

Well Name: LUCIA BROOKS	Well Location: T18S / R30E / SEC 14 / SESW / 32.7411564 / -103.945844	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC050664	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001504512	Well Status: Producing Oil Well	Operator: KNOX JACK D

Notice of Intent

Sundry ID: 2772050

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 01/26/2024	Time Sundry Submitted: 09:38
Date proposed operation will begin: 03/01/2024	

Procedure Description: Requesting permission to plug and abandon. See attached plugging procedure, & current and proposed wellbore schematics. If you have any questions please contact Klay Kirkes.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Proposed_WBS_20240126093503.pdf
- Current_WBS_20240126093450.pdf
- LUCIA_BROOKES__1_PA_PROCEDURE_20240126093304.pdf

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Operator: KNOX JACK D

Conditions of Approval

Specialist Review

2772050__Lucia_Brooks_1__Procedure_and_COA_20240302145337.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: JACKIE LATHAN

Signed on: JAN 26, 2024 09:38 AM

Name: KNOX JACK D

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Phone: (575) 393-5905

Email address: Jlathan@mewbourne.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY

BLM POC Title: ENGINEER

BLM POC Phone: 5759884722

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition: Approved

Disposition Date: 03/02/2024

Signature: Keith Immatty

Mexbourne Oil Company

Plug and Abandon

Submitted By: K.Kirkes

Wellname: Lucia Brookes #001

Location: 330' FSL & 1650' FWL; Sec 14, T18S, R30E; Eddy Co., NM

Date: 1/4/24

Csg Set: 3260'

Perfs: OH to 3314'

Csg Size: 7" 20# Unknown Grade (8" hole)
8 1/4" 28# Unknown Grade (12"

Tbg: Unknown

Surf Csg: hole)

Tbg Set @: Unknown

Set @: 605'

Procedure as follows:

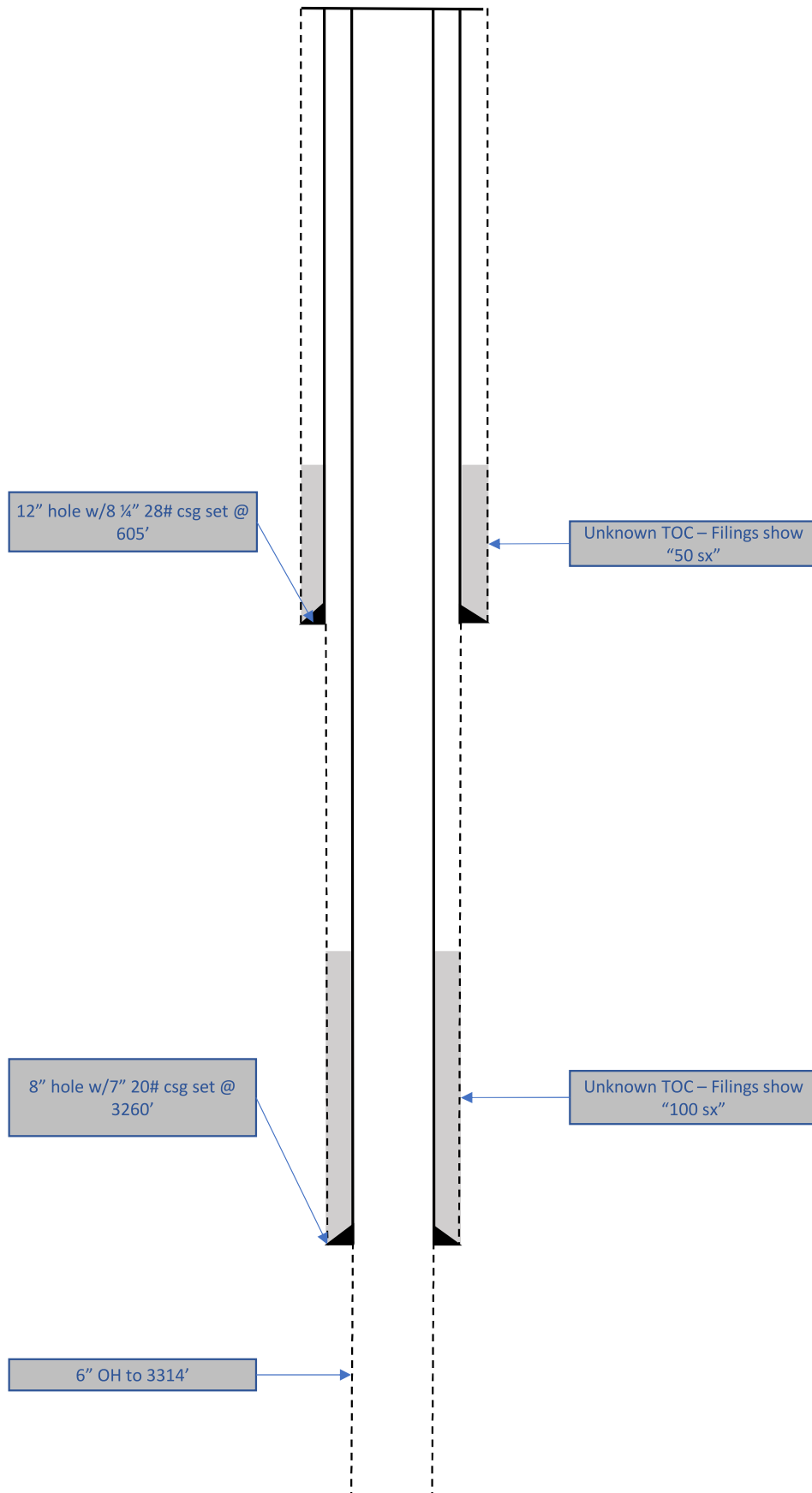
1. MIRU turnkey plugging crew.
2. POOH & LD rods & pump.
3. ND WH & NU BOP.
4. POOH w/tbg & LD.
5. RIH w/2 3/8" workstring to 3314' (TD) & spot 25 sx Class C neat cmt.
6. WOC 4 hrs & tag TOC @ 3180' or higher (7" shoe @ 3260'). Pressure test 500psi, 30mins. Check for leaks. Remediate if any
7. MIRU WL. Run CBL from 3210' to surface & determine TOC.
8. RIH w/tbg & spot 25 sx Class C neat cmt 50' below TOC.
9. WOC 4 hrs & tag cmt a minimum of 50' above TOC.
10. POOH w/tbg.
11. RIH w/WL & perforate 7" csg @ 2880'. POOH w/WL.
12. RIH w/tbg & pkr. Set pkr @ 2600'.
13. Squeeze balanced plug through perfs @ 2880 w/40 sx Class C neat cmt.
14. WOC 4 hrs. Release pkr & tag TOC @ 2780' or higher (Queen @ 2830')
15. POOH w/tbg. RIH w/WL & perf 7" csg @ 2018'. POOH w/WL.
16. RIH w/tbg & pkr. Set pkr @ 1700'.
17. Squeeze balanced plug through perfs @ 2018' w/40 sx Class C neat cmt.
18. WOC 4 hrs. Release pkr & tag TOC @ 1898' or higher (Yates @ 1968').
19. POOH w/tbg. RIH w/WL & perf 7" csg @ 1555'. POOH w/WL.
20. RIH w/tbg & pkr. Set pkr & 400'.
21. Squeeze balanced plug through perfs @ 1555' w/375 sx Class C neat cmt.
22. WOC 4 hrs. Release pkr & tag TOC @ 455' or higher (Salt 820' – 1505', Surface shoe 605').
23. POOH w/tbg. RIH w/WL & perf 7" csg @ 200'.
24. Circulate 75 sx Class C neat cmt down 7" production csg, up 7" annulus to surface.
25. WOC 4 hrs & ensure wellbore remains full.
26. Cut off wellhead.
27. Run 1" pipe down annular space behind 8 1/4" surface csg to determine TOC.
28. Use 1" to circulate cmt to surface behind 8 1/4" surface csg. Ensure wellbore remains full.
29. Weld on plate & dry hole marker.
30. Remove equipment & remediate location.

Adjusted depths for a few plugs to include excess (10% of length per 1000' of depth.) R111P well plugging requirements apply. See COA

Lucia Brookes #1 – Current WBS

330' FSL & 1650' FWL, Sec. 14 –T18S – R30E - Eddy Co, NM

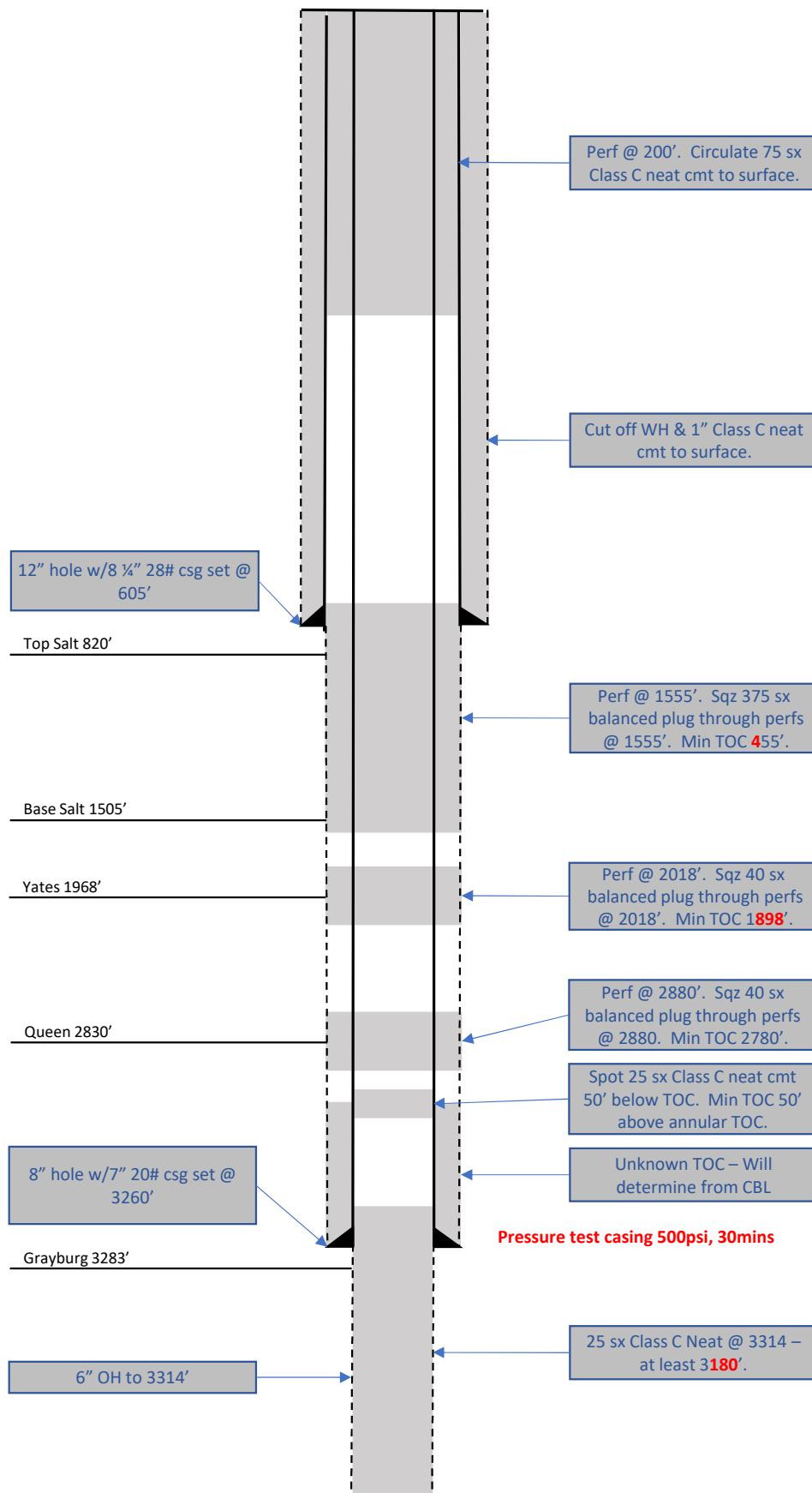
API 30-015-04512



Lucia Brookes #1 – Proposed WBS

330' FSL & 1650' FWL, Sec. 14 –T18S – R30E - Eddy Co, NM

API 30-015-04512



**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 **ninety (90)** 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. **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; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. **Blowout Preventers:** 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. **Mud Requirement:** 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. **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.

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 BY PHONE (numbers listed under 2.Notification) 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. The following information shall be permanently inscribed on the plate: 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).

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. 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.**

8. Trash: 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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

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

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
District IV
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

CONDITIONS

Action 323960

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 323960
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	CBL must be submitted to OCD via OCD Permitting	3/27/2024