

Well Name: Steel Guitar 35-26 Fed Com	Well Location: T26S / R29E / SEC 26 / NENW / 32.0186 / -103.957	County or Parish/State: EDDY / NM
Well Number: 423H	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM19609	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001554704	Operator: WPX ENERGY PERMIAN LLC	

Notice of Intent

Sundry ID: 2831399

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 01/13/2025	Time Sundry Submitted: 02:27
Date proposed operation will begin: 01/13/2025	

Procedure Description: Devon Energy Production Co., L.P. (Devon) respectfully requests to change the BHL and spacing on the subject well. Dedicated acreage changes from 862.40 acs to 431.99 acs. Please see attached revised C102, drill plan, and directional plan. Drill plan attachment was previously approved in Sundry ID 2772998. Permitted BHL: LOT 10, 35-26S-29E, 1745 FNL & 1890 FWL Proposed BHL: LOT 10, 35-26S-29E, 42 FSL & 1842 FWL

NOI Attachments

Procedure Description

- STEEL_GUITAR_35_26_FED_COM_423H_01.22.25_20250122094946.pdf
- STEEL_GUITAR_35_26_fED_COM_423H_AS_DRILLED_SIGNED_20250122094947.pdf
- STEEL_GUITAR_35_26_FED_COM_423H_DIRECTIONAL_PLAN_FINAL_SURVEYS_20250113142501.pdf

Received by OCD: 1/29/2025 9:18:09 AM

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Well Name: Steel Guitar 35-26 Fed Com	Well Location: T26S / R29E / SEC 26 / NENW / 32.0186 / -103.957	County or Parish/State: EDDY / NM
Well Number: 423H	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM19609	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001554704	Operator: WPX ENERGY PERMIAN LLC	

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHANDEE THOMAS	Signed on: JAN 22, 2025 09:52 AM
Name: WPX ENERGY PERMIAN LLC	
Title: Regulatory Professional	
Street Address: 333 W SHERDIAN AVE	
City: OKLAHOMA CITY	State: OK
Phone: (405) 552-7853	
Email address: SHANDEE.THOMAS@DVN.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: LONG VO	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5759885402	BLM POC Email Address: LVO@BLM.GOV
Disposition: Approved	Disposition Date: 01/29/2025
Signature: Long Vo	

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NENW / 437 FNL / 1927 FWL / TWSP: 26S / RANGE: 29E / SECTION: 26 / LAT: 32.0186 / LONG: -103.957 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 100 FNL / 2410 FWL / TWSP: 26S / RANGE: 29E / SECTION: 26 / LAT: 32.0195253 / LONG: -103.9553418 (TVD: 9958 feet, MD: 10000 feet)

BHL: LOT 10 / 1794 FNL / 2040 FWL / TWSP: 26S / RANGE: 29E / SECTION: 35 / LAT: 32.0002414 / LONG: -103.9565709 (TVD: 10327 feet, MD: 17193 feet)

CONFIDENTIAL

STEEL GUITAR 35-26 FED COM 423H

1. Geologic Formations

TVD of target	10246	Pilot hole depth	N/A
MD at TD:	17108	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	386		
Salt	1261		
Base of Salt	2967		
Delaware	2967		
Cherry Canyon	4007		
Brushy Canyon	5096		
1st Bone Spring Lime	6701		
Bone Spring 1st	7627		
Bone Spring 2nd	8224		
3rd Bone Spring Lime	8687		
Bone Spring 3rd	9527		
Wolfcamp	9839		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

STEEL GUITAR 35-26 FED COM 423H

2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Top (MD)	Bottom (MD)	Top (TVD)	Bottom (TVD)
17 1/2	13 3/8	54.5	J-55	BTC	0.0	460 MD	0	460 TVD
12 1/4	9 5/8	40.0	J-55	BTC	0.0	3100 MD	0	3100 TVD
8 3/4	7 5/8	29.7	P110 HSCY	MO-FXL	0	9602 MD	0	9602 TVD
6 3/4	5 1/2	20.0	P110 & VA-EP-P110	Sprint FJ & Varn	0	17108 MD	0	10246 TVD

•All casing strings will be tested in accordance with 43 CFR 3172. Must have table for contingency casing.

• Surface shoe must be set 70' into Rustler Formation: ROP will be the primary indicator of Rustler Depth

** Intermediate 1 shoe depth for all wells will be 100' MD above KOP

o 5-1/2" Production Casing will include Sprint Flush Joint connection (5.783") from base of curve and 500ft into 7-5/8" casing shoe

o All other 5-1/2" Production Casing will run Varn (6.05")

3. Cementing Program (Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft3/sack)	Slurry Description
Surface	371	Surf	13.2	1.44	Lead: Class C Cement + additives
Int	317	Surf	9	3.27	Lead: Class C Cement + additives
	154	2600	13.2	1.44	Tail: Class H / C + additives
Int 1	166	3100	9	3.27	Lead: Class C Cement + additives
	416	5096	13.2	1.44	Tail: Class H / C + additives
Production	62	7716	9	3.27	Lead: Class H / C + additives
	472	9716	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate and Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

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4. Pressure Control Equipment (Four String Design)

BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:
Int	13-5/8"	5M	Annular		X	50% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
Int 1	13-5/8"	5M	Annular (5M)		X	100% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
Production	13-5/8"	5M	Annular (5M)		X	100% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.					
N	A variance is requested to run a 5 M annular on a 10M system					

STEEL GUITAR 35-26 FED COM 423H

5. Mud Program (Four String Design)

Section	Type	Weight (ppg)
Surface	WBM	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Intermediate 1	WBM	8.5-9
Production	OBM	10-10.5

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
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6. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	5594
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H₂S) monitors will be installed prior to drilling out the surface shoe. If H₂S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of 43 CFR 3176. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H ₂ S is present
Y	H ₂ S plan attached.

STEEL GUITAR 35-26 FED COM 423H

8. Other facets of operation

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
 - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.,
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (43 CFR 3172, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pa.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. A that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
 - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan
 Other, describe

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☒ As Drilled

WELL LOCATION INFORMATION

API Number 30-015-54704	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code 333183	Property Name STEEL GUITAR 35-26 FED COM	Well Number 423H
OGRID No. 6137	Operator Name WPX ENERGY PERMIAN, LLC	Ground Level Elevation 2889.1
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL C	Section 26	Township 26 S	Range 29 E	Lot	Ft. from N/S 407 NORTH	Ft. from E/W 1929 WEST	Latitude 32.0186995°N	Longitude 103.9569410°W	County EDDY
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Bottom Hole Location

UL	Section 35	Township 26 S	Range 29 E	Lot 10	Ft. from N/S 42 SOUTH	Ft. from E/W 1842 WEST	Latitude 32.0002189°N	Longitude 103.9580143°W	County EDDY
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Dedicated Acres 431.99	Infill or Defining Well INFILL	Defining Well API 30-015-49377	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL C	Section 26	Township 26 S	Range 29 E	Lot	Ft. from N/S 125 NORTH	Ft. from E/W 1830 WEST	Latitude 32.0194760°N	Longitude 103.9572142°W	County EDDY
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First Take Point (FTP)

UL C	Section 26	Township 26 S	Range 29 E	Lot	Ft. from N/S 574 NORTH	Ft. from E/W 1887 WEST	Latitude 32.0182418°N	Longitude 103.9571015°W	County EDDY
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Last Take Point (LTP)

UL	Section 35	Township 26 S	Range 29 E	Lot 10	Ft. from N/S 125 SOUTH	Ft. from E/W 1848 WEST	Latitude 32.0002189°N	Longitude 103.9580143°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.


Signature Date 1/9/25

SHANDEE THOMAS

Printed Name

SHANDEE.THOMAS@DVN.COM

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

OCTOBER 24, 2024

SURVEY NO. 9858B

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

STEEL GUITAR 35-26 FED COM 423H
EL. = 2889.1

GEODETIC COORDINATES
NAD 83 NMSP EAST
SURFACE LOCATION
407' FNL, 1929' FWL
N.=370744.98
E.=657991.31
LAT.=32.0186995°N
LONG.=103.9569410°W

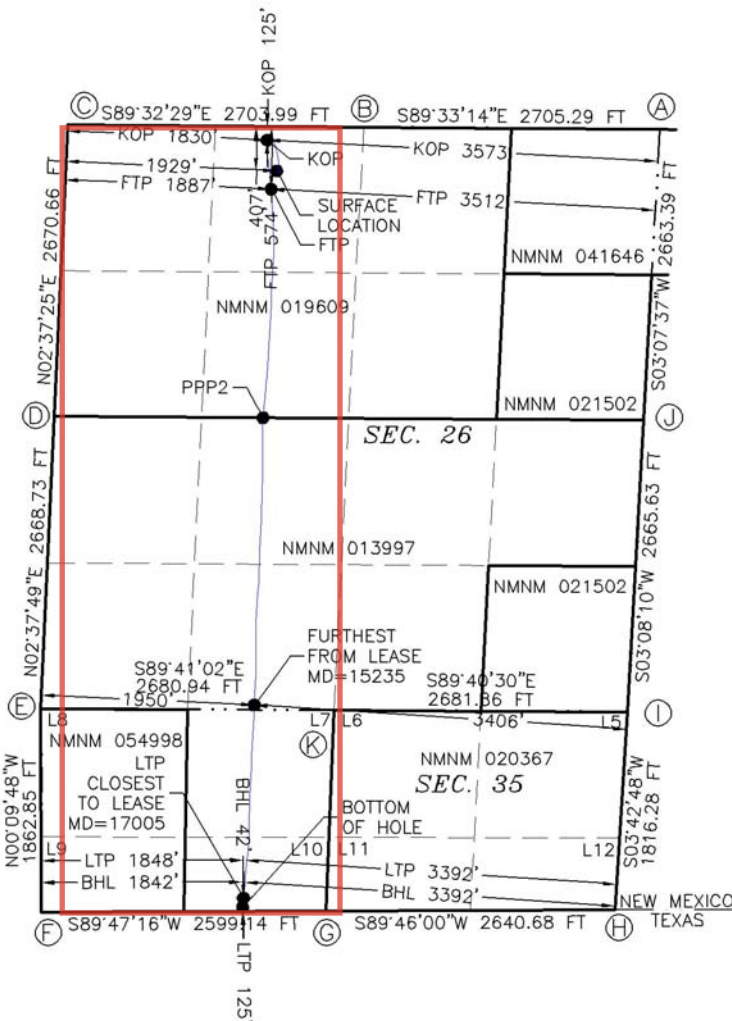
KICK OFF POINT
125' FNL, 1830' FWL
N.=371027.16
E.=657905.65
LAT.=32.0194760°N
LONG.=103.9572142°W

FIRST TAKE POINT
574' FNL, 1887' FWL
N.=370578.30
E.=657942.15
LAT.=32.0182418°N
LONG.=103.9571015°W

LAST TAKE POINT
125' FSL, 1848' FWL
N.=364103.66
E.=657688.19
LAT.=32.0004458°N
LONG.=103.9579934°W

BOTTOM OF HOLE
42' FSL, 1842' FWL
N.=364021.11
E.=657682.00
LAT.=32.0002189°N
LONG.=103.9580143°W

PPP2
2666' FNL, 1909' FWL
N.=368487.73
E.=657868.24
LAT.=32.0124956°N
LONG.=103.9573635°W



AS-DRILLED

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A - N.= 371124.47	E.= 661488.25
B - N.= 371145.53	E.= 658783.63
C - N.= 371167.17	E.= 656080.31
D - N.= 368499.89	E.= 655958.09
E - N.= 365834.55	E.= 655835.64
F - N.= 363972.11	E.= 655840.95
G - N.= 363981.73	E.= 658439.51
H - N.= 363992.48	E.= 661079.59
I - N.= 365804.56	E.= 661197.19
J - N.= 368465.62	E.= 661343.00
K - N.= 365819.76	E.= 658515.96

LEGEND

— · — · — · — · — · — · —	SECTION LINE
— — — — —	QUARTER LINE
— — — — —	LEASE LINE
— — — — —	WELL PATH



STEEL GUITAR 35-26 FED COM 423H

WELL DETAILS: STEEL GUITAR 35-26 FED COM 423H

ELEVATION: 2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)

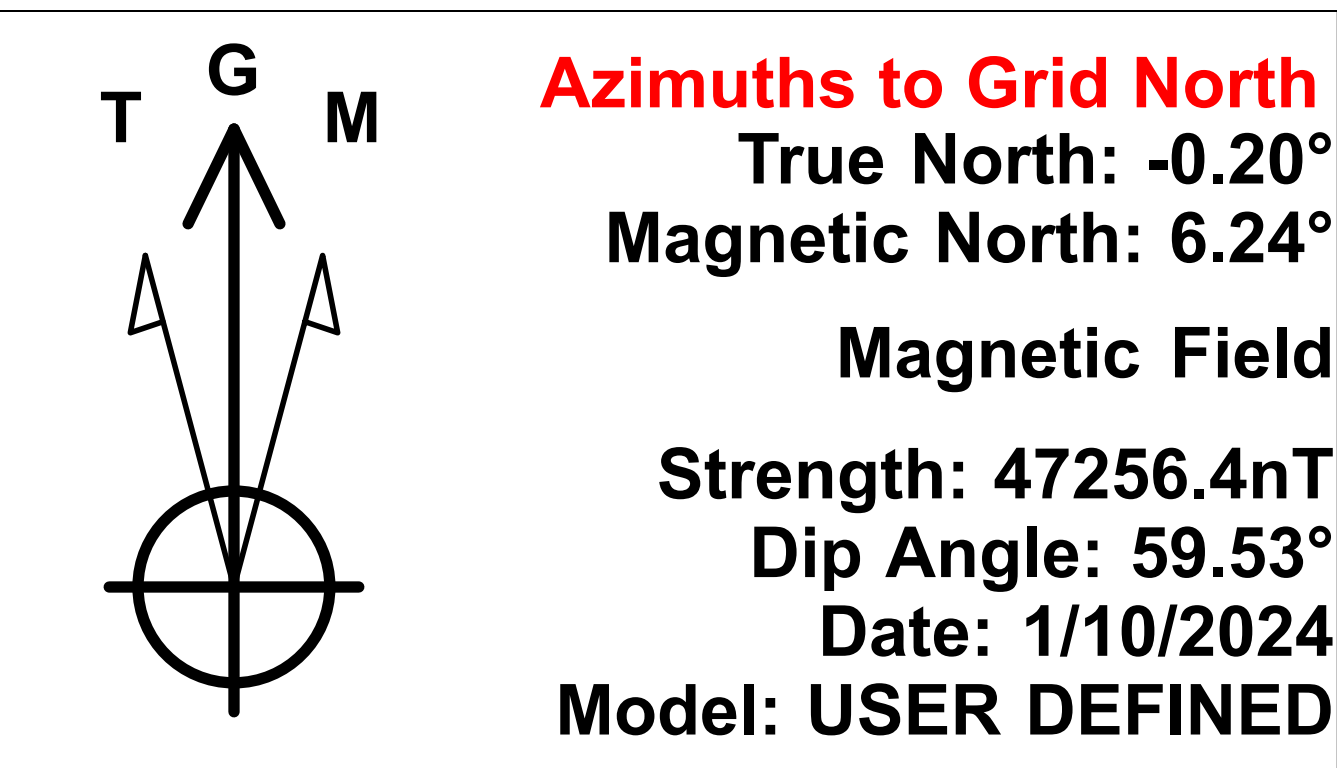
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	370744.98	657991.31	32.01869951	-103.95694102

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
15281.00	89.93	182.51	10271.09	-4923.66	-205.05	4927.90	5649.50	X SEC LINE: 15281' MD 10271.09' TVD
17027.00	85.98	184.22	10275.00	-6664.65	-304.90	6671.46	7394.09	LS: 17027' MD 10275' TVD
17029.00	85.98	184.22	10275.14	-6666.64	-305.05	6673.45	7396.08	X 100' FSL: 17029' MD 10275.14' TVD
17088.00	85.98	184.22	10279.27	-6725.33	-309.38	6732.27	7454.94	PTB: 17088' MD 10279.27' TVD

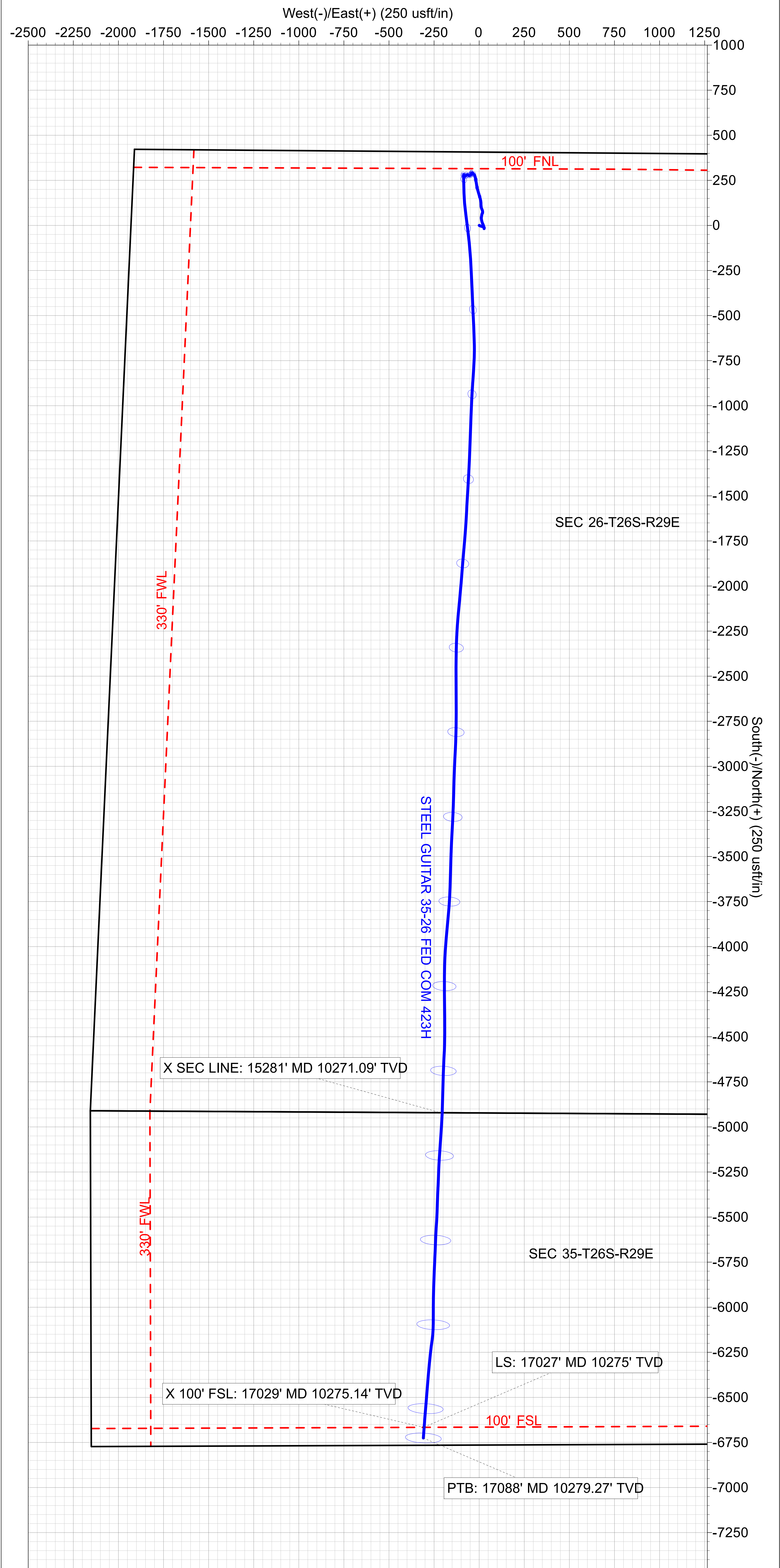
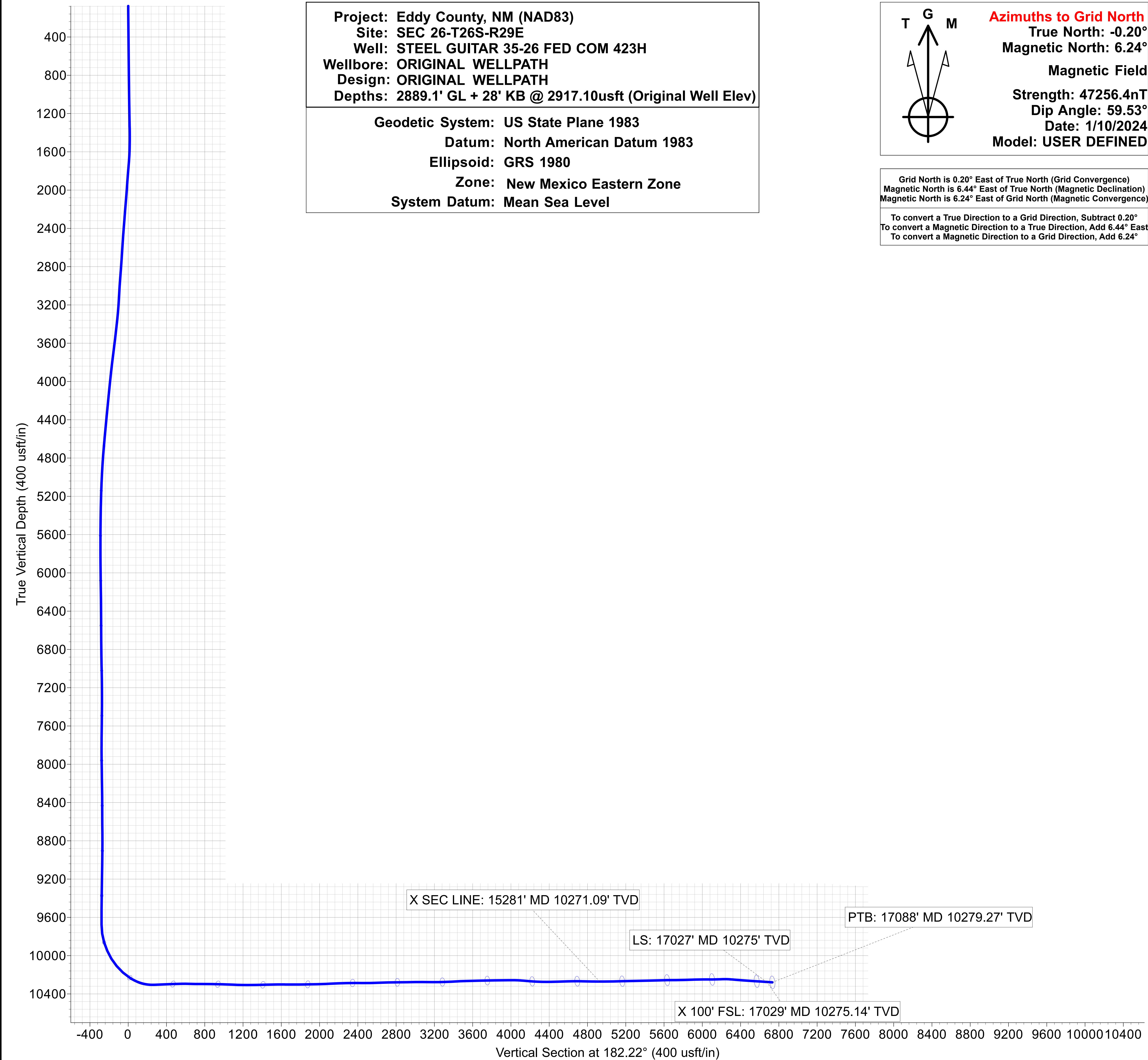
Project: Eddy County, NM (NAD83)
Site: SEC 26-T26S-R29E
Well: STEEL GUITAR 35-26 FED COM 423H
Wellbore: ORIGINAL WELLPATH
Design: ORIGINAL WELLPATH
Depths: 2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level



Grid North is 0.20° East of True North (Grid Convergence)
Magnetic North is 6.44° East of True North (Magnetic Declination)
Magnetic North is 6.24° East of Grid North (Magnetic Convergence)

To convert a True Direction to a Grid Direction, Subtract 0.20°
To convert a Magnetic Direction to a True Direction, Add 6.44° East
To convert a Magnetic Direction to a Grid Direction, Add 6.24°





Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well STEEL GUITAR 35-26 FED COM 423H
Project:	Eddy County, NM (NAD83)	TVD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Site:	SEC 26-T26S-R29E	MD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Well:	STEEL GUITAR 35-26 FED COM 423H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Project	Eddy County, NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		SEC 26-T26S-R29E				
Site Position:		Northing:	370,725.42	usft	Latitude:	32.01864663
From:	Map	Easting:	657,898.43	usft	Longitude:	-103.95724092
Position Uncertainty:	0.50	usft	Slot Radius:	13-3/16	"	

Well	STEEL GUITAR 35-26 FED COM 423H					
Well Position	+N/-S	0.00 usft	Northing:	370,744.98 usft	Latitude:	32.01869951
	+E/-W	0.00 usft	Easting:	657,991.31 usft	Longitude:	-103.95694102
Position Uncertainty		0.50 usft	Wellhead Elevation:	usft	Ground Level:	2,889.10 usft
Grid Convergence:		0.20 °				

Wellbore	ORIGINAL WELLPATH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	1/10/2024	6.44	59.53	47,256.40000000

Design	ORIGINAL WELLPATH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	182.22	

Survey Program	Date	5/1/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
129.00	17,088.00	SB MWD (ORIGINAL WELLPATH)	MWD+HRGM	OWSG MWD + HRGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
129.00	1.10	104.68	128.99	-0.31	1.20	0.27	0.85	0.85	0.00	
216.00	1.32	116.89	215.97	-0.98	2.90	0.87	0.39	0.25	14.03	
312.00	1.76	115.22	311.94	-2.11	5.22	1.90	0.46	0.46	-1.74	
403.00	2.55	107.84	402.87	-3.32	8.41	2.99	0.92	0.87	-8.11	
438.00	2.73	107.49	437.84	-3.81	9.95	3.42	0.52	0.51	-1.00	
581.00	2.37	104.50	580.69	-5.58	16.06	4.95	0.27	-0.25	-2.09	
672.00	2.02	106.79	671.63	-6.51	19.41	5.75	0.40	-0.38	2.52	



Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well STEEL GUITAR 35-26 FED COM 423H
Project:	Eddy County, NM (NAD83)	TVD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Site:	SEC 26-T26S-R29E	MD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Well:	STEEL GUITAR 35-26 FED COM 423H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
761.00	1.67	115.40	760.58	-7.52	22.09	6.66	0.50	-0.39	9.67
851.00	1.36	108.28	850.55	-8.42	24.29	7.47	0.40	-0.34	-7.91
941.00	1.19	133.95	940.53	-9.40	25.97	8.38	0.66	-0.19	28.52
1,031.00	1.10	146.07	1,030.51	-10.77	27.13	9.70	0.29	-0.10	13.47
1,119.00	1.01	162.07	1,118.50	-12.20	27.84	11.11	0.35	-0.10	18.18
1,208.00	1.05	183.87	1,207.48	-13.76	28.03	12.67	0.44	0.04	24.49
1,299.00	1.01	196.17	1,298.47	-15.37	27.75	14.28	0.25	-0.04	13.52
1,387.00	0.84	183.08	1,386.46	-16.76	27.49	15.68	0.31	-0.19	-14.88
1,477.00	0.09	331.52	1,476.45	-17.35	27.43	16.27	1.02	-0.83	164.93
1,567.00	1.63	358.86	1,566.44	-16.01	27.37	14.94	1.72	1.71	30.38
1,662.00	3.69	353.14	1,661.33	-11.62	26.97	10.57	2.18	2.17	-6.02
1,755.00	5.01	343.65	1,754.06	-4.76	25.47	3.76	1.61	1.42	-10.20
1,850.00	5.23	338.11	1,848.69	3.24	22.69	-4.12	0.57	0.23	-5.83
1,944.00	4.44	332.84	1,942.35	10.46	19.43	-11.20	0.96	-0.84	-5.61
2,039.00	4.66	339.70	2,037.05	17.35	16.42	-17.97	0.62	0.23	7.22
2,132.00	5.01	349.10	2,129.72	24.88	14.34	-25.42	0.93	0.38	10.11
2,226.00	4.57	349.72	2,223.39	32.59	12.89	-33.07	0.47	-0.47	0.66
2,320.00	4.48	355.43	2,317.10	39.94	11.93	-40.37	0.49	-0.10	6.07
2,415.00	4.53	14.50	2,411.81	47.27	12.58	-47.72	1.57	0.05	20.07
2,509.00	4.04	6.06	2,505.55	54.15	13.86	-54.65	0.85	-0.52	-8.98
2,603.00	3.82	11.69	2,599.33	60.51	14.84	-61.04	0.47	-0.23	5.99
2,697.00	3.87	31.82	2,693.12	66.28	17.15	-66.89	1.43	0.05	21.41
2,792.00	4.57	7.56	2,787.87	72.75	19.33	-73.45	2.00	0.74	-25.54
2,885.00	4.44	345.23	2,880.59	79.91	18.90	-80.58	1.88	-0.14	-24.01
2,980.00	4.40	336.71	2,975.31	86.81	16.53	-87.39	0.69	-0.04	-8.97
3,058.00	3.74	338.29	3,053.11	91.92	14.40	-92.41	0.86	-0.85	2.03
3,184.00	3.52	345.23	3,178.86	99.48	11.90	-99.87	0.39	-0.17	5.51
3,278.00	5.01	353.76	3,272.60	106.35	10.71	-106.69	1.72	1.59	9.07
3,372.00	6.24	357.71	3,366.14	115.54	10.06	-115.84	1.37	1.31	4.20
3,466.00	6.37	358.86	3,459.58	125.85	9.76	-126.14	0.19	0.14	1.22
3,559.00	6.86	349.80	3,551.96	136.48	8.67	-136.71	1.24	0.53	-9.74
3,652.00	7.43	345.32	3,644.24	147.76	6.16	-147.89	0.86	0.61	-4.82
3,746.00	7.52	344.00	3,737.44	159.55	2.93	-159.55	0.21	0.10	-1.40
3,840.00	7.16	341.98	3,830.67	171.04	-0.58	-170.89	0.47	-0.38	-2.15
3,932.00	6.37	343.30	3,922.03	181.38	-3.82	-181.09	0.88	-0.86	1.43
4,027.00	6.24	345.41	4,016.45	191.42	-6.64	-191.02	0.28	-0.14	2.22
4,122.00	5.98	343.21	4,110.91	201.16	-9.37	-200.64	0.37	-0.27	-2.32
4,217.00	5.76	348.13	4,205.42	210.56	-11.78	-209.94	0.58	-0.23	5.18
4,311.00	5.58	351.47	4,298.96	219.70	-13.42	-219.01	0.40	-0.19	3.55
4,404.00	5.45	351.03	4,391.53	228.53	-14.78	-227.78	0.15	-0.14	-0.47
4,499.00	5.45	351.83	4,486.10	237.45	-16.13	-236.65	0.08	0.00	0.84
4,593.00	5.23	350.16	4,579.69	246.09	-17.50	-245.23	0.29	-0.23	-1.78



Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well STEEL GUITAR 35-26 FED COM 423H
Project:	Eddy County, NM (NAD83)	TVD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Site:	SEC 26-T26S-R29E	MD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Well:	STEEL GUITAR 35-26 FED COM 423H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,687.00	4.84	348.49	4,673.33	254.20	-19.02	-253.27	0.44	-0.41	-1.78	
4,781.00	4.88	348.66	4,766.99	262.00	-20.60	-261.01	0.05	0.04	0.18	
4,875.00	4.04	342.86	4,860.70	269.09	-22.36	-268.02	1.01	-0.89	-6.17	
4,969.00	3.16	339.87	4,954.52	274.69	-24.23	-273.54	0.96	-0.94	-3.18	
5,063.00	2.81	333.81	5,048.39	279.19	-26.13	-277.96	0.50	-0.37	-6.45	
5,156.00	2.46	318.78	5,141.29	282.73	-28.46	-281.41	0.83	-0.38	-16.16	
5,250.00	2.33	313.77	5,235.21	285.57	-31.16	-284.15	0.26	-0.14	-5.33	
5,344.00	2.15	309.29	5,329.14	288.01	-33.91	-286.48	0.27	-0.19	-4.77	
5,438.00	1.93	293.73	5,423.08	289.76	-36.72	-288.12	0.63	-0.23	-16.55	
5,532.00	1.98	286.26	5,517.02	290.86	-39.73	-289.09	0.28	0.05	-7.95	
5,627.00	0.53	319.66	5,612.00	291.65	-41.59	-289.81	1.65	-1.53	35.16	
5,721.00	0.09	249.35	5,706.00	291.95	-41.94	-290.11	0.54	-0.47	-74.80	
5,815.00	0.31	218.85	5,800.00	291.73	-42.17	-289.87	0.25	0.23	-32.45	
5,910.00	0.44	188.70	5,895.00	291.17	-42.39	-289.31	0.24	0.14	-31.74	
6,004.00	0.57	188.00	5,988.99	290.35	-42.51	-288.48	0.14	0.14	-0.74	
6,096.00	0.62	187.29	6,080.99	289.40	-42.63	-287.53	0.05	0.05	-0.77	
6,191.00	0.92	203.82	6,175.98	288.20	-43.01	-286.31	0.39	0.32	17.40	
6,285.00	1.36	202.85	6,269.96	286.48	-43.74	-284.56	0.47	0.47	-1.03	
6,378.00	0.40	259.54	6,362.95	285.40	-44.49	-283.46	1.28	-1.03	60.96	
6,472.00	0.53	272.28	6,456.95	285.36	-45.25	-283.39	0.18	0.14	13.55	
6,566.00	0.84	231.50	6,550.94	284.95	-46.22	-282.94	0.59	0.33	-43.38	
6,660.00	0.62	113.73	6,644.93	284.31	-46.30	-282.30	1.34	-0.23	-125.29	
6,754.00	0.62	161.45	6,738.93	283.63	-45.67	-281.64	0.53	0.00	50.77	
6,849.00	0.79	204.35	6,833.92	282.54	-45.78	-280.55	0.57	0.18	45.16	
6,943.00	1.45	217.79	6,927.91	281.01	-46.77	-278.99	0.75	0.70	14.30	
7,037.00	1.89	229.31	7,021.87	279.06	-48.68	-276.96	0.59	0.47	12.26	
7,132.00	1.19	241.44	7,116.83	277.57	-50.73	-275.39	0.81	-0.74	12.77	
7,226.00	1.27	250.31	7,210.81	276.75	-52.57	-274.50	0.22	0.09	9.44	
7,321.00	1.54	270.62	7,305.78	276.41	-54.84	-274.07	0.59	0.28	21.38	
7,413.00	1.01	296.19	7,397.76	276.78	-56.80	-274.37	0.83	-0.58	27.79	
7,508.00	1.54	297.07	7,492.73	277.73	-58.69	-275.24	0.56	0.56	0.93	
7,602.00	1.71	296.02	7,586.70	278.92	-61.07	-276.34	0.18	0.18	-1.12	
7,694.00	1.63	295.22	7,678.66	280.08	-63.49	-277.41	0.09	-0.09	-0.87	
7,788.00	1.32	287.58	7,772.63	280.98	-65.73	-278.22	0.39	-0.33	-8.13	
7,882.00	1.05	266.66	7,866.61	281.26	-67.62	-278.42	0.54	-0.29	-22.26	
7,976.00	1.19	231.77	7,960.59	280.60	-69.25	-277.70	0.73	0.15	-37.12	
8,070.00	1.23	224.30	8,054.57	279.28	-70.72	-276.32	0.17	0.04	-7.95	
8,165.00	1.23	229.39	8,149.55	277.88	-72.21	-274.87	0.11	0.00	5.36	
8,259.00	0.92	212.34	8,243.53	276.59	-73.38	-273.53	0.47	-0.33	-18.14	
8,353.00	0.84	216.21	8,337.52	275.39	-74.19	-272.31	0.11	-0.09	4.12	
8,448.00	0.97	272.81	8,432.51	274.87	-75.40	-271.74	0.91	0.14	59.58	
8,542.00	1.23	261.03	8,526.49	274.75	-77.19	-271.55	0.37	0.28	-12.53	



Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well STEEL GUITAR 35-26 FED COM 423H
Project:	Eddy County, NM (NAD83)	TVD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Site:	SEC 26-T26S-R29E	MD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Well:	STEEL GUITAR 35-26 FED COM 423H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,637.00	1.80	250.58	8,621.46	274.10	-79.61	-270.80	0.66	0.60	-11.00
8,731.00	1.89	254.09	8,715.41	273.18	-82.49	-269.77	0.15	0.10	3.73
8,826.00	1.54	275.54	8,810.37	272.88	-85.27	-269.36	0.76	-0.37	22.58
8,920.00	0.79	324.49	8,904.35	273.53	-86.90	-269.95	1.26	-0.80	52.07
9,013.00	0.70	5.27	8,997.34	274.61	-87.22	-271.02	0.57	-0.10	43.85
9,106.00	1.01	24.26	9,090.33	275.93	-86.83	-272.35	0.45	0.33	20.42
9,200.00	1.05	24.35	9,184.32	277.47	-86.14	-273.91	0.04	0.04	0.10
9,295.00	0.84	16.26	9,279.30	278.93	-85.58	-275.40	0.26	-0.22	-8.52
9,389.00	0.75	8.96	9,373.30	280.20	-85.30	-276.67	0.14	-0.10	-7.77
9,483.00	0.66	355.17	9,467.29	281.34	-85.25	-277.82	0.20	-0.10	-14.67
9,570.00	0.44	346.38	9,554.28	282.17	-85.37	-278.64	0.27	-0.25	-10.10
9,693.00	0.66	247.32	9,677.28	282.35	-86.13	-278.80	0.69	0.18	-80.54
9,787.00	8.09	178.42	9,770.96	275.52	-86.45	-271.96	8.38	7.90	-73.30
9,881.00	17.27	178.33	9,862.57	254.92	-85.86	-251.39	9.77	9.77	-0.10
9,975.00	24.04	179.38	9,950.47	221.79	-85.24	-218.31	7.21	7.20	1.12
10,068.00	31.21	177.71	10,032.82	178.71	-84.07	-175.32	7.75	7.71	-1.80
10,162.00	40.40	175.87	10,108.98	123.88	-80.90	-120.64	9.84	9.78	-1.96
10,256.00	48.18	171.83	10,176.22	58.71	-73.72	-55.80	8.80	8.28	-4.30
10,348.00	57.80	173.58	10,231.54	-14.08	-64.47	16.57	10.57	10.46	1.90
10,442.00	67.34	173.23	10,274.79	-96.86	-54.89	98.92	10.15	10.15	-0.37
10,535.00	81.32	177.28	10,299.86	-185.86	-47.61	187.57	15.60	15.03	4.35
10,629.00	92.79	176.84	10,304.68	-279.46	-42.80	280.91	12.21	12.20	-0.47
10,723.00	92.13	177.80	10,300.65	-373.27	-38.41	374.48	1.24	-0.70	1.02
10,817.00	92.22	177.54	10,297.08	-467.12	-34.59	468.11	0.29	0.10	-0.28
10,911.00	91.08	177.10	10,294.37	-560.98	-30.20	561.73	1.30	-1.21	-0.47
11,005.00	87.74	178.77	10,295.34	-654.90	-26.81	655.44	3.97	-3.55	1.78
11,099.00	90.33	182.64	10,296.92	-748.85	-27.97	749.37	4.95	2.76	4.12
11,192.00	89.58	184.22	10,297.00	-841.68	-33.53	842.35	1.88	-0.81	1.70
11,287.00	88.48	183.08	10,298.61	-936.47	-39.58	937.30	1.67	-1.16	-1.20
11,380.00	88.31	182.11	10,301.21	-1,029.34	-43.79	1,030.26	1.06	-0.18	-1.04
11,475.00	87.34	182.11	10,304.82	-1,124.20	-47.28	1,125.19	1.02	-1.02	0.00
11,570.00	90.07	182.20	10,306.96	-1,219.10	-50.85	1,220.16	2.88	2.87	0.09
11,664.00	90.37	182.64	10,306.60	-1,313.02	-54.82	1,314.16	0.57	0.32	0.47
11,758.00	91.47	183.08	10,305.09	-1,406.89	-59.51	1,408.14	1.26	1.17	0.47
11,853.00	92.09	183.60	10,302.14	-1,501.68	-65.04	1,503.07	0.85	0.65	0.55
11,945.00	89.19	182.64	10,301.11	-1,593.53	-70.05	1,595.05	3.32	-3.15	-1.04
12,039.00	89.89	184.39	10,301.87	-1,687.34	-75.81	1,689.01	2.01	0.74	1.86
12,132.00	90.24	184.92	10,301.76	-1,780.04	-83.36	1,781.93	0.68	0.38	0.57
12,227.00	91.47	184.66	10,300.35	-1,874.69	-91.29	1,876.82	1.32	1.29	-0.27
12,322.00	90.11	184.48	10,299.04	-1,969.38	-98.86	1,971.73	1.44	-1.43	-0.19
12,415.00	93.67	185.54	10,295.97	-2,061.96	-106.98	2,064.55	3.99	3.83	1.14
12,509.00	92.04	185.19	10,291.29	-2,155.43	-115.75	2,158.29	1.77	-1.73	-0.37



Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well STEEL GUITAR 35-26 FED COM 423H
Project:	Eddy County, NM (NAD83)	TVD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Site:	SEC 26-T26S-R29E	MD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Well:	STEEL GUITAR 35-26 FED COM 423H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,603.00	92.35	183.34	10,287.69	-2,249.09	-122.74	2,252.16	1.99	0.33	-1.97	
12,696.00	89.80	181.41	10,285.94	-2,341.98	-126.59	2,345.13	3.44	-2.74	-2.08	
12,790.00	89.54	180.26	10,286.48	-2,435.97	-127.96	2,439.10	1.25	-0.28	-1.22	
12,881.00	90.95	179.91	10,286.09	-2,526.97	-128.10	2,530.03	1.60	1.55	-0.38	
12,975.00	92.53	178.95	10,283.24	-2,620.91	-127.16	2,623.88	1.97	1.68	-1.02	
13,069.00	91.38	180.97	10,280.03	-2,714.85	-127.10	2,717.74	2.47	-1.22	2.15	
13,164.00	89.89	180.97	10,278.98	-2,809.83	-128.70	2,812.71	1.57	-1.57	0.00	
13,258.00	91.38	182.81	10,277.94	-2,903.77	-131.80	2,906.70	2.52	1.59	1.96	
13,351.00	90.64	182.72	10,276.30	-2,996.64	-136.29	2,999.68	0.80	-0.80	-0.10	
13,446.00	89.27	181.41	10,276.37	-3,091.58	-139.71	3,094.67	2.00	-1.44	-1.38	
13,541.00	89.98	181.76	10,277.00	-3,186.54	-142.34	3,189.66	0.83	0.75	0.37	
13,635.00	91.34	182.64	10,275.91	-3,280.46	-145.95	3,283.65	1.72	1.45	0.94	
13,729.00	92.66	183.16	10,272.63	-3,374.28	-150.70	3,377.59	1.51	1.40	0.55	
13,823.00	93.54	182.20	10,267.55	-3,468.04	-155.09	3,471.45	1.38	0.94	-1.02	
13,916.00	90.99	181.49	10,263.87	-3,560.91	-158.08	3,564.36	2.85	-2.74	-0.76	
14,011.00	91.69	181.76	10,261.65	-3,655.84	-160.77	3,659.33	0.79	0.74	0.28	
14,105.00	89.63	183.52	10,260.57	-3,749.73	-165.10	3,753.31	2.88	-2.19	1.87	
14,199.00	92.09	185.62	10,259.16	-3,843.41	-172.59	3,847.21	3.44	2.62	2.23	
14,293.00	90.55	184.92	10,256.99	-3,936.98	-181.22	3,941.05	1.80	-1.64	-0.74	
14,387.00	89.36	183.60	10,257.07	-4,030.72	-188.20	4,034.99	1.89	-1.27	-1.40	
14,481.00	84.92	180.88	10,261.76	-4,124.50	-191.88	4,128.84	5.54	-4.72	-2.89	
14,575.00	85.98	180.26	10,269.21	-4,218.20	-192.81	4,222.50	1.31	1.13	-0.66	
14,669.00	88.53	178.95	10,273.71	-4,312.08	-192.16	4,316.28	3.05	2.71	-1.39	
14,763.00	90.68	179.82	10,274.36	-4,406.06	-191.15	4,410.16	2.47	2.29	0.93	
14,857.00	92.22	180.18	10,271.98	-4,500.03	-191.15	4,504.06	1.68	1.64	0.38	
14,952.00	92.09	182.99	10,268.41	-4,594.91	-193.78	4,598.97	2.96	-0.14	2.96	
15,046.00	89.10	182.46	10,267.44	-4,688.79	-198.25	4,692.95	3.23	-3.18	-0.56	
15,140.00	88.66	181.05	10,269.27	-4,782.73	-201.12	4,786.93	1.57	-0.47	-1.50	
15,235.00	89.45	181.67	10,270.84	-4,877.69	-203.38	4,881.91	1.06	0.83	0.65	
15,281.00	89.93	182.51	10,271.09	-4,923.66	-205.05	4,927.90	2.10	1.05	1.82	
X SEC LINE: 15281' MD 10271.09' TVD										
15,327.00	90.42	183.34	10,270.94	-4,969.59	-207.40	4,973.90	2.10	1.05	1.82	
15,422.00	90.90	183.87	10,269.85	-5,064.40	-213.37	5,068.87	0.75	0.51	0.56	
15,516.00	91.96	184.04	10,267.50	-5,158.15	-219.85	5,162.79	1.14	1.13	0.18	
15,610.00	90.59	181.93	10,265.41	-5,251.99	-224.75	5,256.75	2.68	-1.46	-2.24	
15,704.00	92.04	182.90	10,263.25	-5,345.88	-228.71	5,350.72	1.86	1.54	1.03	
15,798.00	90.07	181.41	10,261.52	-5,439.79	-232.24	5,444.70	2.63	-2.10	-1.59	
15,892.00	93.10	183.87	10,258.92	-5,533.63	-236.56	5,538.64	4.15	3.22	2.62	
15,986.00	90.07	182.20	10,256.32	-5,627.45	-241.54	5,632.58	3.68	-3.22	-1.78	
16,081.00	90.64	182.64	10,255.74	-5,722.36	-245.55	5,727.58	0.76	0.60	0.46	
16,175.00	91.91	182.20	10,253.64	-5,816.25	-249.52	5,821.56	1.43	1.35	-0.47	
16,270.00	91.82	181.67	10,250.55	-5,911.15	-252.72	5,916.50	0.57	-0.09	-0.56	



Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well STEEL GUITAR 35-26 FED COM 423H
Project:	Eddy County, NM (NAD83)	TVD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Site:	SEC 26-T26S-R29E	MD Reference:	2889.1' GL + 28' KB @ 2917.10usft (Original Well Elev)
Well:	STEEL GUITAR 35-26 FED COM 423H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
16,363.00	90.24	180.00	10,248.88	-6,004.12	-254.08	6,009.46	2.47	-1.70	-1.80	
16,456.00	89.32	180.70	10,249.24	-6,097.11	-254.65	6,102.40	1.24	-0.99	0.75	
16,549.00	93.45	188.17	10,246.99	-6,189.72	-261.82	6,195.22	9.17	4.44	8.03	
16,643.00	85.71	185.54	10,247.68	-6,282.97	-273.03	6,288.83	8.70	-8.23	-2.80	
16,737.00	85.05	185.10	10,255.25	-6,376.26	-281.72	6,382.39	0.84	-0.70	-0.47	
16,830.00	86.24	184.39	10,262.31	-6,468.67	-289.39	6,475.03	1.49	1.28	-0.76	
16,924.00	86.51	184.75	10,268.25	-6,562.18	-296.87	6,568.76	0.48	0.29	0.38	
17,027.00	85.98	184.22	10,275.00	-6,664.65	-304.90	6,671.46	0.73	-0.51	-0.51	
LS: 17027' MD 10275' TVD										
17,029.00	85.98	184.22	10,275.14	-6,666.64	-305.05	6,673.45	0.00	0.00	0.00	
X 100' FSL: 17029' MD 10275.14' TVD										
17,088.00	85.98	184.22	10,279.27	-6,725.33	-309.38	6,732.27	0.00	0.00	0.00	
PTB: 17088' MD 10279.27' TVD										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
15,281.00	10,271.09	-4,923.66	-205.05	X SEC LINE: 15281' MD 10271.09' TVD	
17,027.00	10,275.00	-6,664.65	-304.90	LS: 17027' MD 10275' TVD	
17,029.00	10,275.14	-6,666.64	-305.05	X 100' FSL: 17029' MD 10275.14' TVD	
17,088.00	10,279.27	-6,725.33	-309.38	PTB: 17088' MD 10279.27' TVD	

Checked By: _____ Approved By: _____ Date: _____

Sante Fe Main Office
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Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 426096

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 426096
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	None	4/4/2025