

Well Name: BOLL WEEVIL 27-34 FED COM	Well Location: T26S / R34E / SEC 27 / NENE / 32.020045 / -103.450492	County or Parish/State: LEA / NM
Well Number: 305H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM100569	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002553745	Operator: DEVON ENERGY PRODUCTION COMPANY LP	

Notice of Intent

Sundry ID: 2827477

Type of Submission: Notice of Intent Type of Action: APD Change

Date Sundry Submitted: 12/13/2024 Time Sundry Submitted: 01:07

Date proposed operation will begin: 12/13/2024

Procedure Description: Devon Energy Production Company L.P. respectfully requests the following changes to the approved APD: TVD/MD change from 11,000’/18,509’ to 10,200’/17,709’ Casing program change: Production casing depth change, from 11,000’/18,509’ to 10,200’/17,709’. Cement volume changes to accommodate casing change. Please see attached revised drilling & directional plans.

NOI Attachments

Procedure Description

- BOLL_WEEVIL_27_34_FED_COM_305H_Directional_Plan_12_12_24_20241213130530.pdf
- BOLL_WEEVIL_27_34_FED_COM_305H_20241213130528.pdf

Well Name: BOLL WEEVIL 27-34 FED COM	Well Location: T26S / R34E / SEC 27 / NENE / 32.020045 / -103.450492	County or Parish/State: LEA / NM
Well Number: 305H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM100569	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002553745	Operator: DEVON ENERGY PRODUCTION COMPANY LP	

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: REBECCA DEAL

Signed on: DEC 13, 2024 01:05 PM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Professional

Street Address: 333 W SHERIDAN AVE

City: OKLAHOMA CITYState: OK

Phone: (405) 228-8429

Email address: REBECCA.DEAL@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: 01/15/2025

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
	☐ 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 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: NENE / 589 FNL / 385 FEL / TWSP: 26S / RANGE: 34E / SECTION: 27 / LAT: 32.020045 / LONG: -103.450492 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 100 FNL / 440 FEL / TWSP: 26S / RANGE: 34E / SECTION: 27 / LAT: 32.021389 / LONG: -103.450669 (TVD: 10817 feet, MD: 10901 feet)

BHL: LOT 1 / 20 FSL / 440 FEL / TWSP: 26S / RANGE: 34E / SECTION: 34 / LAT: 32.000335 / LONG: -103.450671 (TVD: 11000 feet, MD: 18509 feet)

CONFIDENTIAL

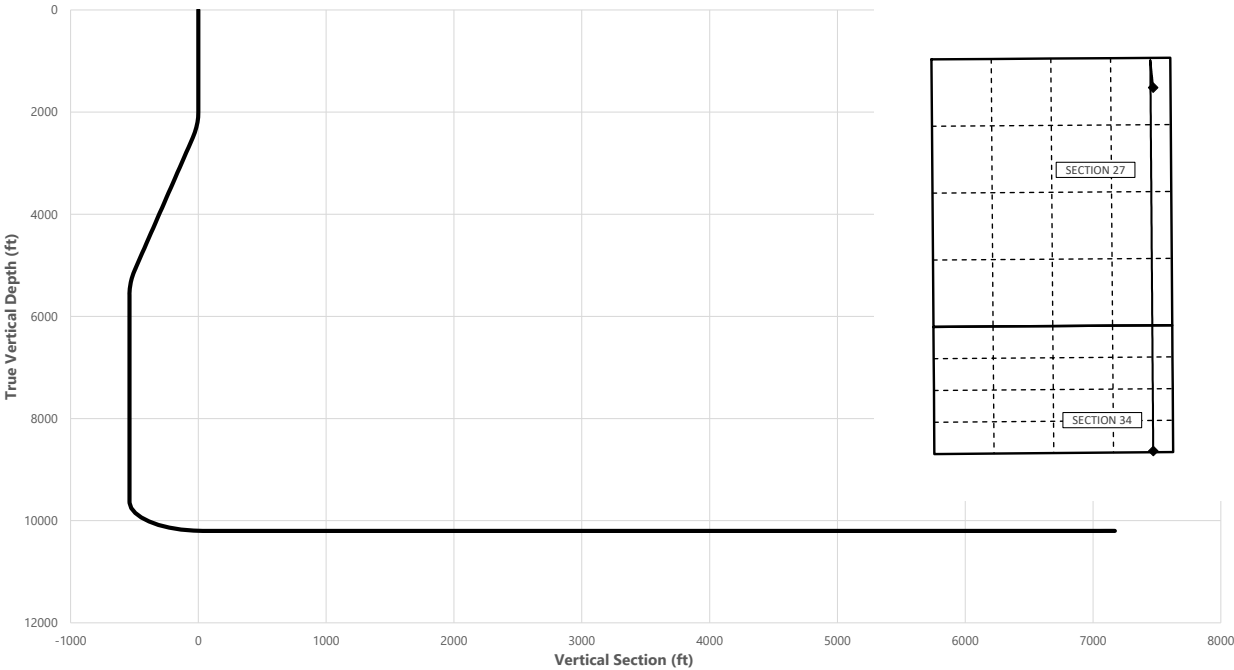
BOLL WEEVIL 27-34 FED COM 305H



Well: BOLL WEEVIL 27-34 FED COM 305H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	353.50	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	353.50	2497.47	43.24	-4.93	-43.24	2.00	Hold Tangent
5122.30	10.00	353.50	5079.93	495.67	-56.47	-495.70	0.00	Drop to Vertical
5622.30	0.00	353.50	5577.39	538.92	-61.40	-538.94	2.00	Hold Vertical
9671.95	0.00	179.52	9627.04	538.92	-61.40	-538.94	0.00	KOP
10571.95	90.00	179.52	10200.00	-34.02	-56.60	34.00	10.00	Landing Point
17709.14	90.00	179.52	10200.00	-7170.96	3.19	7170.96	0.00	BHL



Key Depths	MD	TVD
	(ft)	(ft)
Rustler	869.00	869.00
Salt	1205.00	1205.00
Base of Salt	5096.99	5055.00
Delaware	5378.61	5334.00
Cherry Canyon	6474.91	6430.00
Brushy Canyon	7959.91	7915.00
Avalon / Point of Penetration	9644.91	9600.00
exit	17629.14	10200.01

SHL
KOP
Point of Penetration
Exit
BHL

MD	TVD	Lat	Long	Section Footages
(ft)	(ft)	(°)	(°)	
0.00	0.00	32.0200	-103.4506	589' FNL, 385' FEL of Sec 27 in T26S, R34E
9671.95	9627.04	32.0214	-103.4508	49' FNL, 442' FEL of Sec 27 in T26S, R34E
9644.91	9600.00	32.0214	-103.4507	100' FNL, 440' FEL of Sec 27 in T26S, R34E
17629.14	10200.01	32.0006	-103.4507	100' FSL, 440' FEL of Sec 34 in T26S, R34E
17709.14	10200.00	32.0002	-103.4508	20' FSL, 440' FEL of Sec 34 in T26S, R34E

	Y	X	MD
KOP	372688	814891	9671.95

BOLL WEEVIL 27-34 FED COM 305H



Well: BOLL WEEVIL 27-34 FED COM 305H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	353.50	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	353.50	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	353.50	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	353.50	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	353.50	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	353.50	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	353.50	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	353.50	800.00	0.00	0.00	0.00	0.00	
869.00	0.00	353.50	869.00	0.00	0.00	0.00	0.00	Rustler
900.00	0.00	353.50	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	353.50	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	353.50	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	353.50	1200.00	0.00	0.00	0.00	0.00	
1205.00	0.00	353.50	1205.00	0.00	0.00	0.00	0.00	Salt
1300.00	0.00	353.50	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	353.50	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	353.50	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	353.50	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	353.50	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	353.50	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	353.50	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	353.50	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	353.50	2099.98	1.73	-0.20	-1.73	2.00	
2200.00	4.00	353.50	2199.84	6.93	-0.79	-6.93	2.00	
2300.00	6.00	353.50	2299.45	15.59	-1.78	-15.59	2.00	
2400.00	8.00	353.50	2398.70	27.70	-3.16	-27.70	2.00	
2500.00	10.00	353.50	2497.47	43.24	-4.93	-43.24	2.00	Hold Tangent
2600.00	10.00	353.50	2595.95	60.50	-6.89	-60.50	0.00	
2700.00	10.00	353.50	2694.43	77.75	-8.86	-77.75	0.00	
2800.00	10.00	353.50	2792.91	95.00	-10.82	-95.01	0.00	
2900.00	10.00	353.50	2891.39	112.26	-12.79	-112.26	0.00	
3000.00	10.00	353.50	2989.87	129.51	-14.76	-129.52	0.00	
3100.00	10.00	353.50	3088.35	146.76	-16.72	-146.77	0.00	
3200.00	10.00	353.50	3186.83	164.02	-18.69	-164.02	0.00	
3300.00	10.00	353.50	3285.31	181.27	-20.65	-181.28	0.00	
3400.00	10.00	353.50	3383.79	198.52	-22.62	-198.53	0.00	
3500.00	10.00	353.50	3482.27	215.77	-24.59	-215.79	0.00	
3600.00	10.00	353.50	3580.75	233.03	-26.55	-233.04	0.00	
3700.00	10.00	353.50	3679.23	250.28	-28.52	-250.29	0.00	
3800.00	10.00	353.50	3777.72	267.53	-30.48	-267.55	0.00	
3900.00	10.00	353.50	3876.20	284.79	-32.45	-284.80	0.00	
4000.00	10.00	353.50	3974.68	302.04	-34.41	-302.06	0.00	
4100.00	10.00	353.50	4073.16	319.29	-36.38	-319.31	0.00	
4200.00	10.00	353.50	4171.64	336.55	-38.35	-336.56	0.00	
4300.00	10.00	353.50	4270.12	353.80	-40.31	-353.82	0.00	
4400.00	10.00	353.50	4368.60	371.05	-42.28	-371.07	0.00	
4500.00	10.00	353.50	4467.08	388.31	-44.24	-388.33	0.00	
4600.00	10.00	353.50	4565.56	405.56	-46.21	-405.58	0.00	
4700.00	10.00	353.50	4664.04	422.81	-48.18	-422.83	0.00	
4800.00	10.00	353.50	4762.52	440.07	-50.14	-440.09	0.00	
4900.00	10.00	353.50	4861.00	457.32	-52.11	-457.34	0.00	
5000.00	10.00	353.50	4959.48	474.57	-54.07	-474.60	0.00	
5096.99	10.00	353.50	5055.00	491.31	-55.98	-491.33	0.00	Base of Salt
5100.00	10.00	353.50	5057.97	491.83	-56.04	-491.85	0.00	
5122.30	10.00	353.50	5079.93	495.67	-56.47	-495.70	0.00	Drop to Vertical
5200.00	8.45	353.50	5156.62	508.05	-57.88	-508.07	2.00	
5300.00	6.45	353.50	5255.77	520.92	-59.35	-520.95	2.00	
5378.61	4.87	353.50	5334.00	528.62	-60.23	-528.65	2.00	Delaware
5400.00	4.45	353.50	5355.32	530.35	-60.43	-530.38	2.00	
5500.00	2.45	353.50	5455.13	536.32	-61.11	-536.35	2.00	
5600.00	0.45	353.50	5555.09	538.83	-61.39	-538.86	2.00	
5622.30	0.00	353.50	5577.39	538.92	-61.40	-538.94	2.00	Hold Vertical
5700.00	0.00	179.52	5655.09	538.92	-61.40	-538.94	0.00	
5800.00	0.00	179.52	5755.09	538.92	-61.40	-538.94	0.00	
5900.00	0.00	179.52	5855.09	538.92	-61.40	-538.94	0.00	
6000.00	0.00	179.52	5955.09	538.92	-61.40	-538.94	0.00	
6100.00	0.00	179.52	6055.09	538.92	-61.40	-538.94	0.00	
6200.00	0.00	179.52	6155.09	538.92	-61.40	-538.94	0.00	
6300.00	0.00	179.52	6255.09	538.92	-61.40	-538.94	0.00	

BOLL WEEVIL 27-34 FED COM 305H



Well: BOLL WEEVIL 27-34 FED COM 305H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6400.00	0.00	179.52	6355.09	538.92	-61.40	-538.94	0.00	
6474.91	0.00	179.52	6430.00	538.92	-61.40	-538.94	0.00	Cherry Canyon
6500.00	0.00	179.52	6455.09	538.92	-61.40	-538.94	0.00	
6600.00	0.00	179.52	6555.09	538.92	-61.40	-538.94	0.00	
6700.00	0.00	179.52	6655.09	538.92	-61.40	-538.94	0.00	
6800.00	0.00	179.52	6755.09	538.92	-61.40	-538.94	0.00	
6900.00	0.00	179.52	6855.09	538.92	-61.40	-538.94	0.00	
7000.00	0.00	179.52	6955.09	538.92	-61.40	-538.94	0.00	
7100.00	0.00	179.52	7055.09	538.92	-61.40	-538.94	0.00	
7200.00	0.00	179.52	7155.09	538.92	-61.40	-538.94	0.00	
7300.00	0.00	179.52	7255.09	538.92	-61.40	-538.94	0.00	
7400.00	0.00	179.52	7355.09	538.92	-61.40	-538.94	0.00	
7500.00	0.00	179.52	7455.09	538.92	-61.40	-538.94	0.00	
7600.00	0.00	179.52	7555.09	538.92	-61.40	-538.94	0.00	
7700.00	0.00	179.52	7655.09	538.92	-61.40	-538.94	0.00	
7800.00	0.00	179.52	7755.09	538.92	-61.40	-538.94	0.00	
7900.00	0.00	179.52	7855.09	538.92	-61.40	-538.94	0.00	
7959.91	0.00	179.52	7915.00	538.92	-61.40	-538.94	0.00	Brushy Canyon
8000.00	0.00	179.52	7955.09	538.92	-61.40	-538.94	0.00	
8100.00	0.00	179.52	8055.09	538.92	-61.40	-538.94	0.00	
8200.00	0.00	179.52	8155.09	538.92	-61.40	-538.94	0.00	
8300.00	0.00	179.52	8255.09	538.92	-61.40	-538.94	0.00	
8400.00	0.00	179.52	8355.09	538.92	-61.40	-538.94	0.00	
8500.00	0.00	179.52	8455.09	538.92	-61.40	-538.94	0.00	
8600.00	0.00	179.52	8555.09	538.92	-61.40	-538.94	0.00	
8700.00	0.00	179.52	8655.09	538.92	-61.40	-538.94	0.00	
8800.00	0.00	179.52	8755.09	538.92	-61.40	-538.94	0.00	
8900.00	0.00	179.52	8855.09	538.92	-61.40	-538.94	0.00	
9000.00	0.00	179.52	8955.09	538.92	-61.40	-538.94	0.00	
9100.00	0.00	179.52	9055.09	538.92	-61.40	-538.94	0.00	
9200.00	0.00	179.52	9155.09	538.92	-61.40	-538.94	0.00	
9300.00	0.00	179.52	9255.09	538.92	-61.40	-538.94	0.00	
9400.00	0.00	179.52	9355.09	538.92	-61.40	-538.94	0.00	
9500.00	0.00	179.52	9455.09	538.92	-61.40	-538.94	0.00	
9600.00	0.00	179.52	9555.09	538.92	-61.40	-538.94	0.00	
9644.91	0.00	179.52	9600.00	538.92	-61.40	-538.94	0.00	Avalon / Point of Penetration
9671.95	0.00	179.52	9627.04	538.92	-61.40	-538.94	0.00	KOP
9700.00	2.81	179.52	9655.08	538.23	-61.40	-538.26	10.00	
9800.00	12.81	179.52	9754.03	524.67	-61.28	-524.69	10.00	
9900.00	22.81	179.52	9849.12	494.13	-61.03	-494.16	10.00	
10000.00	32.81	179.52	9937.46	447.54	-60.64	-447.57	10.00	
10100.00	42.81	179.52	10016.37	386.33	-60.12	-386.35	10.00	
10200.00	52.81	179.52	10083.45	312.34	-59.50	-312.36	10.00	
10300.00	62.81	179.52	10136.66	227.82	-58.79	-227.85	10.00	
10400.00	72.81	179.52	10174.39	135.35	-58.02	-135.38	10.00	
10500.00	82.81	179.52	10195.49	37.74	-57.20	-37.76	10.00	
10571.95	90.00	179.52	10200.00	-34.02	-56.60	34.00	10.00	Landing Point
10600.00	90.00	179.52	10200.00	-62.07	-56.37	62.05	0.00	
10700.00	90.00	179.52	10200.00	-162.07	-55.53	162.04	0.00	
10800.00	90.00	179.52	10200.00	-262.06	-54.69	262.04	0.00	
10900.00	90.00	179.52	10200.00	-362.06	-53.85	362.04	0.00	
11000.00	90.00	179.52	10200.00	-462.06	-53.01	462.03	0.00	
11100.00	90.00	179.52	10200.00	-562.05	-52.18	562.03	0.00	
11200.00	90.00	179.52	10200.00	-662.05	-51.34	662.03	0.00	
11300.00	90.00	179.52	10200.00	-762.05	-50.50	762.02	0.00	
11400.00	90.00	179.52	10200.00	-862.04	-49.66	862.02	0.00	
11500.00	90.00	179.52	10200.00	-962.04	-48.82	962.02	0.00	
11600.00	90.00	179.52	10200.00	-1062.04	-47.99	1062.01	0.00	
11700.00	90.00	179.52	10200.00	-1162.03	-47.15	1162.01	0.00	
11800.00	90.00	179.52	10200.00	-1262.03	-46.31	1262.01	0.00	
11900.00	90.00	179.52	10200.00	-1362.02	-45.47	1362.00	0.00	
12000.00	90.00	179.52	10200.00	-1462.02	-44.63	1462.00	0.00	
12100.00	90.00	179.52	10200.00	-1562.02	-43.80	1562.00	0.00	
12200.00	90.00	179.52	10200.00	-1662.01	-42.96	1662.00	0.00	
12300.00	90.00	179.52	10200.00	-1762.01	-42.12	1761.99	0.00	
12400.00	90.00	179.52	10200.00	-1862.01	-41.28	1861.99	0.00	
12500.00	90.00	179.52	10200.00	-1962.00	-40.44	1961.99	0.00	
12600.00	90.00	179.52	10200.00	-2062.00	-39.61	2061.98	0.00	
12700.00	90.00	179.52	10200.00	-2162.00	-38.77	2161.98	0.00	
12800.00	90.00	179.52	10200.00	-2261.99	-37.93	2261.98	0.00	

BOLL WEEVIL 27-34 FED COM 305H



Well: BOLL WEEVIL 27-34 FED COM 305H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12900.00	90.00	179.52	10200.00	-2361.99	-37.09	2361.97	0.00	
13000.00	90.00	179.52	10200.00	-2461.99	-36.25	2461.97	0.00	
13100.00	90.00	179.52	10200.00	-2561.98	-35.42	2561.97	0.00	
13200.00	90.00	179.52	10200.00	-2661.98	-34.58	2661.96	0.00	
13300.00	90.00	179.52	10200.00	-2761.98	-33.74	2761.96	0.00	
13400.00	90.00	179.52	10200.00	-2861.97	-32.90	2861.96	0.00	
13500.00	90.00	179.52	10200.00	-2961.97	-32.06	2961.95	0.00	
13600.00	90.00	179.52	10200.00	-3061.97	-31.23	3061.95	0.00	
13700.00	90.00	179.52	10200.00	-3161.96	-30.39	3161.95	0.00	
13800.00	90.00	179.52	10200.00	-3261.96	-29.55	3261.94	0.00	
13900.00	90.00	179.52	10200.00	-3361.95	-28.71	3361.94	0.00	
14000.00	90.00	179.52	10200.00	-3461.95	-27.87	3461.94	0.00	
14100.00	90.00	179.52	10200.01	-3561.95	-27.04	3561.94	0.00	
14200.00	90.00	179.52	10200.01	-3661.94	-26.20	3661.93	0.00	
14300.00	90.00	179.52	10200.01	-3761.94	-25.36	3761.93	0.00	
14400.00	90.00	179.52	10200.01	-3861.94	-24.52	3861.93	0.00	
14500.00	90.00	179.52	10200.01	-3961.93	-23.68	3961.92	0.00	
14600.00	90.00	179.52	10200.01	-4061.93	-22.85	4061.92	0.00	
14700.00	90.00	179.52	10200.01	-4161.93	-22.01	4161.92	0.00	
14800.00	90.00	179.52	10200.01	-4261.92	-21.17	4261.91	0.00	
14900.00	90.00	179.52	10200.01	-4361.92	-20.33	4361.91	0.00	
15000.00	90.00	179.52	10200.01	-4461.92	-19.49	4461.91	0.00	
15100.00	90.00	179.52	10200.01	-4561.91	-18.66	4561.90	0.00	
15200.00	90.00	179.52	10200.01	-4661.91	-17.82	4661.90	0.00	
15300.00	90.00	179.52	10200.01	-4761.91	-16.98	4761.90	0.00	
15400.00	90.00	179.52	10200.01	-4861.90	-16.14	4861.89	0.00	
15500.00	90.00	179.52	10200.01	-4961.90	-15.30	4961.89	0.00	
15600.00	90.00	179.52	10200.01	-5061.90	-14.47	5061.89	0.00	
15700.00	90.00	179.52	10200.01	-5161.89	-13.63	5161.88	0.00	
15800.00	90.00	179.52	10200.01	-5261.89	-12.79	5261.88	0.00	
15900.00	90.00	179.52	10200.01	-5361.88	-11.95	5361.88	0.00	
16000.00	90.00	179.52	10200.01	-5461.88	-11.11	5461.88	0.00	
16100.00	90.00	179.52	10200.01	-5561.88	-10.28	5561.87	0.00	
16200.00	90.00	179.52	10200.01	-5661.87	-9.44	5661.87	0.00	
16300.00	90.00	179.52	10200.01	-5761.87	-8.60	5761.87	0.00	
16400.00	90.00	179.52	10200.01	-5861.87	-7.76	5861.86	0.00	
16500.00	90.00	179.52	10200.01	-5961.86	-6.92	5961.86	0.00	
16600.00	90.00	179.52	10200.01	-6061.86	-6.09	6061.86	0.00	
16700.00	90.00	179.52	10200.01	-6161.86	-5.25	6161.85	0.00	
16800.00	90.00	179.52	10200.01	-6261.85	-4.41	6261.85	0.00	
16900.00	90.00	179.52	10200.01	-6361.85	-3.57	6361.85	0.00	
17000.00	90.00	179.52	10200.01	-6461.85	-2.73	6461.84	0.00	
17100.00	90.00	179.52	10200.01	-6561.84	-1.90	6561.84	0.00	
17200.00	90.00	179.52	10200.01	-6661.84	-1.06	6661.84	0.00	
17300.00	90.00	179.52	10200.01	-6761.84	-0.22	6761.83	0.00	
17400.00	90.00	179.52	10200.01	-6861.83	0.62	6861.83	0.00	
17500.00	90.00	179.52	10200.01	-6961.83	1.46	6961.83	0.00	
17600.00	90.00	179.52	10200.01	-7061.82	2.29	7061.83	0.00	
17629.14	90.00	179.52	10200.01	-7090.96	2.54	7090.96	0.00	exit
17700.00	90.00	179.52	10200.01	-7161.82	3.13	7161.82	0.00	
17709.14	90.00	179.52	10200.00	-7170.96	3.19	7170.96	0.00	BHL

BOLL WEEVIL 27-34 FED COM 305H

1. Geologic Formations

TVD of target	10200	Pilot hole depth	N/A
MD at TD:	17709	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	869		
Salt	1205		
Base of Salt	5055		
Delaware	5334		
Cherry Canyon	6430		
Brushy Canyon	7915		
Avalon	9600		

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

BOLL WEEVIL 27-34 FED COM 305H

2. Casing Program

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	54 1/2	J-55	BTC	0	894	0	894
12 1/4	9 5/8	40	J-55	BTC	0	5155	0	5155
8 3/4	5 1/2	20	P110	DWC / C-IS+	0	17709	0	10200

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

3. Cementing Program (3-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft3/sack)	Slurry Description
Surface	685	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	571	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	4655	13.2	1.4	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	743	Surf	9.0	3.3	Squeeze Lead: Class C Cement + additives
	571	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	4655	13.2	1.4	Tail: Class H / C + additives
Production	428	4655	9.0	3.3	Lead: Class H / C + additives
	1551	9672	13.2	1.4	Tail: Class H / C + additives

Devon Energy requests to offline cement on intermediate strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

Casing String	% Excess
Surface	50%
Intermediate	30%
Production	10%

BOLL WEEVIL 27-34 FED COM 305H

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	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*		

BOLL WEEVIL 27-34 FED COM 305H

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	Brine	10-10.5
Production	WBM	8.5-9

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 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	
	Density	
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	4774
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.

BOLL WEEVIL 27-34 FED COM 305H

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 pad.
- 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. At 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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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 421500

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 421500
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	1/24/2025
pkautz	Cement is required to circulate on both surface and intermediate1 strings of casing.	1/24/2025