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

Form C-101
August 1, 2011

Permit 300012

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	371682
	3. API Number 30-025-49419

4. Property Code	5. Property Name	6. Well No.
331378	TRINITY 26 23 STATE COM	005H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	26	12S	38E	E	1916	N	1000	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	23	12S	38E	E	1430	N	988	E	Lea

9. Pool Information

GLADIOLA;SAN ANDRES	27810

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3791
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	12060	San Andres		11/20/2021
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	2500	1000	0
Prod	8.75	7	29	5660	1000	0
Prod	8.25	5.5	20	12060	1000	0

Casing/Cement Program: Additional Comments

Tapered Production Casing String. 7" casing from surface to 5660' MD - crossover to 5.5" casing at 5660'n MD - 5.5" casing from 5660' to BHL 12060'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	schafer
Double Ram	3000	1500	schafer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.** Signature:	**OIL CONSERVATION DIVISION**
Printed Name: Electronically filed by William McMann	Approved By: Paul F Kautz
Title:	Title: Geologist
Email Address: bill.mcmann@stewardenergy.net	Approved Date: 9/29/2021 Expiration Date: 9/29/2023
Date: 9/27/2021 Phone: 214-297-0516	Conditions of Approval Attached

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: Steward Energy II LLC **OGRID:** 371682 **Date:** 8/25/2021

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Trinity 26-23 State Com 5H	30-025-49419	E-26-12S-38E	1916 FNL	100	80	250
			1000 FWL			

IV. Central Delivery Point Name: _____ [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Trinity 26-23 State Com 5H	30-025-49419	10/24/2021	11/01/2021	11/08/2021	n/a (no flowback)	12/15/2021

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	
Printed Name:	Ben Barton
Title:	Operations
E-mail Address:	ben.barton@stewardenergy.com
Date:	8.25.21
Phone:	214 297 0512

OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

Natural Gas Management Plan - Attachment

VI. Separation equipment will be sized by engineering staff based on stated manufacturer daily throughput capacities and anticipated daily production rates to ensure adequate capacity. Closed vent system piping, compression needs, and VRUs will be sized utilizing modelling software to ensure adequate capacity for anticipated production volumes and conditions.

VII. Steward Energy II, LLC (SEII) will take the following actions to comply with the regulations listed in 19.15.27.8:

A. SEII will maximize the recovery of natural gas by minimizing the waste, as defined by 19.15.2 NMAC, of natural gas through venting and flaring. SEII will ensure that well(s) will be connected to a natural gas gathering system with sufficient capacity to transport natural gas. If there is no adequate takeaway for the gas, well(s) will be shut in until the natural gas gathering system is available.

B. All drilling operations will be equipped with a rig flare located at least 100' from the nearest surface hole. Rig flare will be utilized to combust any natural gas that is brought to surface during normal drilling operations. In the case of emergency venting or flaring the volumes will be estimated and reported appropriately.

C. During completion, SEII does not allow the well to flow during CO so there will be nothing to flare. Immediately following the finish of completion operations. Produced natural gas from separation equipment will be sent to sales. It is not anticipated that gas will not meet pipeline standards. However, if natural gas does not meet gathering pipeline quality specifications, SEII will flare the natural gas for 60 days or until the natural gas meets the pipeline quality specifications, whichever is sooner. SEII will ensure that the flare is sized properly and is equipped with automatic igniter or continuous pilot. The gas sample will be analyzed twice per week and the gas will be routed into a gathering system as soon as pipeline specifications are met.

D. Natural gas will not be flared with the exceptions and provisions listed in the 19.15.27.8 D.(I) through (4). If there is no adequate takeaway for the separator gas, well(s) will be shut in until the natural gas gathering system is available with exception of emergency or malfunction situations. Venting and/or flaring volumes will be estimated and reported appropriately.

E. SEII will comply with the performance standards requirements and provisions listed in 19.15.27.8 E.(I)through (8). All equipment will be designed and sized to handle maximum anticipated pressures and throughputs to minimize the waste. Production storage tanks constructed after May 25, 2021, will be equipped with automatic gauging system. Flares constructed after May 25, 2021, will be equipped with automatic igniter or continuous pilot. Flares will be located at least 100' from the

well and storage tanks unless otherwise approved by the division. SEII will conduct AVO (LDAR) inspections as described in 19.15.27.8 E (5) (a) with frequencies specified in 19.15.27.8 E (5) (b) and (c). All emergencies will be resolved as quickly and safely as feasible to minimize waste.

F. The volume of natural gas that is vented or flared as the result of malfunction or emergency during drilling and completions operations will be estimated. The volume of natural gas that is vented, flared, or beneficially used during production operations, will be measured, or estimated. SEII will install equipment to measure the volume of natural gas flared from existing process piping, or a flowline piped from equipment such as high-pressure separators, heater treaters, or vapor recovery units associated with a well or facility associated with a well authorized by an APD issued after May 25, 2021, that has an average daily production greater than 60 Mcf/day. If metering is not practicable due to circumstances such as low flow rate or low pressure venting and flaring, SEII will estimate the volume of vented or flared natural gas. Measuring equipment will conform to industry standards and will not be designed or equipped with a manifold that allows the diversion of natural gas around the metering element except for the sole purpose of inspecting and servicing the measurement equipment.

VIII. For maintenance activities involving production equipment and compression, venting will be limited to the depressurization of the subject equipment to ensure safe working conditions. For maintenance of production and compression equipment the associated producing wells will be shut in to eliminate venting. For maintenance of VRUs all gas normally routed to the VRU will be routed to flare to eliminate venting.

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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

Form APD Comments

Permit 300012

PERMIT COMMENTS

Operator Name and Address:	API Number:
STEWARD ENERGY II, LLC [371682] 2600 Dallas Parkway Frisco, TX 75034	30-025-49419
	Well: TRINITY 26 23 STATE COM #005H

Created By	Comment	Comment Date
pkautz	REJECTED Two pools both the same are attached. Only one pool should be attached and am unable to delete second pool. Also dedicated acreage not entered.	9/17/2021
pkautz	NGMP INCOMPLETE	9/28/2021

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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

Form APD Conditions

Permit 300012

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
STEWARD ENERGY II, LLC [371682] 2600 Dallas Parkway Frisco, TX 75034	30-025-49419
	Well: TRINITY 26 23 STATE COM #005H

OCD Reviewer	Condition
pkautz	Notify OCD 24 hours prior to casing & cement
pkautz	Will require a File As Drilled C-102 and a Directional Survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD. If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

Steward Energy II, LLC

DrilTech, LLC

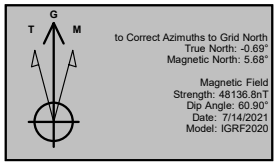
Lea County, NM (NAD 83) NM East Zone
Trinity 26-23 State Com 5H
Trinity 26-23 State Com 5H
Wellbore #1
Plan #2 BLM

STEWARD ENERGY II

SURFACE LOCATION			
US State Plane 1983 New Mexico Eastern Zone Elevation: GL 3791' + RKB 17' @ 3808.00ft			
Northing	Easting	Latitude	Longitude
820123.33	926694.32	33.248	-103.073

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
SHL Trinity 26-23 State Com 5H	0.00	0.00	0.00	820123.33	926694.32
FTP/PP Trinity 26-23 State Com 5H	5175.00	687.00	-10.00	820810.33	926684.32
LTP/BHL Trinity 26-23 State Com 5H	5175.00	7087.02	-10.00	827210.33	926684.32



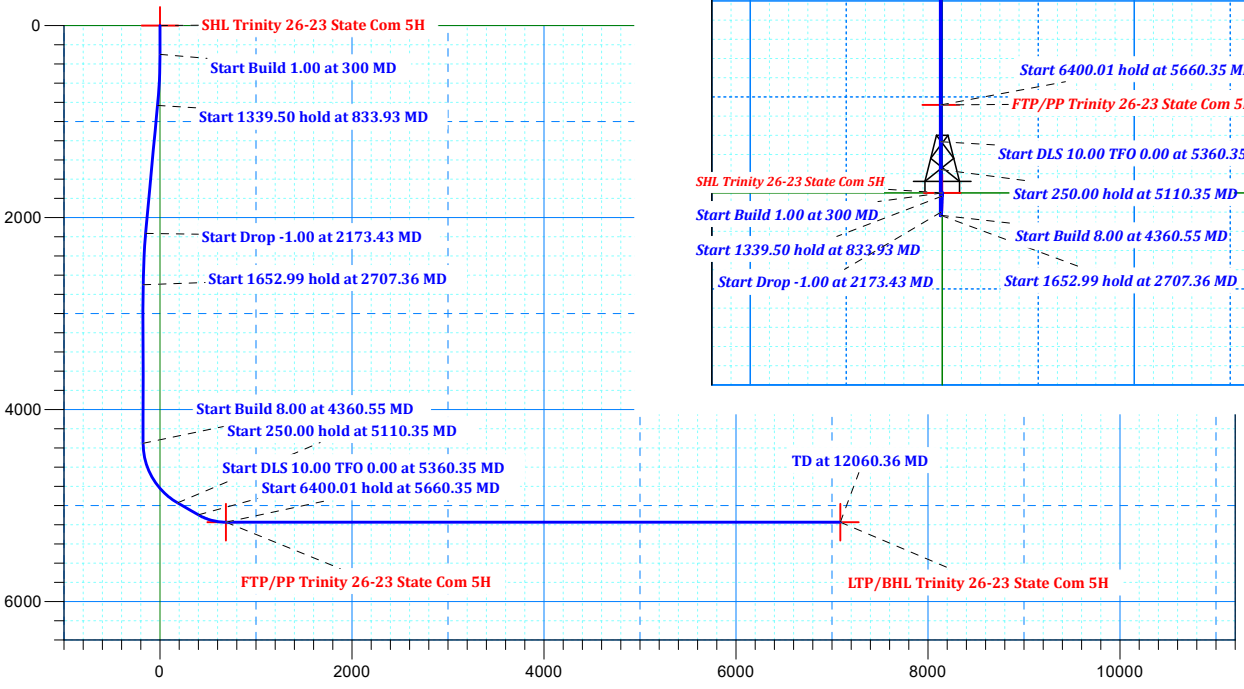
to Correct Azimuths to Grid North
True North: -0.69°
Magnetic North: 5.68°

Magnetic Field
Strength: 48136.8nT
Dip Angle: 60.90°
Date: 7/14/2021
Model: IGRF2020

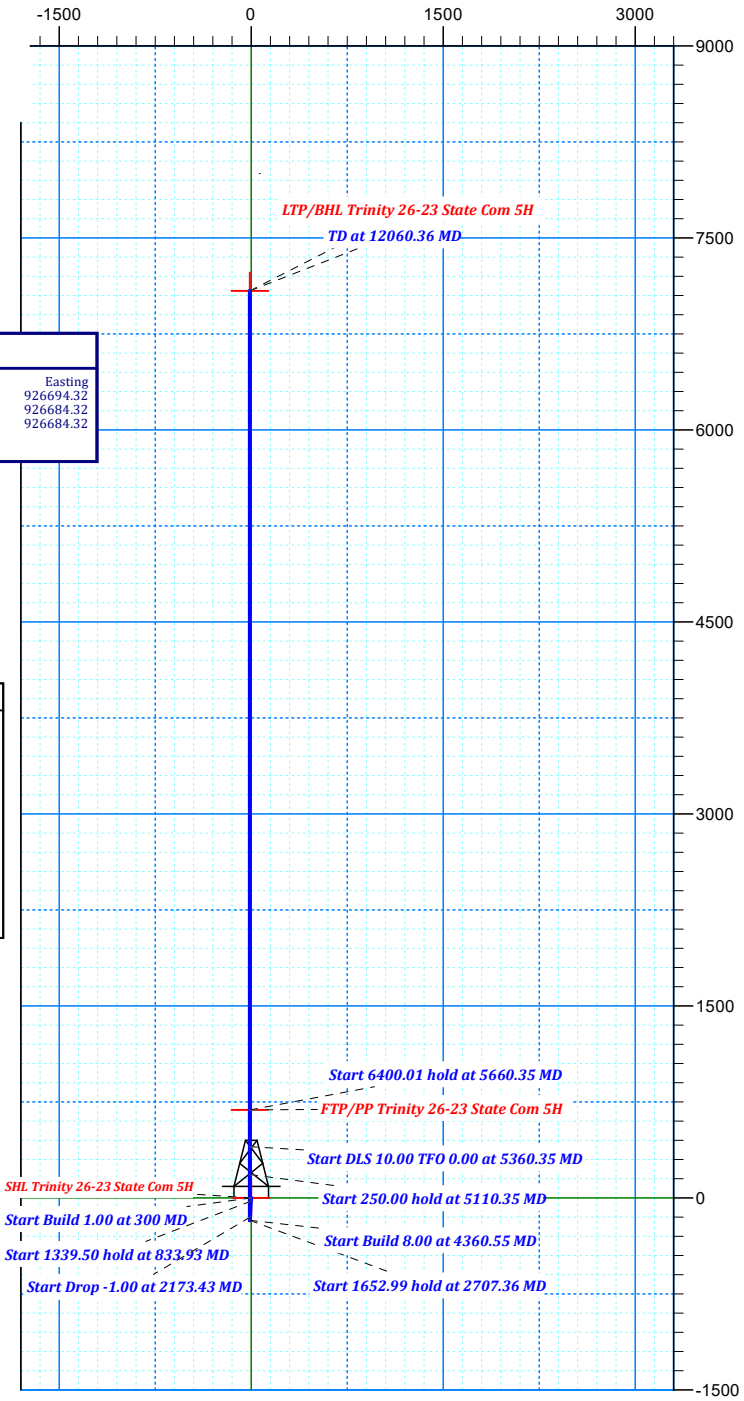
DRILTEC

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00
833.93	5.34	183.29	833.15	-24.82	-1.43	1.00	-24.82
2173.43	5.34	183.29	2166.85	-149.26	-8.57	0.00	-149.26
2707.36	0.00	0.00	2700.00	-174.08	-10.00	1.00	-174.08
4360.35	0.00	0.00	4352.99	-174.08	-10.00	0.00	-174.08
5110.35	60.00	0.00	4973.24	184.02	-10.00	8.00	184.02
5360.35	60.00	0.00	5098.24	400.53	-10.00	0.00	400.53
5660.35	90.00	0.00	5175.00	687.01	-10.00	10.00	687.01
12060.36	90.00	0.00	5175.00	7087.02	-10.00	0.00	7087.02



Vertical Section at 0.00° (2000 ft/in)



Steward Energy II, LLC

Lea County, NM (NAD 83) NM East Zone
Trinity 26-23 State Com 5H
Trinity 26-23 State Com 5H

Wellbore #1

Plan: Plan #2 BLM

Standard Planning Report

14 July, 2021

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Project Lea County, NM (NAD 83) NM East Zone

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Trinity 26-23 State Com 5H

Site Position:		**Northing:**	820,123.33 usft	**Latitude:**	33.248
From:	Lat/Long	**Easting:**	926,694.32 usft	**Longitude:**	-103.073
Position Uncertainty:	0.00 ft	**Slot Radius:**	13.200 in		

Well Trinity 26-23 State Com 5H

Well Position	**+N/-S**	0.00 ft	**Northing:**	820,123.33 usft	**Latitude:**	33.248
	+E/-W	0.00 ft	**Easting:**	926,694.32 usft	**Longitude:**	-103.073
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	3,791.00 ft
Grid Convergence:		0.69 °				

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/14/2021	6.37	60.90	48,136.80987982

Design Plan #2 BLM

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	0.00

Plan Survey Tool Program **Date** 7/14/2021

	Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	12,060.36	Plan #2 BLM (Wellbore #1)	MWD	
				MWD - Standard	

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
833.93	5.34	183.29	833.15	-24.82	-1.43	1.00	1.00	0.00	183.29	
2,173.43	5.34	183.29	2,166.85	-149.26	-8.57	0.00	0.00	0.00	0.00	
2,707.36	0.00	0.00	2,700.00	-174.08	-10.00	1.00	-1.00	0.00	180.00	
4,360.35	0.00	0.00	4,352.99	-174.08	-10.00	0.00	0.00	0.00	0.00	
5,110.35	60.00	0.00	4,973.24	184.02	-10.00	8.00	8.00	0.00	0.00	
5,360.35	60.00	0.00	5,098.24	400.53	-10.00	0.00	0.00	0.00	0.00	
5,660.35	90.00	0.00	5,175.00	687.01	-10.00	10.00	10.00	0.00	0.00	
12,060.36	90.00	0.00	5,175.00	7,087.02	-10.00	0.00	0.00	0.00	0.00	LTP/BHL Trinity 26-23

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.00 at 300 MD									
400.00	1.00	183.29	399.99	-0.87	-0.05	-0.87	1.00	1.00	0.00
500.00	2.00	183.29	499.96	-3.48	-0.20	-3.48	1.00	1.00	0.00
600.00	3.00	183.29	599.86	-7.84	-0.45	-7.84	1.00	1.00	0.00
700.00	4.00	183.29	699.68	-13.93	-0.80	-13.93	1.00	1.00	0.00
800.00	5.00	183.29	799.37	-21.77	-1.25	-21.77	1.00	1.00	0.00
833.93	5.34	183.29	833.15	-24.82	-1.43	-24.82	1.00	1.00	0.00
Start 1339.50 hold at 833.93 MD									
900.00	5.34	183.29	898.94	-30.96	-1.78	-30.96	0.00	0.00	0.00
1,000.00	5.34	183.29	998.51	-40.25	-2.31	-40.25	0.00	0.00	0.00
1,100.00	5.34	183.29	1,098.07	-49.54	-2.84	-49.54	0.00	0.00	0.00
1,200.00	5.34	183.29	1,197.64	-58.83	-3.38	-58.83	0.00	0.00	0.00
1,300.00	5.34	183.29	1,297.21	-68.12	-3.91	-68.12	0.00	0.00	0.00
1,400.00	5.34	183.29	1,396.77	-77.41	-4.45	-77.41	0.00	0.00	0.00
1,500.00	5.34	183.29	1,496.34	-86.70	-4.98	-86.70	0.00	0.00	0.00
1,600.00	5.34	183.29	1,595.90	-95.99	-5.51	-95.99	0.00	0.00	0.00
1,700.00	5.34	183.29	1,695.47	-105.28	-6.05	-105.28	0.00	0.00	0.00
1,800.00	5.34	183.29	1,795.04	-114.57	-6.58	-114.57	0.00	0.00	0.00
1,900.00	5.34	183.29	1,894.60	-123.86	-7.11	-123.86	0.00	0.00	0.00
2,000.00	5.34	183.29	1,994.17	-133.15	-7.65	-133.15	0.00	0.00	0.00
2,100.00	5.34	183.29	2,093.73	-142.44	-8.18	-142.44	0.00	0.00	0.00
2,173.43	5.34	183.29	2,166.85	-149.26	-8.57	-149.26	0.00	0.00	0.00
Start Drop -1.00 at 2173.43 MD									
2,200.00	5.07	183.29	2,193.31	-151.67	-8.71	-151.67	1.00	-1.00	0.00
2,300.00	4.07	183.29	2,292.99	-159.63	-9.17	-159.63	1.00	-1.00	0.00
2,400.00	3.07	183.29	2,392.79	-165.85	-9.52	-165.85	1.00	-1.00	0.00
2,500.00	2.07	183.29	2,492.69	-170.33	-9.78	-170.33	1.00	-1.00	0.00
2,600.00	1.07	183.29	2,592.65	-173.07	-9.94	-173.07	1.00	-1.00	0.00
2,700.00	0.07	183.29	2,692.64	-174.07	-10.00	-174.07	1.00	-1.00	0.00
2,707.36	0.00	0.00	2,700.00	-174.08	-10.00	-174.08	1.00	-1.00	0.00
Start 1652.99 hold at 2707.36 MD									
2,800.00	0.00	0.00	2,792.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
2,900.00	0.00	0.00	2,892.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,000.00	0.00	0.00	2,992.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,100.00	0.00	0.00	3,092.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,200.00	0.00	0.00	3,192.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,300.00	0.00	0.00	3,292.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,400.00	0.00	0.00	3,392.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,500.00	0.00	0.00	3,492.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,600.00	0.00	0.00	3,592.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,700.00	0.00	0.00	3,692.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,800.00	0.00	0.00	3,792.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
3,900.00	0.00	0.00	3,892.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
4,000.00	0.00	0.00	3,992.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
4,100.00	0.00	0.00	4,092.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
4,200.00	0.00	0.00	4,192.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
4,300.00	0.00	0.00	4,292.64	-174.08	-10.00	-174.08	0.00	0.00	0.00
4,360.35	0.00	0.00	4,352.99	-174.08	-10.00	-174.08	0.00	0.00	0.00
Start Build 8.00 at 4360.55 MD									
4,400.00	3.17	0.00	4,392.62	-172.98	-10.00	-172.98	8.00	8.00	0.00

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.00	11.17	0.00	4,491.76	-160.51	-10.00	-160.51	8.00	8.00	0.00
4,600.00	19.17	0.00	4,588.20	-134.35	-10.00	-134.35	8.00	8.00	0.00
4,700.00	27.17	0.00	4,680.05	-95.04	-10.00	-95.04	8.00	8.00	0.00
4,800.00	35.17	0.00	4,765.55	-43.32	-10.00	-43.32	8.00	8.00	0.00
4,900.00	43.17	0.00	4,843.01	19.80	-10.00	19.80	8.00	8.00	0.00
5,000.00	51.17	0.00	4,910.93	93.08	-10.00	93.08	8.00	8.00	0.00
5,100.00	59.17	0.00	4,968.00	175.10	-10.00	175.10	8.00	8.00	0.00
5,110.35	60.00	0.00	4,973.24	184.02	-10.00	184.02	8.00	8.00	0.00
Start 250.00 hold at 5110.35 MD									
5,200.00	60.00	0.00	5,018.06	261.66	-10.00	261.66	0.00	0.00	0.00
5,300.00	60.00	0.00	5,068.06	348.27	-10.00	348.27	0.00	0.00	0.00
5,360.35	60.00	0.00	5,098.24	400.53	-10.00	400.53	0.00	0.00	0.00
Start DLS 10.00 TFO 0.00 at 5360.35 MD									
5,400.00	63.97	0.00	5,116.86	435.53	-10.00	435.53	10.00	10.00	0.00
5,500.00	73.97	0.00	5,152.71	528.74	-10.00	528.74	10.00	10.00	0.00
5,600.00	83.97	0.00	5,171.82	626.77	-10.00	626.77	10.00	10.00	0.00
5,660.35	90.00	0.00	5,175.00	687.01	-10.00	687.01	10.00	10.00	0.00
Start 6400.01 hold at 5660.35 MD									
5,700.00	90.00	0.00	5,175.00	726.66	-10.00	726.66	0.00	0.00	0.00
5,800.00	90.00	0.00	5,175.00	826.66	-10.00	826.66	0.00	0.00	0.00
5,900.00	90.00	0.00	5,175.00	926.66	-10.00	926.66	0.00	0.00	0.00
6,000.00	90.00	0.00	5,175.00	1,026.66	-10.00	1,026.66	0.00	0.00	0.00
6,100.00	90.00	0.00	5,175.00	1,126.66	-10.00	1,126.66	0.00	0.00	0.00
6,200.00	90.00	0.00	5,175.00	1,226.66	-10.00	1,226.66	0.00	0.00	0.00
6,300.00	90.00	0.00	5,175.00	1,326.66	-10.00	1,326.66	0.00	0.00	0.00
6,400.00	90.00	0.00	5,175.00	1,426.66	-10.00	1,426.66	0.00	0.00	0.00
6,500.00	90.00	0.00	5,175.00	1,526.66	-10.00	1,526.66	0.00	0.00	0.00
6,600.00	90.00	0.00	5,175.00	1,626.66	-10.00	1,626.66	0.00	0.00	0.00
6,700.00	90.00	0.00	5,175.00	1,726.66	-10.00	1,726.66	0.00	0.00	0.00
6,800.00	90.00	0.00	5,175.00	1,826.66	-10.00	1,826.66	0.00	0.00	0.00
6,900.00	90.00	0.00	5,175.00	1,926.66	-10.00	1,926.66	0.00	0.00	0.00
7,000.00	90.00	0.00	5,175.00	2,026.66	-10.00	2,026.66	0.00	0.00	0.00
7,100.00	90.00	0.00	5,175.00	2,126.66	-10.00	2,126.66	0.00	0.00	0.00
7,200.00	90.00	0.00	5,175.00	2,226.66	-10.00	2,226.66	0.00	0.00	0.00
7,300.00	90.00	0.00	5,175.00	2,326.66	-10.00	2,326.66	0.00	0.00	0.00
7,400.00	90.00	0.00	5,175.00	2,426.66	-10.00	2,426.66	0.00	0.00	0.00
7,500.00	90.00	0.00	5,175.00	2,526.66	-10.00	2,526.66	0.00	0.00	0.00
7,600.00	90.00	0.00	5,175.00	2,626.66	-10.00	2,626.66	0.00	0.00	0.00
7,700.00	90.00	0.00	5,175.00	2,726.66	-10.00	2,726.66	0.00	0.00	0.00
7,800.00	90.00	0.00	5,175.00	2,826.66	-10.00	2,826.66	0.00	0.00	0.00
7,900.00	90.00	0.00	5,175.00	2,926.66	-10.00	2,926.66	0.00	0.00	0.00
8,000.00	90.00	0.00	5,175.00	3,026.66	-10.00	3,026.66	0.00	0.00	0.00
8,100.00	90.00	0.00	5,175.00	3,126.66	-10.00	3,126.66	0.00	0.00	0.00
8,200.00	90.00	0.00	5,175.00	3,226.66	-10.00	3,226.66	0.00	0.00	0.00
8,300.00	90.00	0.00	5,175.00	3,326.66	-10.00	3,326.66	0.00	0.00	0.00
8,400.00	90.00	0.00	5,175.00	3,426.66	-10.00	3,426.66	0.00	0.00	0.00
8,500.00	90.00	0.00	5,175.00	3,526.66	-10.00	3,526.66	0.00	0.00	0.00
8,600.00	90.00	0.00	5,175.00	3,626.66	-10.00	3,626.66	0.00	0.00	0.00
8,700.00	90.00	0.00	5,175.00	3,726.66	-10.00	3,726.66	0.00	0.00	0.00
8,800.00	90.00	0.00	5,175.00	3,826.66	-10.00	3,826.66	0.00	0.00	0.00
8,900.00	90.00	0.00	5,175.00	3,926.66	-10.00	3,926.66	0.00	0.00	0.00
9,000.00	90.00	0.00	5,175.00	4,026.66	-10.00	4,026.66	0.00	0.00	0.00
9,100.00	90.00	0.00	5,175.00	4,126.66	-10.00	4,126.66	0.00	0.00	0.00

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,200.00	90.00	0.00	5,175.00	4,226.66	-10.00	4,226.66	0.00	0.00	0.00
9,300.00	90.00	0.00	5,175.00	4,326.66	-10.00	4,326.66	0.00	0.00	0.00
9,400.00	90.00	0.00	5,175.00	4,426.66	-10.00	4,426.66	0.00	0.00	0.00
9,500.00	90.00	0.00	5,175.00	4,526.66	-10.00	4,526.66	0.00	0.00	0.00
9,600.00	90.00	0.00	5,175.00	4,626.66	-10.00	4,626.66	0.00	0.00	0.00
9,700.00	90.00	0.00	5,175.00	4,726.66	-10.00	4,726.66	0.00	0.00	0.00
9,800.00	90.00	0.00	5,175.00	4,826.66	-10.00	4,826.66	0.00	0.00	0.00
9,900.00	90.00	0.00	5,175.00	4,926.66	-10.00	4,926.66	0.00	0.00	0.00
10,000.00	90.00	0.00	5,175.00	5,026.66	-10.00	5,026.66	0.00	0.00	0.00
10,100.00	90.00	0.00	5,175.00	5,126.66	-10.00	5,126.66	0.00	0.00	0.00
10,200.00	90.00	0.00	5,175.00	5,226.66	-10.00	5,226.66	0.00	0.00	0.00
10,300.00	90.00	0.00	5,175.00	5,326.66	-10.00	5,326.66	0.00	0.00	0.00
10,400.00	90.00	0.00	5,175.00	5,426.66	-10.00	5,426.66	0.00	0.00	0.00
10,500.00	90.00	0.00	5,175.00	5,526.66	-10.00	5,526.66	0.00	0.00	0.00
10,600.00	90.00	0.00	5,175.00	5,626.66	-10.00	5,626.66	0.00	0.00	0.00
10,700.00	90.00	0.00	5,175.00	5,726.66	-10.00	5,726.66	0.00	0.00	0.00
10,800.00	90.00	0.00	5,175.00	5,826.66	-10.00	5,826.66	0.00	0.00	0.00
10,900.00	90.00	0.00	5,175.00	5,926.66	-10.00	5,926.66	0.00	0.00	0.00
11,000.00	90.00	0.00	5,175.00	6,026.66	-10.00	6,026.66	0.00	0.00	0.00
11,100.00	90.00	0.00	5,175.00	6,126.66	-10.00	6,126.66	0.00	0.00	0.00
11,200.00	90.00	0.00	5,175.00	6,226.66	-10.00	6,226.66	0.00	0.00	0.00
11,300.00	90.00	0.00	5,175.00	6,326.66	-10.00	6,326.66	0.00	0.00	0.00
11,400.00	90.00	0.00	5,175.00	6,426.66	-10.00	6,426.66	0.00	0.00	0.00
11,500.00	90.00	0.00	5,175.00	6,526.66	-10.00	6,526.66	0.00	0.00	0.00
11,600.00	90.00	0.00	5,175.00	6,626.66	-10.00	6,626.66	0.00	0.00	0.00
11,700.00	90.00	0.00	5,175.00	6,726.66	-10.00	6,726.66	0.00	0.00	0.00
11,800.00	90.00	0.00	5,175.00	6,826.66	-10.00	6,826.66	0.00	0.00	0.00
11,900.00	90.00	0.00	5,175.00	6,926.66	-10.00	6,926.66	0.00	0.00	0.00
12,000.00	90.00	0.00	5,175.00	7,026.66	-10.00	7,026.66	0.00	0.00	0.00
12,060.36	90.00	0.00	5,175.00	7,087.02	-10.00	7,087.02	0.00	0.00	0.00
TD at 12060.36 MD									

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
SHL Trinity 26-23 State (- plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	820,123.33	926,694.32	33.248	-103.073
FTP/PP Trinity 26-23 Sta - plan hits target center - Point	0.00	0.00	5,175.00	687.00	-10.00	820,810.33	926,684.32	33.250	-103.073
LTP/BHL Trinity 26-23 S - plan hits target center - Point	0.00	0.00	5,175.00	7,087.02	-10.00	827,210.33	926,684.32	33.268	-103.073

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
300.00	300.00	0.00	0.00	Start Build 1.00 at 300 MD
833.93	833.15	-24.82	-1.43	Start 1339.50 hold at 833.93 MD
2,173.43	2,166.85	-149.26	-8.57	Start Drop -1.00 at 2173.43 MD
2,707.36	2,700.00	-174.08	-10.00	Start 1652.99 hold at 2707.36 MD
4,360.35	4,352.99	-174.08	-10.00	Start Build 8.00 at 4360.55 MD
5,110.35	4,973.24	184.02	-10.00	Start 250.00 hold at 5110.35 MD
5,360.35	5,098.24	400.53	-10.00	Start DLS 10.00 TFO 0.00 at 5360.35 MD
5,660.35	5,175.00	687.01	-10.00	Start 6400.01 hold at 5660.35 MD
12,060.36	5,175.00	7,087.02	-10.00	TD at 12060.36 MD

Steward Energy II, LLC

Lea County, NM (NAD 83) NM East Zone
Trinity 26-23 State Com 5H
Trinity 26-23 State Com 5H

Wellbore #1

Plan: Plan #2 BLM

Standard Planning Report - Geographic

14 July, 2021

Planning Report - Geographic

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Project Lea County, NM (NAD 83) NM East Zone

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Trinity 26-23 State Com 5H

Site Position:		**Northing:**	820,123.33 usft	**Latitude:**	33.248
From:	Lat/Long	**Easting:**	926,694.32 usft	**Longitude:**	-103.073
Position Uncertainty:	0.00 ft	**Slot Radius:**	13.200 in		

Well Trinity 26-23 State Com 5H

Well Position	**+N/-S**	0.00 ft	**Northing:**	820,123.33 usft	**Latitude:**	33.248
	+E/-W	0.00 ft	**Easting:**	926,694.32 usft	**Longitude:**	-103.073
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	3,791.00 ft
Grid Convergence:		0.69 °				

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/14/2021	6.37	60.90	48,136.80987982

Design Plan #2 BLM

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	0.00

Plan Survey Tool Program **Date** 7/14/2021

	Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	12,060.36	Plan #2 BLM (Wellbore #1)	MWD MWD - Standard	

Planning Report - Geographic

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
833.93	5.34	183.29	833.15	-24.82	-1.43	1.00	1.00	0.00	183.29	
2,173.43	5.34	183.29	2,166.85	-149.26	-8.57	0.00	0.00	0.00	0.00	
2,707.36	0.00	0.00	2,700.00	-174.08	-10.00	1.00	-1.00	0.00	180.00	
4,360.35	0.00	0.00	4,352.99	-174.08	-10.00	0.00	0.00	0.00	0.00	
5,110.35	60.00	0.00	4,973.24	184.02	-10.00	8.00	8.00	0.00	0.00	
5,360.35	60.00	0.00	5,098.24	400.53	-10.00	0.00	0.00	0.00	0.00	
5,660.35	90.00	0.00	5,175.00	687.01	-10.00	10.00	10.00	0.00	0.00	
12,060.36	90.00	0.00	5,175.00	7,087.02	-10.00	0.00	0.00	0.00	0.00	LTP/BHL Trinity 26-23

Planning Report - Geographic

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	820,123.33	926,694.32	33.248	-103.073
100.00	0.00	0.00	100.00	0.00	0.00	820,123.33	926,694.32	33.248	-103.073
200.00	0.00	0.00	200.00	0.00	0.00	820,123.33	926,694.32	33.248	-103.073
300.00	0.00	0.00	300.00	0.00	0.00	820,123.33	926,694.32	33.248	-103.073
Start Build 1.00 at 300 MD									
400.00	1.00	183.29	399.99	-0.87	-0.05	820,122.45	926,694.27	33.248	-103.073
500.00	2.00	183.29	499.96	-3.48	-0.20	820,119.84	926,694.12	33.248	-103.073
600.00	3.00	183.29	599.86	-7.84	-0.45	820,115.49	926,693.87	33.248	-103.073
700.00	4.00	183.29	699.68	-13.93	-0.80	820,109.39	926,693.52	33.248	-103.073
800.00	5.00	183.29	799.37	-21.77	-1.25	820,101.56	926,693.07	33.248	-103.073
833.93	5.34	183.29	833.15	-24.82	-1.43	820,098.51	926,692.89	33.248	-103.073
Start 1339.50 hold at 833.93 MD									
900.00	5.34	183.29	898.94	-30.96	-1.78	820,092.37	926,692.54	33.248	-103.073
1,000.00	5.34	183.29	998.51	-40.25	-2.31	820,083.08	926,692.01	33.248	-103.073
1,100.00	5.34	183.29	1,098.07	-49.54	-2.84	820,073.79	926,691.47	33.248	-103.073
1,200.00	5.34	183.29	1,197.64	-58.83	-3.38	820,064.50	926,690.94	33.248	-103.073
1,300.00	5.34	183.29	1,297.21	-68.12	-3.91	820,055.21	926,690.41	33.248	-103.073
1,400.00	5.34	183.29	1,396.77	-77.41	-4.45	820,045.92	926,689.87	33.248	-103.073
1,500.00	5.34	183.29	1,496.34	-86.70	-4.98	820,036.63	926,689.34	33.248	-103.073
1,600.00	5.34	183.29	1,595.90	-95.99	-5.51	820,027.34	926,688.81	33.248	-103.073
1,700.00	5.34	183.29	1,695.47	-105.28	-6.05	820,018.05	926,688.27	33.248	-103.073
1,800.00	5.34	183.29	1,795.04	-114.57	-6.58	820,008.76	926,687.74	33.248	-103.073
1,900.00	5.34	183.29	1,894.60	-123.86	-7.11	819,999.47	926,687.20	33.248	-103.073
2,000.00	5.34	183.29	1,994.17	-133.15	-7.65	819,990.18	926,686.67	33.248	-103.073
2,100.00	5.34	183.29	2,093.73	-142.44	-8.18	819,980.89	926,686.14	33.248	-103.073
2,173.43	5.34	183.29	2,166.85	-149.26	-8.57	819,974.07	926,685.75	33.248	-103.073
Start Drop -1.00 at 2173.43 MD									
2,200.00	5.07	183.29	2,193.31	-151.67	-8.71	819,971.66	926,685.61	33.248	-103.073
2,300.00	4.07	183.29	2,292.99	-159.63	-9.17	819,963.70	926,685.15	33.248	-103.073
2,400.00	3.07	183.29	2,392.79	-165.85	-9.52	819,957.48	926,684.79	33.248	-103.073
2,500.00	2.07	183.29	2,492.69	-170.33	-9.78	819,952.99	926,684.54	33.248	-103.073
2,600.00	1.07	183.29	2,592.65	-173.07	-9.94	819,950.25	926,684.38	33.248	-103.073
2,700.00	0.07	183.29	2,692.64	-174.07	-10.00	819,949.25	926,684.32	33.248	-103.073
2,707.36	0.00	0.00	2,700.00	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
Start 1652.99 hold at 2707.36 MD									
2,800.00	0.00	0.00	2,792.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
2,900.00	0.00	0.00	2,892.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,000.00	0.00	0.00	2,992.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,100.00	0.00	0.00	3,092.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,200.00	0.00	0.00	3,192.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,300.00	0.00	0.00	3,292.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,400.00	0.00	0.00	3,392.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,500.00	0.00	0.00	3,492.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,600.00	0.00	0.00	3,592.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,700.00	0.00	0.00	3,692.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,800.00	0.00	0.00	3,792.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
3,900.00	0.00	0.00	3,892.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
4,000.00	0.00	0.00	3,992.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
4,100.00	0.00	0.00	4,092.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
4,200.00	0.00	0.00	4,192.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
4,300.00	0.00	0.00	4,292.64	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
4,360.35	0.00	0.00	4,352.99	-174.08	-10.00	819,949.25	926,684.32	33.248	-103.073
Start Build 8.00 at 4360.55 MD									
4,400.00	3.17	0.00	4,392.62	-172.98	-10.00	819,950.35	926,684.32	33.248	-103.073

Planning Report - Geographic

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Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,500.00	11.17	0.00	4,491.76	-160.51	-10.00	819,962.82	926,684.32	33.248	-103.073
4,600.00	19.17	0.00	4,588.20	-134.35	-10.00	819,988.97	926,684.32	33.248	-103.073
4,700.00	27.17	0.00	4,680.05	-95.04	-10.00	820,028.29	926,684.32	33.248	-103.073
4,800.00	35.17	0.00	4,765.55	-43.32	-10.00	820,080.01	926,684.32	33.248	-103.073
4,900.00	43.17	0.00	4,843.01	19.80	-10.00	820,143.12	926,684.32	33.248	-103.073
5,000.00	51.17	0.00	4,910.93	93.08	-10.00	820,216.40	926,684.32	33.248	-103.073
5,100.00	59.17	0.00	4,968.00	175.10	-10.00	820,298.42	926,684.32	33.249	-103.073
5,110.35	60.00	0.00	4,973.24	184.02	-10.00	820,307.35	926,684.32	33.249	-103.073
Start 250.00 hold at 5110.35 MD									
5,200.00	60.00	0.00	5,018.06	261.66	-10.00	820,384.99	926,684.32	33.249	-103.073
5,300.00	60.00	0.00	5,068.06	348.27	-10.00	820,471.59	926,684.32	33.249	-103.073
5,360.35	60.00	0.00	5,098.24	400.53	-10.00	820,523.85	926,684.32	33.249	-103.073
Start DLS 10.00 TFO 0.00 at 5360.35 MD									
5,400.00	63.97	0.00	5,116.86	435.53	-10.00	820,558.85	926,684.32	33.249	-103.073
5,500.00	73.97	0.00	5,152.71	528.74	-10.00	820,652.07	926,684.32	33.250	-103.073
5,600.00	83.97	0.00	5,171.82	626.77	-10.00	820,750.10	926,684.32	33.250	-103.073
5,660.35	90.00	0.00	5,175.00	687.01	-10.00	820,810.33	926,684.32	33.250	-103.073
Start 6400.01 hold at 5660.35 MD									
5,700.00	90.00	0.00	5,175.00	726.66	-10.00	820,849.98	926,684.32	33.250	-103.073
5,800.00	90.00	0.00	5,175.00	826.66	-10.00	820,949.98	926,684.32	33.250	-103.073
5,900.00	90.00	0.00	5,175.00	926.66	-10.00	821,049.98	926,684.32	33.251	-103.073
6,000.00	90.00	0.00	5,175.00	1,026.66	-10.00	821,149.98	926,684.32	33.251	-103.073
6,100.00	90.00	0.00	5,175.00	1,126.66	-10.00	821,249.98	926,684.32	33.251	-103.073
6,200.00	90.00	0.00	5,175.00	1,226.66	-10.00	821,349.98	926,684.32	33.251	-103.073
6,300.00	90.00	0.00	5,175.00	1,326.66	-10.00	821,449.98	926,684.32	33.252	-103.073
6,400.00	90.00	0.00	5,175.00	1,426.66	-10.00	821,549.98	926,684.32	33.252	-103.073
6,500.00	90.00	0.00	5,175.00	1,526.66	-10.00	821,649.98	926,684.32	33.252	-103.073
6,600.00	90.00	0.00	5,175.00	1,626.66	-10.00	821,749.98	926,684.32	33.253	-103.073
6,700.00	90.00	0.00	5,175.00	1,726.66	-10.00	821,849.98	926,684.32	33.253	-103.073
6,800.00	90.00	0.00	5,175.00	1,826.66	-10.00	821,949.98	926,684.32	33.253	-103.073
6,900.00	90.00	0.00	5,175.00	1,926.66	-10.00	822,049.98	926,684.32	33.253	-103.073
7,000.00	90.00	0.00	5,175.00	2,026.66	-10.00	822,149.98	926,684.32	33.254	-103.073
7,100.00	90.00	0.00	5,175.00	2,126.66	-10.00	822,249.98	926,684.32	33.254	-103.073
7,200.00	90.00	0.00	5,175.00	2,226.66	-10.00	822,349.98	926,684.32	33.254	-103.073
7,300.00	90.00	0.00	5,175.00	2,326.66	-10.00	822,449.98	926,684.32	33.254	-103.073
7,400.00	90.00	0.00	5,175.00	2,426.66	-10.00	822,549.98	926,684.32	33.255	-103.073
7,500.00	90.00	0.00	5,175.00	2,526.66	-10.00	822,649.98	926,684.32	33.255	-103.073
7,600.00	90.00	0.00	5,175.00	2,626.66	-10.00	822,749.98	926,684.32	33.255	-103.073
7,700.00	90.00	0.00	5,175.00	2,726.66	-10.00	822,849.98	926,684.32	33.256	-103.073
7,800.00	90.00	0.00	5,175.00	2,826.66	-10.00	822,949.98	926,684.32	33.256	-103.073
7,900.00	90.00	0.00	5,175.00	2,926.66	-10.00	823,049.98	926,684.32	33.256	-103.073
8,000.00	90.00	0.00	5,175.00	3,026.66	-10.00	823,149.98	926,684.32	33.256	-103.073
8,100.00	90.00	0.00	5,175.00	3,126.66	-10.00	823,249.98	926,684.32	33.257	-103.073
8,200.00	90.00	0.00	5,175.00	3,226.66	-10.00	823,349.98	926,684.32	33.257	-103.073
8,300.00	90.00	0.00	5,175.00	3,326.66	-10.00	823,449.98	926,684.32	33.257	-103.073
8,400.00	90.00	0.00	5,175.00	3,426.66	-10.00	823,549.98	926,684.32	33.258	-103.073
8,500.00	90.00	0.00	5,175.00	3,526.66	-10.00	823,649.98	926,684.32	33.258	-103.073
8,600.00	90.00	0.00	5,175.00	3,626.66	-10.00	823,749.98	926,684.32	33.258	-103.073
8,700.00	90.00	0.00	5,175.00	3,726.66	-10.00	823,849.98	926,684.32	33.258	-103.073
8,800.00	90.00	0.00	5,175.00	3,826.66	-10.00	823,949.98	926,684.32	33.259	-103.073
8,900.00	90.00	0.00	5,175.00	3,926.66	-10.00	824,049.98	926,684.32	33.259	-103.073
9,000.00	90.00	0.00	5,175.00	4,026.66	-10.00	824,149.98	926,684.32	33.259	-103.073
9,100.00	90.00	0.00	5,175.00	4,126.66	-10.00	824,249.98	926,684.32	33.259	-103.073
9,200.00	90.00	0.00	5,175.00	4,226.66	-10.00	824,349.98	926,684.32	33.260	-103.073

Planning Report - Geographic

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Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,300.00	90.00	0.00	5,175.00	4,326.66	-10.00	824,449.98	926,684.32	33.260	-103.073
9,400.00	90.00	0.00	5,175.00	4,426.66	-10.00	824,549.98	926,684.32	33.260	-103.073
9,500.00	90.00	0.00	5,175.00	4,526.66	-10.00	824,649.98	926,684.32	33.261	-103.073
9,600.00	90.00	0.00	5,175.00	4,626.66	-10.00	824,749.98	926,684.32	33.261	-103.073
9,700.00	90.00	0.00	5,175.00	4,726.66	-10.00	824,849.98	926,684.32	33.261	-103.073
9,800.00	90.00	0.00	5,175.00	4,826.66	-10.00	824,949.98	926,684.32	33.261	-103.073
9,900.00	90.00	0.00	5,175.00	4,926.66	-10.00	825,049.98	926,684.32	33.262	-103.073
10,000.00	90.00	0.00	5,175.00	5,026.66	-10.00	825,149.98	926,684.32	33.262	-103.073
10,100.00	90.00	0.00	5,175.00	5,126.66	-10.00	825,249.97	926,684.32	33.262	-103.073
10,200.00	90.00	0.00	5,175.00	5,226.66	-10.00	825,349.97	926,684.32	33.262	-103.073
10,300.00	90.00	0.00	5,175.00	5,326.66	-10.00	825,449.97	926,684.32	33.263	-103.073
10,400.00	90.00	0.00	5,175.00	5,426.66	-10.00	825,549.97	926,684.32	33.263	-103.073
10,500.00	90.00	0.00	5,175.00	5,526.66	-10.00	825,649.97	926,684.32	33.263	-103.073
10,600.00	90.00	0.00	5,175.00	5,626.66	-10.00	825,749.97	926,684.32	33.264	-103.073
10,700.00	90.00	0.00	5,175.00	5,726.66	-10.00	825,849.97	926,684.32	33.264	-103.073
10,800.00	90.00	0.00	5,175.00	5,826.66	-10.00	825,949.97	926,684.32	33.264	-103.073
10,900.00	90.00	0.00	5,175.00	5,926.66	-10.00	826,049.97	926,684.32	33.264	-103.073
11,000.00	90.00	0.00	5,175.00	6,026.66	-10.00	826,149.97	926,684.32	33.265	-103.073
11,100.00	90.00	0.00	5,175.00	6,126.66	-10.00	826,249.97	926,684.32	33.265	-103.073
11,200.00	90.00	0.00	5,175.00	6,226.66	-10.00	826,349.97	926,684.32	33.265	-103.073
11,300.00	90.00	0.00	5,175.00	6,326.66	-10.00	826,449.97	926,684.32	33.265	-103.073
11,400.00	90.00	0.00	5,175.00	6,426.66	-10.00	826,549.97	926,684.32	33.266	-103.073
11,500.00	90.00	0.00	5,175.00	6,526.66	-10.00	826,649.97	926,684.32	33.266	-103.073
11,600.00	90.00	0.00	5,175.00	6,626.66	-10.00	826,749.97	926,684.32	33.266	-103.073
11,700.00	90.00	0.00	5,175.00	6,726.66	-10.00	826,849.97	926,684.32	33.267	-103.073
11,800.00	90.00	0.00	5,175.00	6,826.66	-10.00	826,949.97	926,684.32	33.267	-103.073
11,900.00	90.00	0.00	5,175.00	6,926.66	-10.00	827,049.97	926,684.32	33.267	-103.073
12,000.00	90.00	0.00	5,175.00	7,026.66	-10.00	827,149.97	926,684.32	33.267	-103.073
12,060.36	90.00	0.00	5,175.00	7,087.02	-10.00	827,210.33	926,684.32	33.268	-103.073
TD at 12060.36 MD									

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
SHL Trinity 26-23 State (- plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	820,123.33	926,694.32	33.248	-103.073
FTP/PP Trinity 26-23 Sta - plan hits target center - Point	0.00	0.00	5,175.00	687.00	-10.00	820,810.33	926,684.32	33.250	-103.073
LTP/BHL Trinity 26-23 St - plan hits target center - Point	0.00	0.00	5,175.00	7,087.02	-10.00	827,210.33	926,684.32	33.268	-103.073

Planning Report - Geographic

Database:	EDM	**Local Co-ordinate Reference:**	Well Trinity 26-23 State Com 5H
Company:	Steward Energy II, LLC	**TVD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Project:	Lea County, NM (NAD 83) NM East Zone	**MD Reference:**	GL 3791' + RKB 17' @ 3808.00ft
Site:	Trinity 26-23 State Com 5H	**North Reference:**	Grid
Well:	Trinity 26-23 State Com 5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 BLM		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
300.00	300.00	0.00	0.00	Start Build 1.00 at 300 MD
833.93	833.15	-24.82	-1.43	Start 1339.50 hold at 833.93 MD
2,173.43	2,166.85	-149.26	-8.57	Start Drop -1.00 at 2173.43 MD
2,707.36	2,700.00	-174.08	-10.00	Start 1652.99 hold at 2707.36 MD
4,360.35	4,352.99	-174.08	-10.00	Start Build 8.00 at 4360.55 MD
5,110.35	4,973.24	184.02	-10.00	Start 250.00 hold at 5110.35 MD
5,360.35	5,098.24	400.53	-10.00	Start DLS 10.00 TFO 0.00 at 5360.35 MD
5,660.35	5,175.00	687.01	-10.00	Start 6400.01 hold at 5660.35 MD
12,060.36	5,175.00	7,087.02	-10.00	TD at 12060.36 MD

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: Steward Energy II LLC **OGRID:** 371682 **Date:** 8/25/2021

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Trinity 26-23 State Com 5H	30-025-49419	E-26-12S-38E	1916 FNL	100	80	250
			1000 FWL			

IV. Central Delivery Point Name: _____ [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Trinity 26-23 State Com 5H	30-025-49419	10/24/2021	11/01/2021	11/08/2021	n/a (no flowback)	12/15/2021

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	
Printed Name:	Ben Barton
Title:	Operations
E-mail Address:	ben.barton@stewardenergy.com
Date:	8.25.21
Phone:	214 297 0512

OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)	
Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

Natural Gas Management Plan - Attachment

VI. Separation equipment will be sized by engineering staff based on stated manufacturer daily throughput capacities and anticipated daily production rates to ensure adequate capacity. Closed vent system piping, compression needs, and VRUs will be sized utilizing modelling software to ensure adequate capacity for anticipated production volumes and conditions.

VII. Steward Energy II, LLC (SEII) will take the following actions to comply with the regulations listed in 19.15.27.8:

A. SEII will maximize the recovery of natural gas by minimizing the waste, as defined by 19.15.2 NMAC, of natural gas through venting and flaring. SEII will ensure that well(s) will be connected to a natural gas gathering system with sufficient capacity to transport natural gas. If there is no adequate takeaway for the gas, well(s) will be shut in until the natural gas gathering system is available.

B. All drilling operations will be equipped with a rig flare located at least 100' from the nearest surface hole. Rig flare will be utilized to combust any natural gas that is brought to surface during normal drilling operations. In the case of emergency venting or flaring the volumes will be estimated and reported appropriately.

C. During completion, SEII does not allow the well to flow during CO so there will be nothing to flare. Immediately following the finish of completion operations. Produced natural gas from separation equipment will be sent to sales. It is not anticipated that gas will not meet pipeline standards. However, if natural gas does not meet gathering pipeline quality specifications, SEII will flare the natural gas for 60 days or until the natural gas meets the pipeline quality specifications, whichever is sooner. SEII will ensure that the flare is sized properly and is equipped with automatic igniter or continuous pilot. The gas sample will be analyzed twice per week and the gas will be routed into a gathering system as soon as pipeline specifications are met.

D. Natural gas will not be flared with the exceptions and provisions listed in the 19.15.27.8 D.(I) through (4). If there is no adequate takeaway for the separator gas, well(s) will be shut in until the natural gas gathering system is available with exception of emergency or malfunction situations. Venting and/or flaring volumes will be estimated and reported appropriately.

E. SEII will comply with the performance standards requirements and provisions listed in 19.15.27.8 E.(I)through (8). All equipment will be designed and sized to handle maximum anticipated pressures and throughputs to minimize the waste. Production storage tanks constructed after May 25, 2021, will be equipped with automatic gauging system. Flares constructed after May 25, 2021, will be equipped with automatic igniter or continuous pilot. Flares will be located at least 100' from the

well and storage tanks unless otherwise approved by the division. SEII will conduct AVO (LDAR) inspections as described in 19.15.27.8 E (5) (a) with frequencies specified in 19.15.27.8 E (5) (b) and (c). All emergencies will be resolved as quickly and safely as feasible to minimize waste.

F. The volume of natural gas that is vented or flared as the result of malfunction or emergency during drilling and completions operations will be estimated. The volume of natural gas that is vented, flared, or beneficially used during production operations, will be measured, or estimated. SEII will install equipment to measure the volume of natural gas flared from existing process piping, or a flowline piped from equipment such as high-pressure separators, heater treaters, or vapor recovery units associated with a well or facility associated with a well authorized by an APD issued after May 25, 2021, that has an average daily production greater than 60 Mcf/day. If metering is not practicable due to circumstances such as low flow rate or low pressure venting and flaring, SEII will estimate the volume of vented or flared natural gas. Measuring equipment will conform to industry standards and will not be designed or equipped with a manifold that allows the diversion of natural gas around the metering element except for the sole purpose of inspecting and servicing the measurement equipment.

VIII. For maintenance activities involving production equipment and compression, venting will be limited to the depressurization of the subject equipment to ensure safe working conditions. For maintenance of production and compression equipment the associated producing wells will be shut in to eliminate venting. For maintenance of VRUs all gas normally routed to the VRU will be routed to flare to eliminate venting.