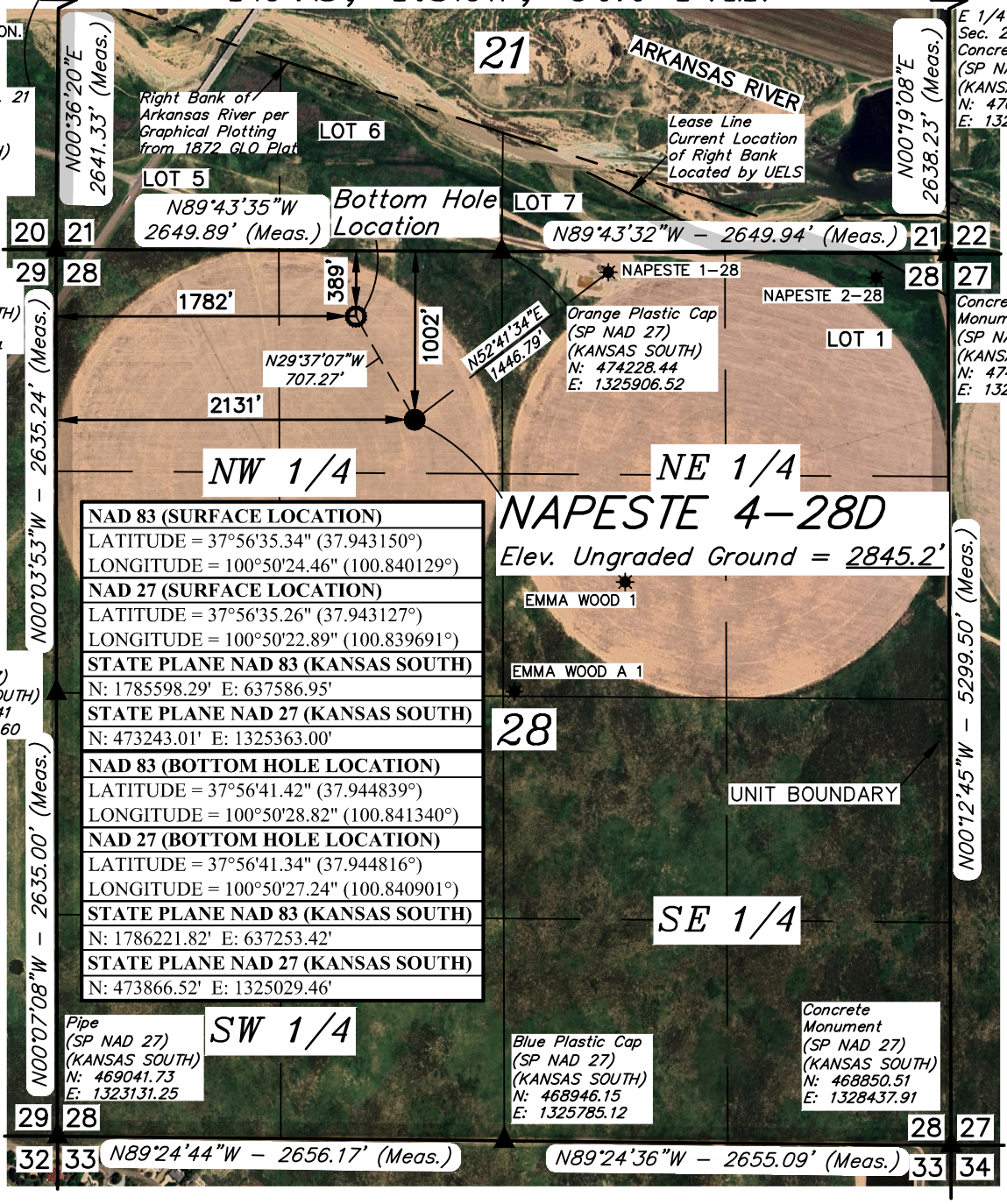
MERIT ENERGY COMPANY

NAPESTE 4-28D
1002' FNL 2131' FWL
NE 1/4 NW 1/4, SECTION 28, T24S, R32W, 6th P.M.
FINNEY COUNTY, KANSAS

SURVEYED BY	G.W., B.L.	02-07-25	SCALE
DRAWN BY	C.S.C.	02-12-25	1" = 1000'

WELL LOCATION PLAT

T24S, R32W, 6th P.M.



NAD 83 (SURFACE LOCATION)
LATITUDE = 37°56'35.34" (37.943150°)
LONGITUDE = 100°50'24.46" (100.840129°)
NAD 27 (SURFACE LOCATION)
LATITUDE = 37°56'35.26" (37.943127°)
LONGITUDE = 100°50'22.89" (100.839691°)
STATE PLANE NAD 83 (KANSAS SOUTH)
N: 1785598.29' E: 637586.95'
STATE PLANE NAD 27 (KANSAS SOUTH)
N: 473243.01' E: 1325363.00'
NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 37°56'41.42" (37.944839°)
LONGITUDE = 100°50'28.82" (100.841340°)
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 37°56'41.34" (37.944816°)
LONGITUDE = 100°50'27.24" (100.840901°)
STATE PLANE NAD 83 (KANSAS SOUTH)
N: 1786221.82' E: 637253.42'
STATE PLANE NAD 27 (KANSAS SOUTH)
N: 473866.52' E: 1325029.46'

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT JUSTIN PEARCE LICENSED LAND SURVEYOR KANSAS

Robert Justin Pearce LS-1451

REGISTERED LAND SURVEYOR
REGISTRATION NO. LS-1451
STATE OF KANSAS

02-17-25

1000' 500' 0' 1000'

REV: 1 02-17-25 T.J.S. (SHL, BHL & NAME CHANGE)

BASIS OF BEARINGS

BASIS OF BEARINGS IN A G.P.S. OBSERVATION

BASIS OF ELEVATION

ELEVATION 2848.98' WAS DERIVED FROM AN OPUS SOLUTION AT LAT: 37°58'08.99" LONG: 100°54'04.80" AND HAS A DATUM OF NAVD88.

UINTAH ENGINEERING & LAND SURVEYING

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

N

MERIT ENERGY COMPANY

NAPESTE 4-28D
1002' FNL 2131' FWL
NE 1/4 NW 1/4, SECTION 28, T24S, R32W, 6th P.M.
FINNEY COUNTY, KANSAS

SURVEYED BY	G.W., B.L.	02-07-25	SCALE
DRAWN BY	C.S.C.	02-12-25	1" = 1000'

WELL LOCATION PLAT

BEGINNING AT THE INTERSECTION OF US-83 BUSINESS AND KS-156 IN GARDEN CITY, KANSAS PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION ALONG US-83 BUSINESS APPROXIMATELY 3.2 MILES TO THE JUNCTION OF THIS ROAD AND US-83; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND BURNSIDE DRIVE TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.2 MILES. FROM THIS POINT, THE PROPOSED WELL LOCATION IS APPROXIMATELY 1317' SOUTHEASTERLY.

TOTAL DISTANCE FROM GARDEN CITY, KANSAS TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 4.8 MILES.

REV: 1 02-17-25 T.J.S. (NAME CHANGE & DESCRIPTION UPDATE)

MERIT ENERGY COMPANY

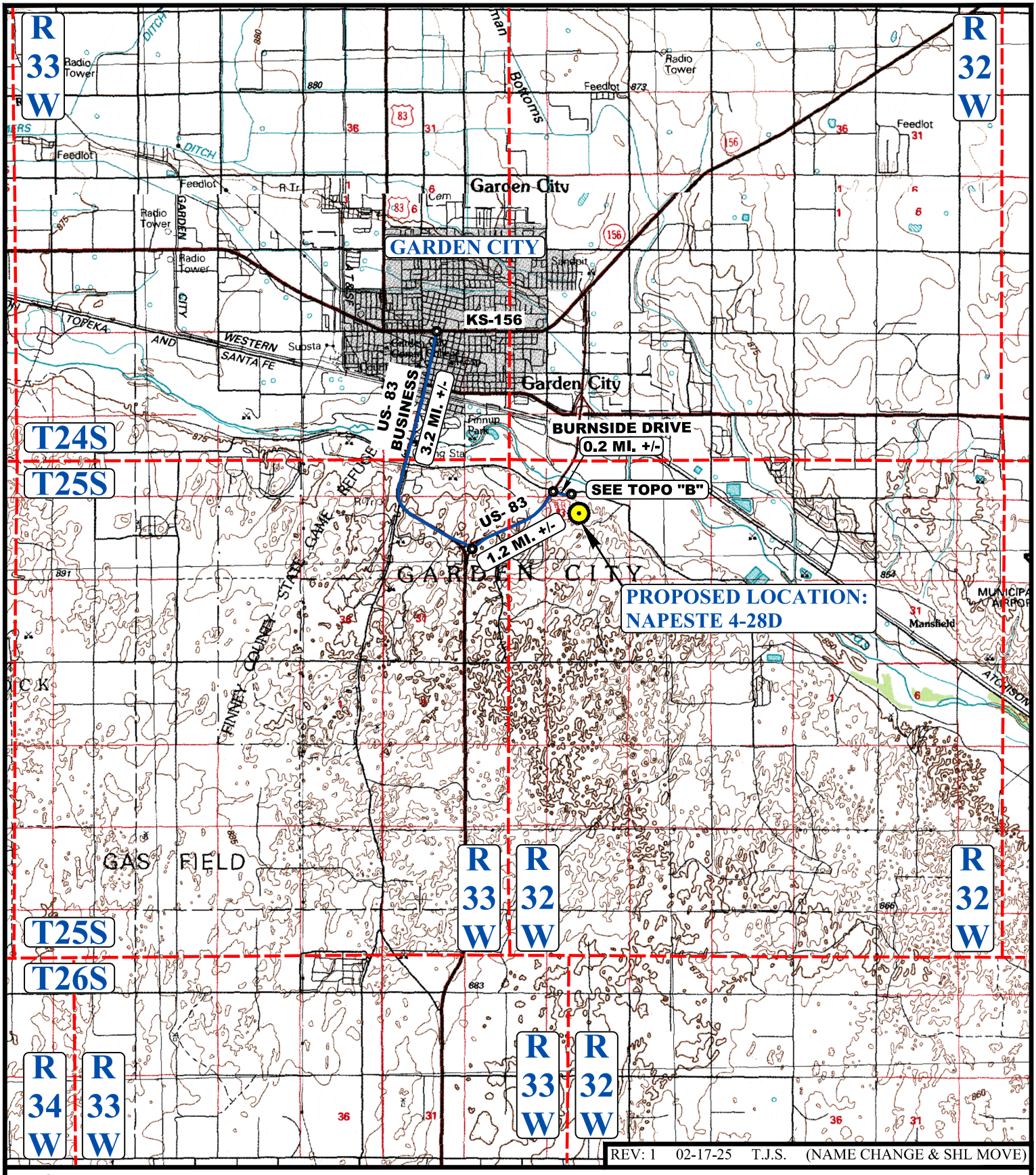
NAPESTE 4-28D
1002' FNL 2131' FWL
NE 1/4 NW 1/4, SECTION 28, T24S, R32W, 6th P.M.
FINNEY COUNTY, KANSAS

SURVEYED BY	G.W., B.L.	02-07-25	
DRAWN BY	C.S.C.	02-12-25	

ROAD DESCRIPTION

UINTAH ENGINEERING & LAND SURVEYING

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



REV: 1 02-17-25 T.J.S. (NAME CHANGE & SHL MOVE)

LEGEND:

⊙ PROPOSED LOCATION

N

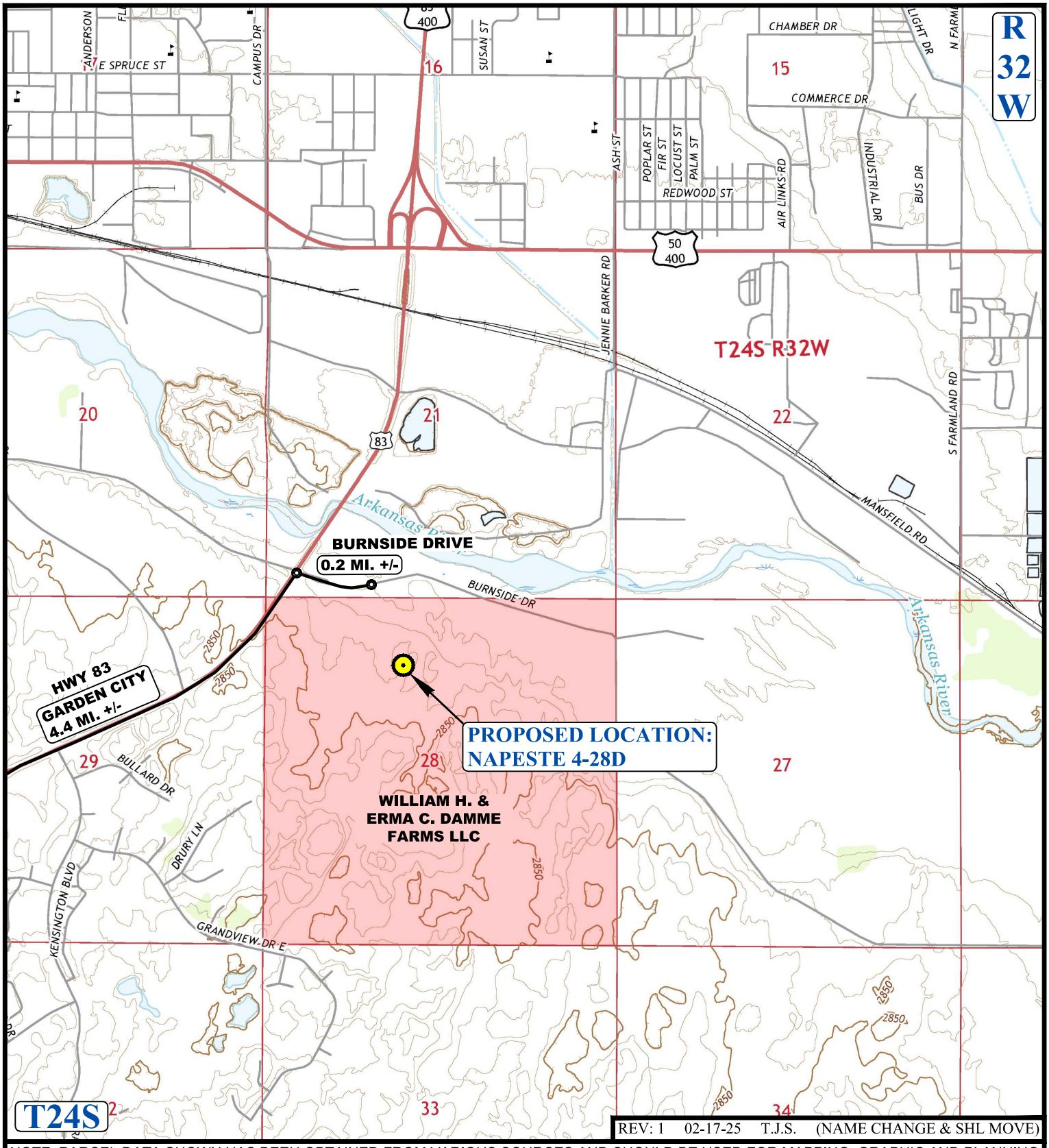
MERIT ENERGY COMPANY

NAPESTE 4-28D
1002' FNL 2131' FWL
NE 1/4 NW 1/4, SECTION 28, T24S, R32W, 6th P.M.
FINNEY COUNTY, KANSAS

SURVEYED BY	G.W., B.L.	02-07-25	SCALE
DRAWN BY	C.S.C.	02-12-25	1 : 100,000
ACCESS ROAD MAP			TOPO A

UINTAH ENGINEERING & LAND SURVEYING

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



REV: 1 02-17-25 T.J.S. (NAME CHANGE & SHL MOVE)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

EXISTING ROAD

N

MERIT ENERGY COMPANY

NAPESTE 4-28D
1002' FNL 2131' FWL
NE 1/4 NW 1/4, SECTION 28, T24S, R32W, 6th P.M.
FINNEY COUNTY, KANSAS

SURVEYED BY	G.W., B.L.	02-07-25	SCALE
DRAWN BY	C.S.C.	02-12-25	1 : 24,000
ACCESS ROAD MAP			TOPO B

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

WellPlan Services
Office Tel: (307) 439-1831
www.wellplanservices.com

Merit Energy Company

Finney County Kansas (NAD 83 KaS)
Section 28, T24S, R32W
Napeste 4-28
DD
UWI:
API:

Plan: #1*

WPS Planning Report

17 February, 2025

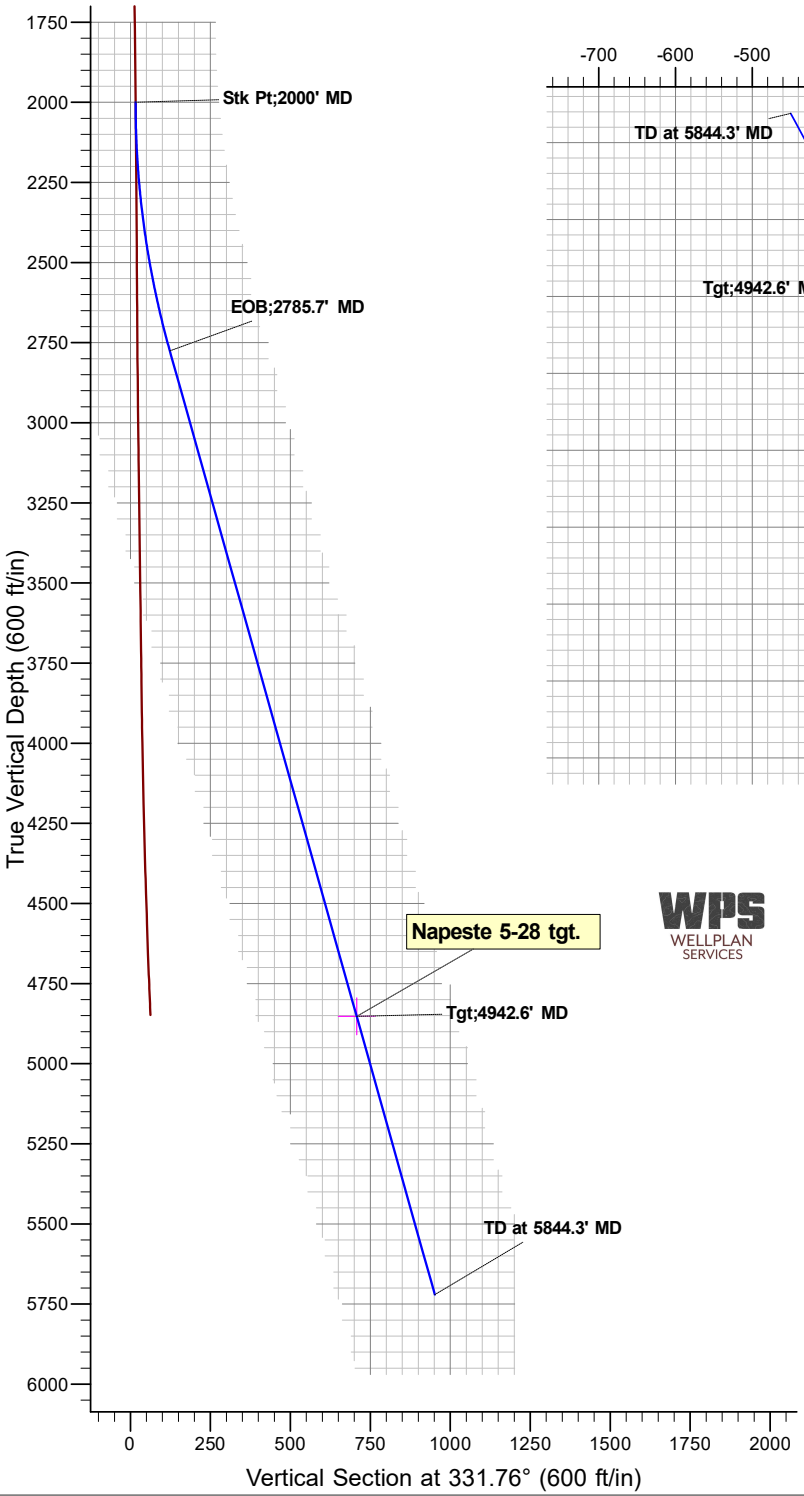
Merit Energy Company

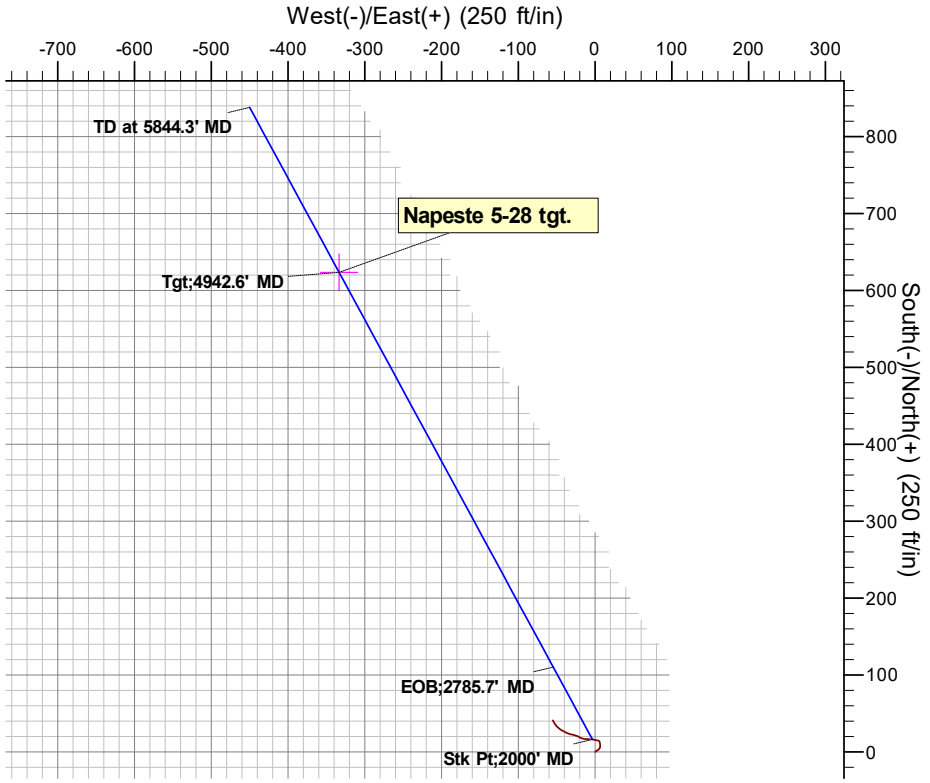
Project: Finney County Kansas (NAD 83 KaS)
Site: Section 28, T24S, R32W
Well: Napeste 4-28
Wellbore: DD
Plan: #1*

SRI SURVEY RENTALS INT.

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
2000.0	0.00	0.00	1999.8	16.3	-3.5	0.00	0.00	16.0	
2785.7	15.71	331.48	2775.7	110.4	-54.6	2.00	331.48	123.1	
4942.6	15.71	331.48	4852.0	623.7	-333.5	0.00	0.00	707.3	Napeste 5-28 tgt.
5844.3	15.71	331.48	5720.0	838.2	-450.2	0.00	0.00	951.5	

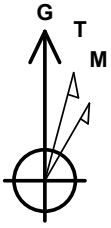




WPS WELLPLAN SERVICES

Well Centre Reference

Geodetic System:	US State Plane 1983
Ellipsoid:	GRS 1980
Zone:	Kansas Southern Zone
Northing:	1785598.15
Easting:	637586.97
Latitude:	37.943150
Longitude	-100.840129
Ground Elevation:	2845.2
KB Elevation:	Est RKB @ 2859.2ft



Azimuths to Grid North
True North: 1.44°
Magnetic North: 6.52°

Magnetic Field
Strength: 50624.7nT
Dip Angle: 65.01°
Date: 2025-02-17
Model: IGRF2020

Database:	WellPlan_Services_2020	**Local Co-ordinate Reference:**	Well Napeste 4-28
Company:	Merit Energy Company	**TVD Reference:**	Est RKB @ 2859.2ft
Project:	Finney County Kansas (NAD 83 KaS)	**MD Reference:**	Est RKB @ 2859.2ft
Site:	Section 28, T24S, R32W	**North Reference:**	Grid
Well:	Napeste 4-28	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	#1*		

Project Finney County Kansas (NAD 83 KaS)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Kansas Southern Zone		

Site Section 28, T24S, R32W

Site Position:		**Northing:**	1,785,955.33 usft	**Latitude:**	37.944011
From:	Map	**Easting:**	635,849.80 usft	**Longitude:**	-100.846183
Position Uncertainty:	0.0 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	-1.44 °
Notes:					

Well Napeste 4-28

Well Position	**+N/-S**	-357.2 ft	**Northing:**	1,785,598.15 usft	**Latitude:**	37.943150
	+E/-W	1,737.2 ft	**Easting:**	637,586.97 usft	**Longitude:**	-100.840129
Position Uncertainty		0.0 ft	**Wellhead Elevation:**		**Ground Level:**	2,845.2 ft
Notes:						

Wellbore DD

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2025-02-17	5.09	65.01	50,624.72

Notes: Land Survey dated 07-10-24 (4-28)
Surface 4-28 to BHL 5-28

Design #1*

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	2,000.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	331.76

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
2,000.0	0.00	0.00	1,999.8	16.3	-3.5	0.00	0.00	0.00	0.00	
2,785.7	15.71	331.48	2,775.7	110.4	-54.6	2.00	2.00	-3.63	331.48	
4,942.6	15.71	331.48	4,852.0	623.7	-333.5	0.00	0.00	0.00	0.00	Napeste 5-28 tgt.
5,844.3	15.71	331.48	5,720.0	838.2	-450.2	0.00	0.00	0.00	0.00	

Database:	WellPlan_Services_2020	**Local Co-ordinate Reference:**	Well Napeste 4-28
Company:	Merit Energy Company	**TVD Reference:**	Est RKB @ 2859.2ft
Project:	Finney County Kansas (NAD 83 KaS)	**MD Reference:**	Est RKB @ 2859.2ft
Site:	Section 28, T24S, R32W	**North Reference:**	Grid
Well:	Napeste 4-28	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	#1*		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	Subsea (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Stk Pt;2000' MD										
2,000.0	0.00	0.00	1,999.8	859.4	16.3	-3.5	16.0	0.00	0.00	0.00
2,100.0	2.00	331.48	2,099.8	759.4	17.9	-4.3	17.8	2.00	2.00	0.00
2,200.0	4.00	331.48	2,199.7	659.5	22.5	-6.8	23.0	2.00	2.00	0.00
2,300.0	6.00	331.48	2,299.3	559.9	30.1	-11.0	31.7	2.00	2.00	0.00
2,400.0	8.00	331.48	2,398.5	460.7	40.8	-16.8	43.9	2.00	2.00	0.00
2,500.0	10.00	331.48	2,497.3	361.9	54.6	-24.3	59.6	2.00	2.00	0.00
2,600.0	12.00	331.48	2,595.4	263.8	71.3	-33.4	78.6	2.00	2.00	0.00
2,700.0	14.00	331.48	2,692.9	166.3	91.1	-44.1	101.1	2.00	2.00	0.00
EOB;2785.7' MD										
2,785.7	15.71	331.48	2,775.7	83.5	110.4	-54.6	123.1	2.00	2.00	0.00
2,800.0	15.71	331.48	2,789.5	69.7	113.8	-56.5	127.0	0.00	0.00	0.00
2,900.0	15.71	331.48	2,885.7	-26.5	137.6	-69.4	154.1	0.00	0.00	0.00
3,000.0	15.71	331.48	2,982.0	-122.8	161.4	-82.3	181.1	0.00	0.00	0.00
3,100.0	15.71	331.48	3,078.3	-219.1	185.2	-95.3	208.2	0.00	0.00	0.00
3,200.0	15.71	331.48	3,174.5	-315.3	209.0	-108.2	235.3	0.00	0.00	0.00
3,300.0	15.71	331.48	3,270.8	-411.6	232.8	-121.1	262.4	0.00	0.00	0.00
3,400.0	15.71	331.48	3,367.0	-507.8	256.6	-134.1	289.5	0.00	0.00	0.00
3,500.0	15.71	331.48	3,463.3	-604.1	280.4	-147.0	316.6	0.00	0.00	0.00
3,600.0	15.71	331.48	3,559.6	-700.4	304.2	-159.9	343.6	0.00	0.00	0.00
3,700.0	15.71	331.48	3,655.8	-796.6	328.0	-172.9	370.7	0.00	0.00	0.00
3,800.0	15.71	331.48	3,752.1	-892.9	351.8	-185.8	397.8	0.00	0.00	0.00
3,900.0	15.71	331.48	3,848.4	-989.2	375.6	-198.7	424.9	0.00	0.00	0.00
4,000.0	15.71	331.48	3,944.6	-1,085.4	399.4	-211.7	452.0	0.00	0.00	0.00
4,100.0	15.71	331.48	4,040.9	-1,181.7	423.2	-224.6	479.1	0.00	0.00	0.00
4,200.0	15.71	331.48	4,137.1	-1,277.9	447.0	-237.5	506.1	0.00	0.00	0.00
4,300.0	15.71	331.48	4,233.4	-1,374.2	470.8	-250.4	533.2	0.00	0.00	0.00
4,400.0	15.71	331.48	4,329.7	-1,470.5	494.6	-263.4	560.3	0.00	0.00	0.00
4,500.0	15.71	331.48	4,425.9	-1,566.7	518.3	-276.3	587.4	0.00	0.00	0.00
4,600.0	15.71	331.48	4,522.2	-1,663.0	542.1	-289.2	614.5	0.00	0.00	0.00
4,700.0	15.71	331.48	4,618.5	-1,759.3	565.9	-302.2	641.6	0.00	0.00	0.00
4,800.0	15.71	331.48	4,714.7	-1,855.5	589.7	-315.1	668.6	0.00	0.00	0.00
4,900.0	15.71	331.48	4,811.0	-1,951.8	613.5	-328.0	695.7	0.00	0.00	0.00
Tgt;4942.6' MD										
4,942.6	15.71	331.48	4,852.0	-1,992.8	623.7	-333.5	707.3	0.00	0.00	0.00
5,000.0	15.71	331.48	4,907.2	-2,048.0	637.3	-341.0	722.8	0.00	0.00	0.00
5,100.0	15.71	331.48	5,003.5	-2,144.3	661.1	-353.9	749.9	0.00	0.00	0.00
5,200.0	15.71	331.48	5,099.8	-2,240.6	684.9	-366.8	777.0	0.00	0.00	0.00
5,300.0	15.71	331.48	5,196.0	-2,336.8	708.7	-379.8	804.1	0.00	0.00	0.00
5,400.0	15.71	331.48	5,292.3	-2,433.1	732.5	-392.7	831.1	0.00	0.00	0.00
5,500.0	15.71	331.48	5,388.6	-2,529.4	756.3	-405.6	858.2	0.00	0.00	0.00
5,600.0	15.71	331.48	5,484.8	-2,625.6	780.1	-418.6	885.3	0.00	0.00	0.00
5,700.0	15.71	331.48	5,581.1	-2,721.9	803.9	-431.5	912.4	0.00	0.00	0.00
5,800.0	15.71	331.48	5,677.3	-2,818.1	827.7	-444.4	939.5	0.00	0.00	0.00
TD at 5844.3' MD										
5,844.3	15.71	331.48	5,720.0	-2,860.8	838.2	-450.2	951.5	0.00	0.00	0.00

Database:	WellPlan_Services_2020	**Local Co-ordinate Reference:**	Well Napeste 4-28
Company:	Merit Energy Company	**TVD Reference:**	Est RKB @ 2859.2ft
Project:	Finney County Kansas (NAD 83 KaS)	**MD Reference:**	Est RKB @ 2859.2ft
Site:	Section 28, T24S, R32W	**North Reference:**	Grid
Well:	Napeste 4-28	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	#1*		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Napeste 5-28 tgt. - plan hits target center - Point	0.00	360.00	4,852.0	623.7	-333.5	1,786,221.82	637,253.42	37.944839	-100.841340

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
2,000.0	1,999.8	16.3	-3.5	Stk Pt;2000' MD
2,785.7	2,775.7	110.4	-54.6	EOB;2785.7' MD
4,942.6	4,852.0	623.7	-333.5	Tgt;4942.6' MD
5,844.3	5,720.0	838.2	-450.2	TD at 5844.3' MD

Merit Energy Company

Finney County Kansas (NAD 83 KaS)
Section 28, T24S, R32W
Napeste 4-28

DD
#1*

Anticollision Report

17 February, 2025

WellPlan Services

Anticollision Report

Company:	Merit Energy Company	**Local Co-ordinate Reference:**	Well Napeste 4-28
Project:	Finney County Kansas (NAD 83 KaS)	**TVD Reference:**	Est RKB @ 2859.2ft
Reference Site:	Section 28, T24S, R32W	**MD Reference:**	Est RKB @ 2859.2ft
Site Error:	0.0 ft	**North Reference:**	Grid
Reference Well:	Napeste 4-28	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	WellPlan_Services_2020
Reference Design:	#1*	**Offset TVD Reference:**	Offset Datum

Reference #1*

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 98.4ft	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum centre distance of 656.2ft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 2025-02-17

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
2,000.0	5,844.3	#1* (DD)	MWD	OWSG MWD - Standard

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Section 28, T24S, R32W						
Napeste 4-28 - Actual - Actual	2,006.2	2,006.2	0.1	-6.8	0.014	Collision Avoidance, CC, SF
Napeste 4-28 - Actual - Actual	2,165.4	2,165.3	4.0	-7.3	0.353	Collision Avoidance, ES

Offset Design: Section 28, T24S, R32W - Napeste 4-28 - Actual - Actual — **Offset Site Error:** 0.0 ft

Survey Program: 204-MWD — **Rule Assigned:** — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,006.2	2,006.0	2,006.2	2,006.0	0.1	7.4	-59.10	16.3	-3.6	0.1	-6.8	6.91	0.014	Collision Avoidance, CC, SF
2,066.9	2,066.7	2,066.9	2,066.7	0.9	8.1	-101.97	16.4	-4.6	0.9	-7.2	8.11	0.112	Collision Avoidance
2,165.4	2,165.1	2,165.3	2,165.1	2.3	9.3	-147.06	16.6	-6.1	4.0	-7.3	11.26	0.353	Collision Avoidance, ES
2,263.8	2,263.2	2,263.5	2,263.3	3.6	10.4	-161.00	16.7	-7.5	10.5	-3.4	13.83	0.757	Collision Avoidance
2,362.2	2,361.1	2,361.4	2,361.1	4.5	11.6	-166.88	16.8	-9.0	20.4	4.4	15.97	1.277	Collision Avoidance Req.
2,460.6	2,458.5	2,458.9	2,458.6	5.2	12.7	-170.05	16.8	-10.3	33.7	15.9	17.89	1.887	Collision Risk Procedures Req.
2,559.1	2,555.3	2,555.8	2,555.6	5.9	13.0	-172.11	16.9	-11.6	50.5	31.6	18.84	2.679	
2,657.5	2,651.5	2,652.1	2,651.9	6.6	13.1	-173.47	17.0	-12.8	70.6	50.9	19.63	3.595	
2,755.9	2,747.0	2,747.8	2,747.5	7.2	13.2	-174.30	17.0	-14.1	94.0	73.7	20.29	4.631	
2,854.3	2,841.8	2,843.2	2,842.9	7.5	13.3	-175.01	17.2	-15.4	119.7	98.9	20.75	5.767	
2,952.8	2,936.5	2,938.3	2,938.0	7.8	13.4	-175.47	17.6	-16.8	145.3	124.1	21.17	6.863	
3,051.2	3,031.3	3,033.3	3,033.0	8.2	13.5	-175.82	18.1	-18.1	170.9	149.3	21.61	7.907	
3,149.6	3,126.0	3,128.9	3,128.6	8.5	13.6	-176.10	18.6	-19.4	196.4	174.3	22.08	8.894	
3,248.0	3,220.8	3,224.3	3,224.0	8.9	13.8	-176.31	19.4	-20.9	221.7	199.1	22.57	9.822	
3,346.5	3,315.5	3,318.7	3,318.4	9.3	13.9	-176.49	20.2	-22.2	247.1	224.0	23.07	10.709	
3,444.9	3,410.2	3,413.8	3,413.5	9.7	14.0	-176.60	20.7	-23.7	272.6	249.0	23.57	11.563	
3,543.3	3,505.0	3,509.6	3,509.2	10.1	14.2	-176.66	21.3	-25.3	298.0	273.9	24.10	12.366	
3,641.7	3,599.7	3,603.5	3,603.1	10.5	14.3	-176.72	21.9	-26.9	323.4	298.7	24.61	13.138	
3,740.2	3,694.5	3,698.6	3,698.2	10.9	14.4	-176.77	22.3	-28.3	349.0	323.9	25.14	13.882	
3,838.6	3,789.2	3,793.8	3,793.4	11.3	14.6	-176.80	22.7	-29.9	374.6	348.9	25.68	14.590	
3,937.0	3,884.0	3,889.5	3,889.1	11.7	14.7	-176.77	23.0	-31.9	400.1	373.9	26.22	15.260	
4,035.4	3,978.7	3,987.1	3,986.6	12.2	14.9	-176.75	23.6	-34.1	425.2	398.4	26.79	15.875	
4,133.9	4,073.5	4,082.8	4,082.3	12.6	15.1	-176.72	24.6	-36.3	450.0	422.6	27.36	16.446	
4,232.3	4,168.2	4,179.1	4,178.6	13.0	15.2	-176.71	25.7	-38.7	474.7	446.7	27.95	16.981	
4,330.7	4,263.0	4,274.6	4,274.1	13.5	15.4	-176.68	26.9	-41.1	499.2	470.6	28.55	17.487	

WellPlan Services

Anticollision Report

Company:	Merit Energy Company	**Local Co-ordinate Reference:**	Well Napeste 4-28
Project:	Finney County Kansas (NAD 83 KaS)	**TVD Reference:**	Est RKB @ 2859.2ft
Reference Site:	Section 28, T24S, R32W	**MD Reference:**	Est RKB @ 2859.2ft
Site Error:	0.0 ft	**North Reference:**	Grid
Reference Well:	Napeste 4-28	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	WellPlan_Services_2020
Reference Design:	#1*	**Offset TVD Reference:**	Offset Datum

Offset Design: Section 28, T24S, R32W - Napeste 4-28 - Actual - Actual

Offset Site Error: 0.0 ft

Survey Program: 204-MWD

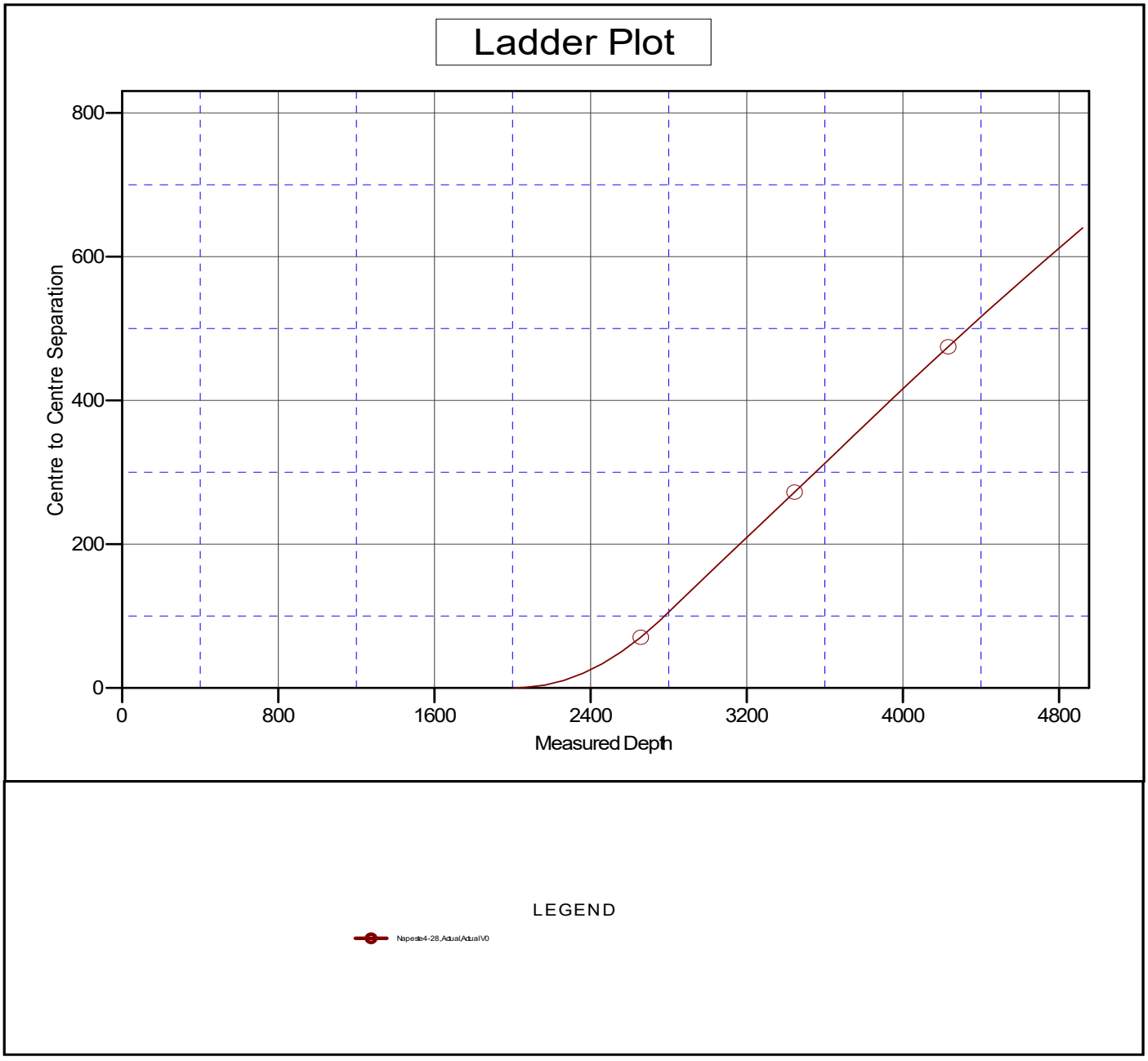
Rule Assigned:

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,429.1	4,357.7	4,372.8	4,372.2	13.9	15.6	-176.65	28.3	-43.8	523.4	494.3	29.16	17.948	
4,527.6	4,452.5	4,471.6	4,470.9	14.4	15.8	-176.63	30.3	-46.6	547.1	517.3	29.80	18.358	
4,626.0	4,547.2	4,565.3	4,564.6	14.8	16.0	-176.64	32.5	-49.2	570.7	540.3	30.42	18.758	
4,724.4	4,642.0	4,663.5	4,662.7	15.3	16.2	-176.71	35.0	-51.4	594.2	563.1	31.08	19.116	
4,822.8	4,736.7	4,763.6	4,762.8	15.7	16.4	-176.80	38.3	-53.6	617.0	585.3	31.77	19.421	
4,921.3	4,831.4	4,849.0	4,848.1	16.2	16.6	-176.90	41.0	-55.1	640.2	607.8	32.37	19.779	

Company:	Merit Energy Company	**Local Co-ordinate Reference:**	Well Napeste 4-28
Project:	Finney County Kansas (NAD 83 KaS)	**TVD Reference:**	Est RKB @ 2859.2ft
Reference Site:	Section 28, T24S, R32W	**MD Reference:**	Est RKB @ 2859.2ft
Site Error:	0.0 ft	**North Reference:**	Grid
Reference Well:	Napeste 4-28	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	WellPlan_Services_2020
Reference Design:	#1*	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to Est RKB @ 2859.2ft
Offset Depths are relative to Offset Datum
Central Meridian is -98.500000
Coordinates are relative to: Napeste 4-28
Coordinate System is US State Plane 1983, Kansas Southern Zone
Grid Convergence at Surface is: -1.44°



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

February 25, 2025

Idania Medina
Merit Energy Company, LLC
13727 NOEL ROAD, SUITE 1200
DALLAS, TX 75240-7362

Re: Drilling Pit Application
Napeste 4-28D
NW/4 Sec.28-24S-32W
Finney County, Kansas

Dear Idania Medina:

According to the drilling pit application referenced above, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), Application for Surface Pit, through KOLAR. This location will have to be inspected prior to approval of the haul-off pit application.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the District Office at (620) 682-7933.

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

HAUL-OFF PIT APPLICATION
FILING REQUIREMENTS

82-3-607. DISPOSAL OF DIKE AND PIT CONTENTS.

(a) Each operator shall perform one of the following when disposing of dike or pit contents:

(1) Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;

(2) dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or

(3) dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:

(A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);

(B) removal and placement of the contents in an on-site disposal area approved by the commission;

(C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or

(D) removal of the contents to a permitted off-site disposal area approved by the department.

(b) Each violation of this regulation shall be punishable by the following:

(1) A $1,000 penalty for the first violation;

(2) a $2,500 penalty for the second violation; and

(3) a $5,000 penalty and an operator license review for the third violation.

File Haul-Off Pit Application in KOLAR. Review the information below and attach all required documents to the pit application when submitting through KOLAR. This form will automatically generate and fill in from questions asked in KOLAR.

Haul-off pit will be located in an on-site disposal area: ___Yes ___No

Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner: ___Yes ___No If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.

Haul-off pit is located in an off-site disposal area on another **producing** lease or unit operated by the same operator: ___Yes ___No If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.