U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

01/29/2025

Well Name: STEEL GUITAR 35-26 FED COM

Well Location: T26S / R29E / SEC 26 / NENW / 32.0185887 / -103.9566998

County or Parish/State: EDDY / NM

Well Number: 422H

Type of Well: OTHER

Allottee or Tribe Name:

Lease Number: NMNM19609

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001549851

Operator: WPX ENERGY PERMIAN LLC

Notice of Intent

Sundry ID: 2831393

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 01/13/2025

Time Sundry Submitted: 02:32

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 Batch Sundry (ID 2761162). Permitted BHL: LOT 9, 35-26S-29E, 1804 FNL & 900 FWL Proposed BHL: LOT 9, 35-26S-29E, 50 FSL & 883 FWL

NOI Attachments

Procedure Description

STEEL_GUITAR_35_26_FED_COM_422H_01.22.25_20250122100248.pdf

STEEL_GUITAR_35_26_FED_COM_422H_DIRECTIONAL_PLAN__FINAL_SURVEYS__20250113143047.pdf

STEEL_GUITAR_35_26_FED_COM_422H_AS_DRILLED_SIGNED_20250113111432.pdf

Well Name: STEEL GUITAR 35-26 FED COM

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Well Number: 422H

Type of Well: OTHER

Allottee or Tribe Name:

Lease Number: NMNM19609

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001549851

Operator: WPX ENERGY PERMIAN LLC

Conditions of Approval

Specialist Review

26_26_29_C_Sundry_ID_2831393_Steel_Guitar_422H_Eddy_NM19609_WPX_ENERGY_PERMIAN_LLC_13_22fa_9_29_2023_LV_20250129100354.pdf

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 10:02 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

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 recomplete 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 OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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 / 430 FNL / 1867 FWL / TWSP: 26S / RANGE: 29E / SECTION: 26 / LAT: 32.0185887 / LONG: -103.9566998 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 100 FNL / 1370 FWL / TWSP: 26S / RANGE: 29E / SECTION: 26 / LAT: 32.0195579 / LONG: -103.9586996 (TVD: 9891 feet, MD: 9955 feet)

PPP: SENW / 2582 FSL / 1340 FWL / TWSP: 26S / RANGE: 29E / SECTION: 26 / LAT: 32.0134151 / LONG: -103.9590276 (TVD: 10297 feet, MD: 12400 feet)

BHL: LOT 9 / 1804 FNL / 900 FWL / TWSP: 26S / RANGE: 29E / SECTION: 35 / LAT: 32.0002401 / LONG: -103.9597323 (TVD: 10297 feet, MD: 17198 feet)

STEEL GUITAR 35-26 FED COM 422H

1. Geologic Formations

TVD of target	10262	Pilot hole depth	N/A
MD at TD:	17294	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 422H

2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
13 1/2	9 5/8	40	J-55	BTC	0	466	0	466
8 3/4	7 5/8	29.7	P110	Sprint FJ	0	9783	0	9783
6 3/4	5 1/2	20	P110	DWC/C-IS & Sprint FJ	0	17294	0	10262

• All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.
Variance Approval -

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 DWC/C IS (6.05")

3. Cementing Program (Primary Design)
Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. The final cement top will be verified by Echo-meter. Devon will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program. Devon will report to the BLM the volume of fluid (limited to 1 bbls) used to flush intermediate casing valves following backside cementing procedures

Casing	# Sks	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	256	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	292	Surf	13.0	2.3	2nd State: Bradenhead Squeeze - Lead: Class C Cement + additives
	421	5224	13.2	1.44	Tail: Class H / C + additives
Production	62	7883	9	3.27	Lead: Class H /C + additives
	473	9883	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Prod	10%

STEEL GUITAR 35-26 FED COM 422H

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-5/8"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
Production	13-5/8"	5M	Annular (5M)	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
			Annular (5M)		
			Blind Ram		
			Pipe Ram		
			Double Ram		
			Other*		

N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.
Y	A variance is requested to run a 5 M annular on a 10M system

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
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

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 Rpeort and sbumitted 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	Specfiy what type and where?
BH pressure at deepest TVD	5603
Abnormal temperature	No

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

Hydrogren 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 Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S plan attached.

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 (OnShore Order 2, 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 nippled 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

STEEL GUITAR 35-26 FED COM 422H

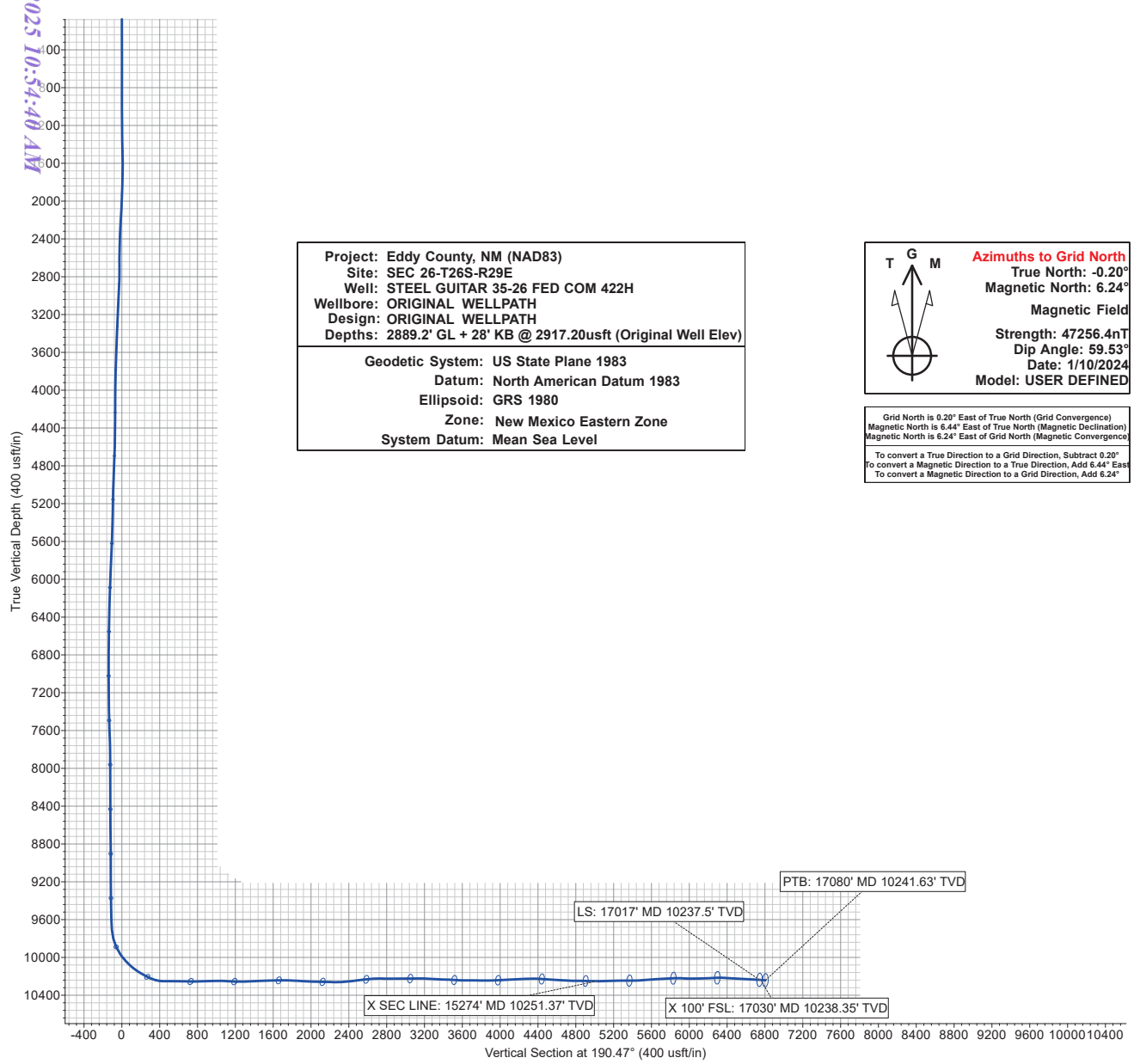
WELL DETAILS: STEEL GUITAR 35-26 FED COM 422H

ELEVATION: 2889.2' GL + 28' KB @ 2917.20usft (Original Well Elev)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	370722.05	657928.29	32.01863708	-103.95714461

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
15274.00	89.87	180.65	10251.37	-4894.88	-1145.87	5021.61	6225.68	X SEC LINE: 15274' MD 10251.37' TVD
17017.00	86.24	180.00	10237.50	-6634.80	-1204.76	6743.26	7966.75	LS: 17017' MD 10237.5' TVD
17030.00	86.24	180.00	10238.35	-6647.77	-1204.76	6756.01	7979.73	X 100' FSL: 17030' MD 10238.35' TVD
17080.00	86.24	180.00	10241.63	-6697.66	-1204.76	6805.08	8029.62	PTB: 17080' MD 10241.63' TVD



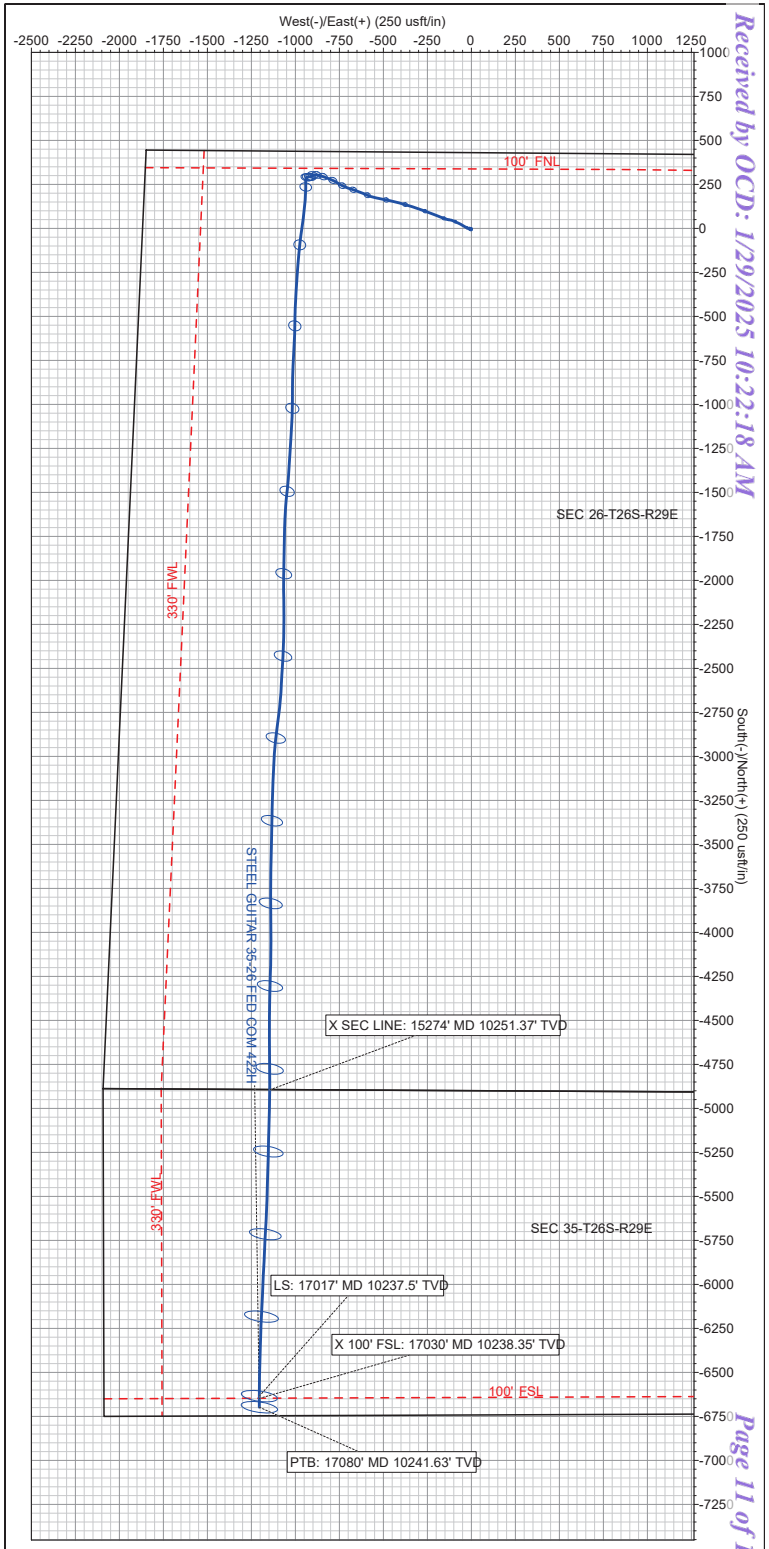
Project:	Eddy County, NM (NAD83)
Site:	SEC 26-T26S-R29E
Well:	STEEL GUITAR 35-26 FED COM 422H
Wellbore:	ORIGINAL WELLPATH
Design:	ORIGINAL WELLPATH
Depths:	2889.2' GL + 28' KB @ 2917.20usft (Original Well Elev)
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level

Azimuths to Grid North
True North: -0.20°
Magnetic North: 6.24°

Magnetic Field
Strength: 47256.4nT
Dip Angle: 59.53°
Date: 1/10/2024
Model: USER DEFINED

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°



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

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
30-015-49851	98220	PURPLE SAGE; WOLFCAMP (GAS)	
Property Code: 333183	Property Name: STEEL GUITAR 35-26 FED COM		Well Number: 422H
OGRID No.: 246289	Operator Name: WPX ENERGY PERMIAN, LLC		Ground Level Elevation: 2889.2
Surface Owner: ☐State ☐Fee ☐Tribal ☑Federal		Mineral Owner: ☐State ☐Fee ☐Tribal ☑Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	26	26 S	29 E		430 NORTH	1867 WEST	32.0186371°N	103.9571446°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	35	26 S	29 E	9	50 SOUTH	883 WEST	32.0002411°N	103.9611054°W	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
431.99	INFILL	30-015-49377		
Order Numbers.			Well setbacks are under Common Ownership: ☐Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	26	26 S	29 E		151 NORTH	916 WEST	32.0194347°N	103.9601679°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	26	26 S	29 E		736 NORTH	890 EAST	32.0178279°N	103.9603477°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	35	26 S	29 E	9	133 SOUTH	884 WEST	32.0004687°N	103.9611039°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☑Horizontal ☐Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best ofmy 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.

Shandee Thomas 1/9/25

Signature Date

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

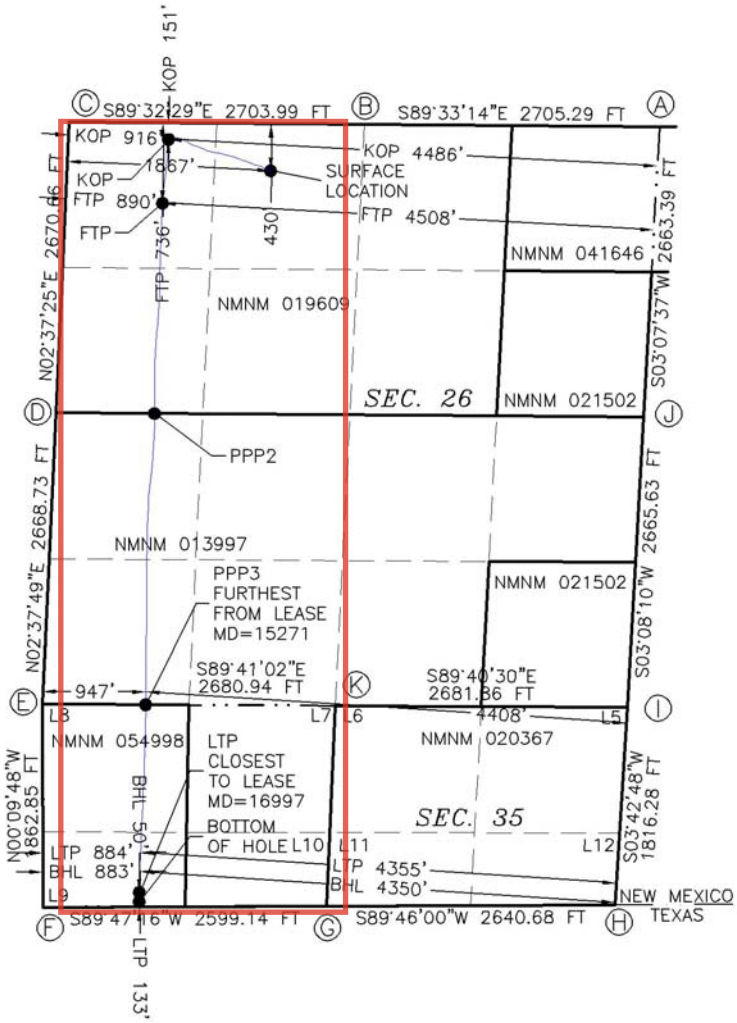
CertificateNumber	Dateof Survey
PLS 12797	OCTOBER 24, 2024 SURVEY NO. 9857A

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.

ACREAGE DEDICATION PLATS

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 422H

EL. = 2889.2

GEODETIC COORDINATES
NAD 83 NMSP EAST
SURFACE LOCATION
430' FNL, 1867' FWL
N.=370722.05
E.=657928.29
LAT.=32.0186371°N
LONG.=103.9571446°W

KICK OFF POINT
151' FNL, 916' FWL
N.=371008.95
E.=656990.28
LAT.=32.0194347°N
LONG.=103.9601679°W

FIRST TAKE POINT
736' FNL, 890' FEL
N.=370424.24
E.=656936.58
LAT.=32.0178279°N
LONG.=103.9603477°W

LAST TAKE POINT
133' FSL, 884' FWL
N.=364108.65
E.=656723.96
LAT.=32.0004687°N
LONG.=103.9611039°W

BOTTOM OF HOLE
50' FSL, 883' FWL
N.=364025.85
E.=656723.79
LAT.=32.0002411°N
LONG.=103.9611054°W

PPP2
2667' FNL, 905' FWL
N.=368494.13
E.=656863.31
LAT.=32.0125228°N
LONG.=103.9606056°W

PPP3
0' FNL, 947' FWL
N.=365829.32
E.=656782.61
LAT.=32.0051982°N
LONG.=103.9608956°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 422H

9 5/8	surface csg in a	13 1/2	inch hole.		Design Factors			Surface				
Segment	#/ft	Grade	Coupling	Body	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	40.00	j 55	btc	33.80	11.8	0.74	466	19	1.24	22.28	18,640
"B"			btc				0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig: 1,500		Tail Cmt	does not	circ to sfc.	Totals:	466				18,640

Comparison of Proposed to Minimum Required Cement Volumes

Hole Size	Annular Volume	1 Stage Cmt Sx	1 Stage CuFt Cmt	Min Cu Ft	1 Stage % Excess	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
13 1/2	0.4887	256	369	228	62	9.00	3184	5M	1.44

Burst Frac Gradient(s) for Segment(s) A, B = , b All > 0.70, OK.

7 5/8	casing inside the	9 5/8			Design Factors			Int 1			
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	29.70	p 110	vam sprint fj	2.94	1.38	1.54	9,783	2	2.58	2.31	290,555
"B"							0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig: 2,152					Totals:	9,783				290,555
	The cement volume(s) are intended to achieve a top of			0	ft from surface or a		466				overlap.

Hole Size	Annular Volume	1 Stage Cmt Sx	1 Stage CuFt Cmt	Min Cu Ft	1 Stage % Excess	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
8 3/4	0.1005	421	606	987	-39	10.50	3340	5M	0.55
D V Tool(s):			5096				sum of sx	Σ CuFt	Σ%excess
by stage % :		29	30				713	1278	29

Class 'C' tail cmt yld > 1.35

Tail cmt

5 1/2	casing inside the	7 5/8			Design Factors			Prod 1			
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	20.00	p 110	dwc/c is	3.55	2.39	2.51	9,283	3	4.21	4.00	185,660
"B"	20.00	p 110	vam sprint sf	32.74	2.16	2.57	979	3	4.30	3.62	19,580
"C"	20.00	p 110	dwc/c is	∞	2.16	2.51	7,032	3	4.21	3.62	140,640
"D"			0				0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig: 2,042					Totals:	17,294				345,880
	The cement volume(s) are intended to achieve a top of			9583	ft from surface or a		200				overlap.

Hole Size	Annular Volume	1 Stage Cmt Sx	1 Stage CuFt Cmt	Min Cu Ft	1 Stage % Excess	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
6 3/4	0.0835	535	884	646	37	10.50			0.35

Class 'C' tail cmt yld > 1.35

#N/A

0		5 1/2			Design Factors			<Choose Casing>			
Segment	#/ft	Grade	Coupling	#N/A	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"			0.00				0				0
"B"			0.00				0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig:					Totals:	0				0
	Cmt vol calc below includes this csg, TOC intended			#N/A	ft from surface or a		#N/A				overlap.

Hole Size	Annular Volume	1 Stage Cmt Sx	1 Stage CuFt Cmt	Min Cu Ft	1 Stage % Excess	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
0		#N/A	#N/A	0	#N/A				

#N/A Capitan Reef est top XXXX.

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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 426197

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 426197
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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