Form 3160-5 FORM APPROVED OMB No. 1004-0137 UNITED STATES (June 2019) DEPARTMENT OF THE INTERIOR Expires: October 31, 2021 BUREAU OF LAND MANAGEMENT 5. Lease Serial No. NM-94189 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name 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 7. If Unit of CA/Agreement, Name and/or No. 1. Type of Well ✓ Oil Well Gas Well 8. Well Name and No. Other EILLIAMS #14 2. Name of Operator SOUTHWEST ROYALTIES, INC. 9. API Well No. 30-025-33479 3a. Address P.O. BOX 53570 10. Field and Pool or Exploratory Area MIDLAND, TEXAS 79710 MALJAMAR; GRAYBURG-SAN ANDRES 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. Country or Parish, State G, SEC 34, T-17S, R-33E, 1650' FNL & 1980' FEL LEA COUNTY, NEW MEXICO 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize ✓ Notice of Intent Deepen Production (Start/Resume) Water Shut-Off Alter Casing Hydraulic Fracturing Well Integrity Casing Repair Subsequent Report Change Plans ✓ Plug and Abandon Final Abandonment Notice Convert to Injection Plug Back 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.) NOTICE OF INTENT TO PLUG AND ABANDON - 24 HRS NOTICE POH 2-3/8" tbg, Set CIBP @ 4410" w/ 35' Class C cmt, WOC 4 hrs & tag, Test to 500 psi. Circ hole with 10# gelled brine. CMT Plug #1 @ 1550', Perf and Squeeze 35 exe Class H cmt, WOC 4 hrs & tag, Surface Plug @ 400' - Perf and Circulate Class C cmt to Surface. No earthen pit, Open/Steel pit will be used, Contents disposed of at approved disposal site, remove wellhead, Install below ground dry hole maker See Attachments For Corrections. ** Location Remediation to Follow** Accepted for record - NMOCD **JRH** 3/23/23 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) LINDSAY LIVESAY REGULATORY ANALYST Title Lindsay Livesay Signature 12/10/2021 THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Long Vo

Title Petroleum Engineer Date 1/23/2022

Conditions of approval, if any, are attached. Approval of this notice does not warrant or

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 Cre

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)

Plug Type	Тор	Bottom	Length	Tag	Sacks	Notes
						Verify at Surface,
Surface Plug	0.00	400.00				Perf and Squeeze
Shoe Plug	1490.00			Verify/Tag		(In/Out)
Top of Salt @ 1578	1512.22	1628.00	.00.00			Spot
Base of Salt @ 2634	2557.66	2684.00	115.78		25.00	Spot
	2007.00	2004.00	126.34	rag	25.00	Spot
				If solid		
				base no		
				need to		
				Tag		
				(CIBP		
			Vicential	present),		
			1	If Perf &		
				Sqz then		
				Tag, Leak		
Yates @ 2926	2040 74	0070.00	1	Test all		
	2846.74	2976.00	129.26	CIBP	25.00	Spot
				lf solid		
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			4.3	CIBP		
				present),		
				f Perf &		
				Sqz then		
				ag, Leak	Table of the last	
IBP Plug	4240.00	4275.00		est all		
erforations Plug (If No CIBP)	Market Company of the	4486.00	35.00 C		5.00	Dump Bailer
erforations Plug (If No CIBP)	4460.00	4604.00	144.00 T			Not Necessary
erforations Plug (If No CIBP)	4745.00	4883.00	138.00 T			Not Necessary

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.

Critical, High, Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water. R111P: 50' from bottom of salt to surface

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

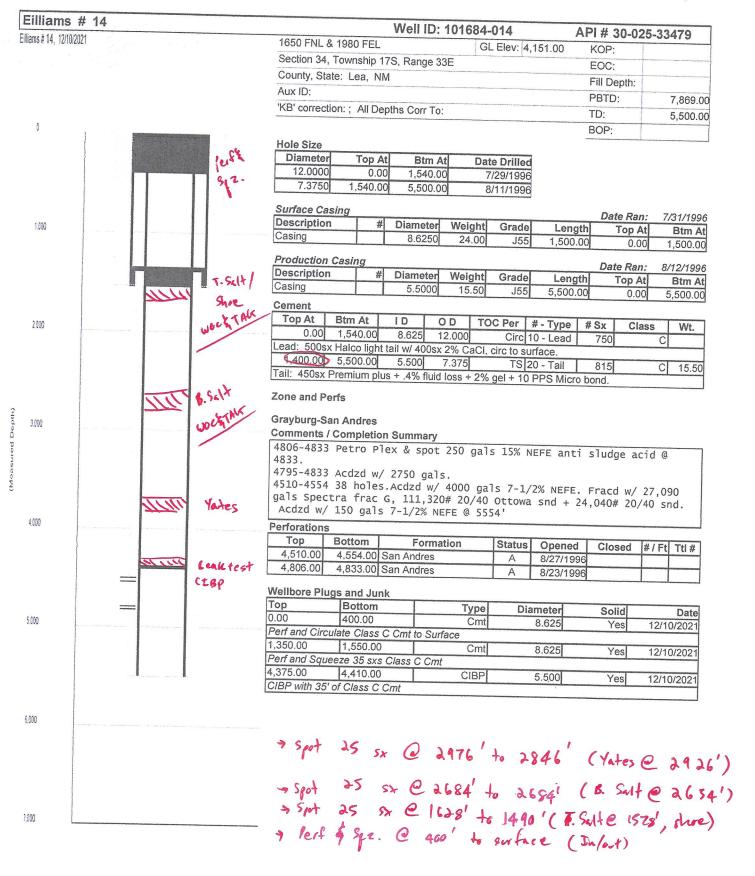
Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

6			soposit of I
Cave Karst/Potash Cement	Low		
Shoe @	1540.00		
Shoe @	4894.00	TOC @	1400.00
Perforatons Top @	4325.00	Perforations Bottom @ Perforations	4436.00
Perforatons Top @	4510.00	Bottom @	4554.00
Perforatons Top @	4795.00	Perforations Bottom @	4833.00
		CIBP @	4275.00

Wellbore Schematic

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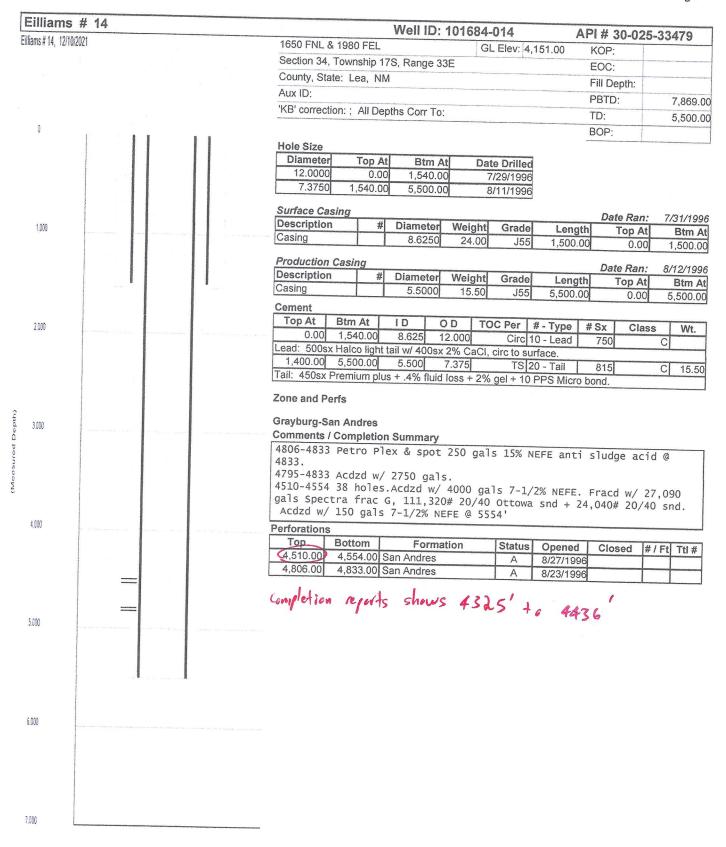


Prairie Chicken, Low Care

Wellbore Schematic

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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 (LPC Habitat)

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.

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 90th day provide this office, prior to the 90th 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.

- 2. <u>Notification:</u> 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; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <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.
- 4. <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 **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: 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.

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.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 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 10th 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 ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

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.

- 7. <u>Subsequent Plugging Reporting:</u> 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.**
- 8. <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 1st through June 15th 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 predisturbance 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 and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip 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. 1.
- 2. 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.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. 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.
- 6. 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.
- 7. 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 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Melissa Horn Environmental Protection Specialist 575-234-5951

Kelsey Wade Environmental Protection Specialist 575-234-2220

Trishia Bad Bear, Hobbs Field Station Natural Resource Specialist 575-393-3612

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Wellbore Schematic

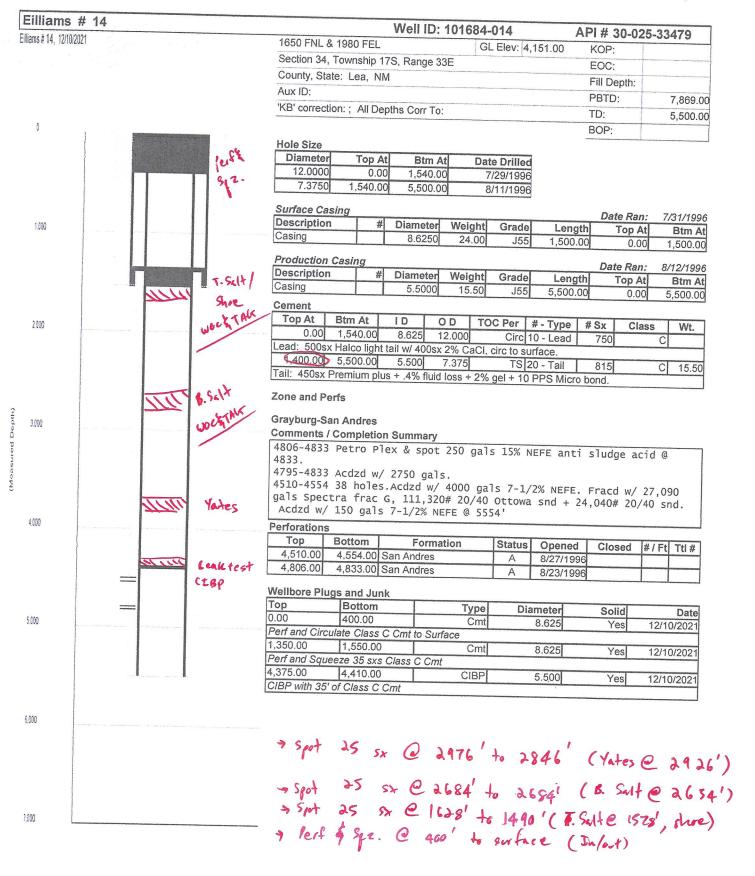
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Eilliams #	: 14				Well ID:	101684-0	014	AP	l # 30-025	-334	79
Eilliams # 14, 12/10/202	1		1650 FNL &	1980 FEL		GL	Elev: 4,1	51.00 k	(OP:		
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ž			4510-4554	1 38 hole tra frac	S.ACQZQ W,	/ 4000 ga 20# 20/40	J O++OW3	2% NEFE. 1.2%	Fracd w/	27,05 40 sr	90 nd
			gals Spectra frac G, 111,320# 20/40 Ottowa snd + 24,040# 20/40 snd. Acdzd w/ 150 gals 7-1/2% NEFE @ 5554'								
4.000		Perforation									
4,000			Top	Bottom	Forn	nation	Status	Opened	Closed	# / Ft	Ttl#
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Wellbore Schematic

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 184710

COMMENTS

Operator:	OGRID:
SOUTHWEST ROYALTIES INC	21355
P O BOX 53570	Action Number:
Midland, TX 79710	184710
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Г	Created By	Comment	Comment Date
ſ	john.harrison	Accepted for record - NMOCD JRH 3/23/23 BLM approved P&A 1/22/22	3/23/2023

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CONDITIONS

Created By	Condition	Condition Date
john.harrisor	None	3/23/2023