

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report 05/31/2025

Well Name: GREEN WAVE 20 32 FED

STATE COM

Well Location: T26S / R34E / SEC 20 /

NWSW / 32.027601 / -103.4995479

County or Parish/State: LEA /

NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM114991

Unit or CA Name: COTTON DRAW 14-

23 FED COM 1H, NMNM141791

Unit or CA Number: NMNM137572, NMNM141791

**US Well Number: 3002543186** 

**Operator:** DEVON ENERGY PRODUCTION COMPANY LP

#### **Notice of Intent**

Sundry ID: 2846182

Type of Submission: Notice of Intent

Type

Date Sundry Submitted: 04/09/2025

Date proposed operation will begin: 07/01/2025

Procedure Description:

Type of Action: Plug and Abandonment

Time Sundry Submitted: 08:57

#### **Surface Disturbance**

Is any additional surface disturbance proposed?: No

#### **NOI Attachments**

**Procedure Description** 

GREEN\_WAVE\_20\_32\_FED\_STATE\_COM\_1H\_NOI\_BLM\_P\_A\_SIGN\_WBD\_20250409085732.pdf

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Received by OCD: WANAGA GREEN RIMVE 20 32 FED

STATE COM

Well Location: T26S / R34E / SEC 20 / NWSW / 32.027601 / -103.4995479

County or Parish/State: LEA /

Page 2 of 18

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM114991

Unit or CA Name: COTTON DRAW 14-23 FED COM 1H, NMNM141791

**Unit or CA Number:** 

NMNM137572, NMNM141791

**US Well Number: 3002543186** 

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: JEFF YOUNG** Signed on: APR 09, 2025 08:57 AM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Production Data Analyst

Street Address: 333 W SHERIDAN AVE

City: OKLAHOMA CITY State: OK

Phone: (405) 228-2480

Email address: JEFF.YOUNG@DVN.COM

#### **Field**

Representative Name:

**Street Address:** 

City: State: Zip:

Phone:

**Email address:** 

APPROVED by Long Vo Petroleum Engineer Carlsbad Field Office 575-988-50402 LVO@BLM.GOV

Page 2 of 2

Form 3160-5

## UNITED STATES

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

(June 2019) DEPARTMENT OF THE INTERIOR					Expires: October 31, 2021				
	BUR	EAU OF LAND MANA	GEMENT	5. Lease Seri	al No.				
	ot use this f	NOTICES AND REPO form for proposals to Use Form 3160-3 (AF	nter an	Allottee or Tribe Na	me				
	SUBMIT IN	TRIPLICATE - Other instruc	ctions on page 2	7. If Unit of 0	CA/Agreement, Nar	ne and/or No.			
1. Type of Well	🗆			8. Well Name	e and No.				
Oil W	ell Gas V	Vell Other							
2. Name of Operator				9. API Well N	<b>Ло</b> .				
3a. Address		3	Bb. Phone No. (include	area code) 10. Field and	10. Field and Pool or Exploratory Area				
4. Location of Well (I	Footage, Sec., T.,R	R.,M., or Survey Description)		11. Country o	or Parish, State				
	12. CHE	CK THE APPROPRIATE BO	X(ES) TO INDICATE	NATURE OF NOTICE, F	EPORT OR OTHE	R DATA			
TYPE OF SUE	BMISSION			TYPE OF ACTION					
Notice of Inter	nt	Acidize	Deepen	Production	n (Start/Resume)	Water Shut-Off			
Trouble of finter		Alter Casing	Hydraulic Fra	acturing Reclamation	on	Well Integrity			
Subsequent Re	enort	Casing Repair	New Construc	ction Recomplet	te	Other			
Subsequent re	.port	Change Plans	Plug and Abar	ndon Temporari	ly Abandon				
Final Abandon	nment Notice	Convert to Injection	Plug Back	Water Disp	posal				
is ready for final	Attached Revised I	Procedure		ing reclamation, have beer	i completed and the	operator has detennined that	the site		
14. I hereby certify that	at the foregoing is	true and correct. Name (Prin							
			Title						
Signature			Date						
		THE SPACE	FOR FEDERAL	OR STATE OFICE	USE				
Approved by Lo	ong Vo	2		Petroleum En	gineer Da	6-2-2025 te			
certify that the applica	ant holds legal or e	hed. Approval of this notice dequitable title to those rights induct operations thereon.		Office Carlsbad Fie	ld Office				
Title 10 H C C Section	1001 and Ti41- 4	2 II C C Section 1212 l is	t a arima for any r	. Imagginals, and willfull-	to males to one d	wtmont or oceanor of the II-it-	J C4-4		

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, 3162.3-4.

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

(Form 3160-5, page 2)

#### **Additional Information**

#### **Location of Well**

0. SHL: NWSW / 2155 FSL / 270 FWL / TWSP: 26S / RANGE: 34E / SECTION: 20 / LAT: 32.027601 / LONG: -103.4995479 ( TVD: 0 feet, MD: 0 feet ) PPP: NWSW / 2155 FSL / 270 FWL / TWSP: 26S / RANGE: 34E / SECTION: 20 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet ) BHL: SWNW / 2186 FNL / 375 FWL / TWSP: 26S / RANGE: 34E / SECTION: 32 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

Form 3160-5 (June 2015)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: January 31, 2018

Expires: January 31, 2

5. Lease Serial No.

DOK	EAU OF LAND MANA	OLIVILIVI		NMNM114991		
	IOTICES AND REPOR		6. If Indian, Allottee or Tribe Name			
	form for proposals to Use Form 3160-3 (AP		I			
SUBMIT IN	TRIPLICATE - Other instruct	ions on page 2	7. If Unit of CA	/Agreement, Name and/or No.		
1. Type of Well			O. W. H.M.	1N		
✓ Oil Well Gas V	_		8. Well Name a	<sup>nd No.</sup> Green Wave 20-32 Fed St Com 1H		
2. Name of Operator DEVON ENERG	BY PRODUCTION CO		9. API Well No	30-025-43186		
3a. Address 333 WEST SHERIDAN OKLAHOMA CITY, OK	AVL	o. Phone No. <i>(include area</i> 405) 228-2480	· ·	ool or Exploratory Area 6 S263407P; UPR BONE SPRIN		
4. Location of Well (Footage, Sec., T., I	• • •		11. Country or			
L-20-26S-34E 2155 FSL 27	70 FWL		LEA COUNT	TY, NM		
12. CHE	CK THE APPROPRIATE BOX	X(ES) TO INDICATE NAT	URE OF NOTICE, REPORT O	R OTHER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION			
✓ Notice of Intent	Acidize	Deepen	Production (Start/Res	<i>′</i> =		
_	Alter Casing	Hydraulic Fracturii	` =			
Subsequent Report	Casing Repair	New Construction	Recomplete	Other		
Final Abandonment Notice	Change Plans Convert to Injection	✓ Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	1		
				sed work and approximate duration thereof. If		
completed. Final Abandonment No is ready for final inspection.)  1. MIRU P&A unit. TOOH w/ T 2. Set CIBP @ 9220'. Tag. Cir 3. Spot 25 sx CI H from 9220'-4. Spot 25 sx CI H from 8003'-5. Spot 25 sx CI C from 6455'-6. Spot 25 sx CI C from 5374'-27. Perf @ 3000'. Sqz 40 sx CI	tices must be filed only after all BG and GLV ~ 9587' to 10# salt gel. Pressure test 9050'. WOC & Tag. (KOP @ 7830'. (Brushy Canyon @ 645470', WOC & Tag (Shoe @ C from 3000'-2890'. WOC & FROM 884-675', WOC & T	500 psi/30min. CBL on 9270') (53') (55') (5309'; Bell Canyon @ 57 Tag. 3000' to 2870', (In 13 Tag (T. Salt @ 1163')	clamation, have been complete file TOC @ 4700'.  324', B Salt @ 5289') 5374' t sxs/Out 26 sxs) If no injection 213' to 775', (In 44 sxs/Out 87 s	form 3160-4 must be filed once testing has beed and the operator has detennined that the site to 5050', 33 sxs Class C spot cement instead.		
14. I hereby certify that the foregoing is JEFF YOUNG	true and correct. Name (Printe		UCTION			
		Title				
Signature Jaff	Goung	Date	04	1/09/2024		
η ω	THE SPACE F	OR FEDERAL OR	STATE OFICE USE			
Approved by Long Vo	2	Title	Petroleum Engineer	6-2-2025 Date		
Conditions of approval, if any, are attac certify that the applicant holds legal or which would entitle the applicant to co	equitable title to those rights in		Carlsbad Field Off	ice		

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.

#### **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, 3162.3-4.

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

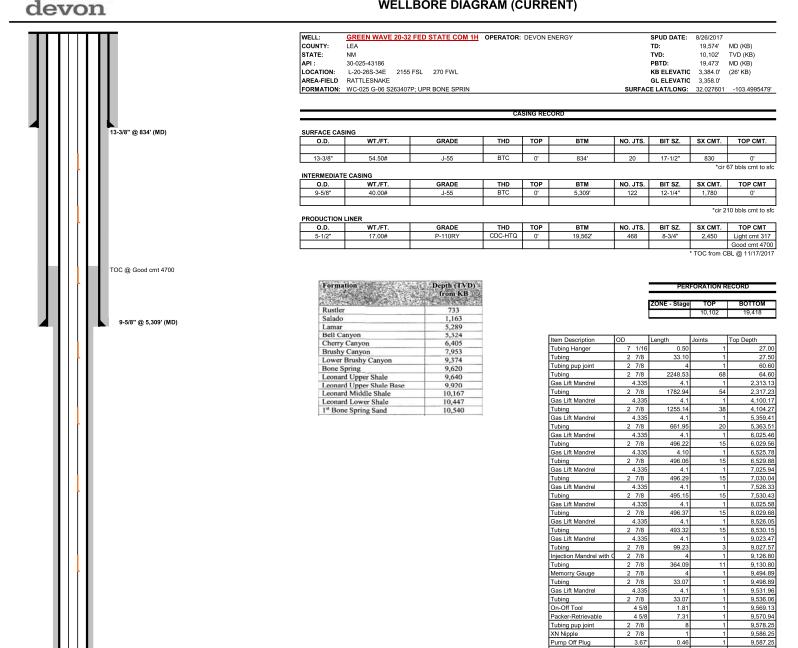
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

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

#### **WELLBORE DIAGRAM (CURRENT)**



5-1/2" @ 19,562' (MD) TD @ 19,574' (MD) PBTD @ 19,473' (MD) (10,102' TVD)

Bottom Perf (Stage 1): 19,418' MD

.....

KOP ~ 9,270'

Top Perf (Stage ): 10,102' MD

III III III

III III III

III III III

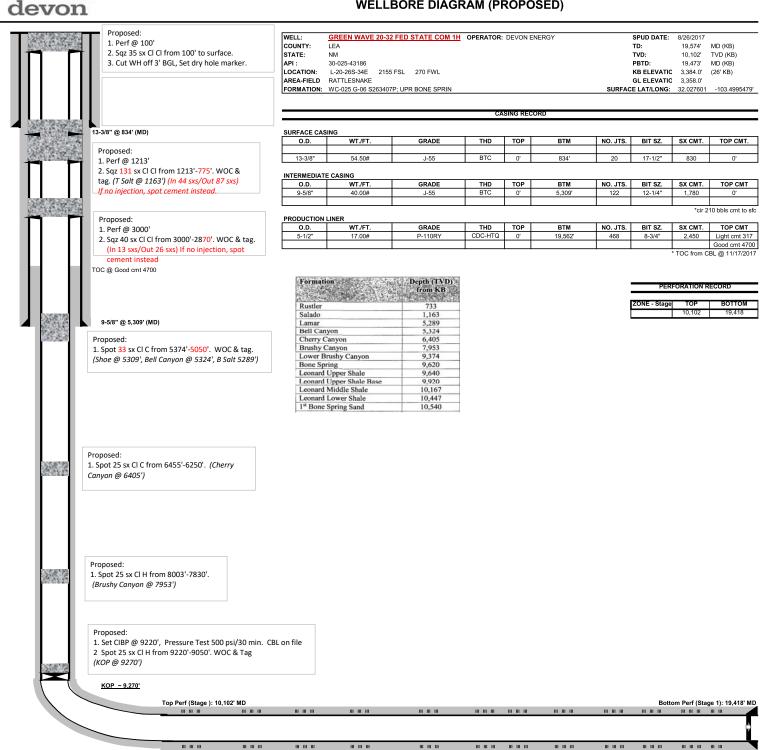
III III III

.....

III III III

.....

#### **WELLBORE DIAGRAM (PROPOSED)**



5-1/2" @ 19,562' (MD) TD @ 19,574' (MD) PBTD @ 19,473' (MD) (10,102' TVD)

REVISED

3:24 pm, Jun 02, 2025

Outside of Lesser Prairie Chicken Area

#### BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

#### Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Lea County, call 575-689-5981. Eddy County, please email notifications to: <a href="mailto:BLM NM CFO PluggingNotifications@BLM.GOV">BLM NM CFO PluggingNotifications@BLM.GOV</a>. The Eddy County inspector on call phone, 575-361-2822, will remain active as a secondary contact.

<u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

<u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.** 

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Above Ground Level Marker: If outside of Lesser Prairie-Chicken Habitat an above ground level marker shall be utilized. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified BY PHONE (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 14<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off. The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

Below Ground Level Marker: If within Lesser Prairie-Chicken Habitat a below ground level marker shall be utilized. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified BY PHONE (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 14<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ½ inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

Operator to verify the ground marker type with the BLM before setting dry hole Marker.

Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

<u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

<u>Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:</u>
From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.



### **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

#### **Reclamation Objectives and Procedures**

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No.

For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and

access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech/Environmental Protection Specialist 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Jose Martinez-Colon Environmental Protection Specialist 575-234-5951

Angela Mohle Environmental Protection Specialist 575-234-9226

Robert Duenas Environmental Protection Specialist 575-234-2229

Terry Gregston Environmental Protection/HAZMAT Specialist 575-234-5958 Sundry ID 2846182

Sundry ID	2846182						T
						Cement	
Plug Type	Тор	Bottom	Length	Tag	Sacks	Class	Notes
	·		- ŭ				Perf and circulate
							from 100' to
							surface. Verify at
Surface Plug	0.00	100.00	100.00	Tag/Verify	30.00	С	surface.
13.375 inch- Shoe Plug	775.66		108.34	Tag/Verify			
Total of the straig	770.00	001.00	100.01	1 3/ 1 /			Perf and attempt
							squeeze from 1213'
							to 775'. WOC and
Top of Salt @ 1060	999.40	1110.00	110 60	Tag/Verify	131.00	C	Tag.
Top or dark to 1000	333.40	1110.00	110.00	rag, voiny	101.00		rug.
				If solid			
				base no			
				need to			
				I			
				Tag (CIBP			
				l '			
				present			
				and/or			1
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			Perf and attmpt
				CIBP if no			squeeze from 3000'
				Open			to 2870'. WOC and
				Perforatio			Tag. (In 13 sxs/Out
Spacer Plug @ 2950	2870.50	3000.00	129.50	ns	40.00	С	26 sxs)
Base of Salt @ 5152	5050.48	5202.00		Tag/Verify			
Delaware @ 5303	5199.97	5353.00	153.03	base no			
							Spot cement from
							5374' to 5050'.
9.625 inch- Shoe Plug	5205.91	5359.00	153.09	Tag/Verify	33.00	С	WOC and Tag.
Ţ.							•
				If solid			
				base no			
				need to			1
				Tag			1
				(CIBP			1
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			1
				Sqz then			1
				Tag, Leak			1
							1
				Test all			1
				CIBP if no			1
				Open			0
				Perforatio	05.66		Spot cement from
Spacer Plug @ 6405	6290.95	6455.00	164.05	ns	25.00	Ü	6455' to 6290'.
				base no			
				need to			1
KOP @ 9270	9127.30	9320.00	192.70				1
	0.27.00	0020.00	102.70				1

				I			
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			
				Open			Set CIBP at 9220'.
				Perforatio			Spot 25 sxs on top.
CIBP Plug	9185.00	9220.00	35.00	ns	25.00	Н	Leak test CIBP.
Bonesprings @ 9602	9455.98	9652.00	196.02	base no			
5.5 inch- Shoe Plug	19316.38	19612.00	295.62	Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole. Class H >7500' Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

 Cave Karst/Potash Cement Requirement:
 Low

 Wild Life
 Outside of Lesser Prairie Chicken Area

 13.375 inch- Shoe Plug @
 834.00

 9.625 inch- Shoe Plug @
 5309.00

 5.5 inch- Shoe Plug @
 19562.00
 TOC @
 4700.00

CIBP @ 9220.00

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 470020

#### **CONDITIONS**

Operator:	OGRID:			
DEVON ENERGY PRODUCTION COMPANY, LP	6137			
333 West Sheridan Ave.	Action Number:			
Oklahoma City, OK 73102	470020			
	Action Type:			
	[C-103] NOI Plug & Abandon (C-103F)			

#### CONDITIONS

Created I	By Condition	Condition Date
gcorde	To None	6/12/2025