

REDWOOD
OPERATING LLC
PO BOX 1370 ARTESIA NM 88211-1370

February 10, 2023

Oil Conservation Division
Attn: Engineering Bureau
1220 South St. Francis Dr.
Santa Fe, NM 87505

Dear Director:

Redwood Operating LLC respectfully requests an exception to set our tubing packer 446.5' from the top perforation on the Choate Davis 23 State SWD #4 Sec. 23-T18S-R27E, SWD-2444. Redwood drilled the well to 7200' and set 7" casing with cement circulated to surface, then drilled to a TD of 8,295' and set a 4 1/2" liner from TD to 213' into the 7" casing to ensure a strong seal. Logs were not ran in the open hole portions of the well due to well conditions. After cased hole logs were ran, the Cisco top came in approximately 200' lower than anticipated. This caused the approved disposal interval to be lowered from 7,200' to 7,395' (top of the Cisco). The top perforation is therefore located at 7,396.5', which is 426.5' from the liner top. The tubing packer has been set as close to the liner top as possible at 6,950'. The unique circumstance with drilling this well and running casing has forced us to have a distance of 446.5' between our tubing packer and the top perforation. Please see attached wellbore diagram for reference.

Redwood is currently rigged up and requesting approval to finish completion of the well for disposal.

Thank you for your assistance in this matter. If you have any questions, please feel free to call.

Sincerely,
REDWOOD OPERATING LLC



Jerry W. Sherrell
Regulatory Supervisor

JWS/

Cement & Casing Design

Location	Choate Davis 23 State SWD #4
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Date	2/11/2023
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Tubular	Size (in.)	Weight (lbs/ft)	Grade	Thread	Top Depth (ft.KB)	Bottom Depth (ft.KB)
1. Conductor Casing	20"					
2. Surface Casing	13-3/8"	48#	J-55	ST&C	0	315'
3. Intermediate Casing	9-5/8"	36#	J-55	ST&C	0	2,801'
4. Production Casing	7"	26#	L-80	LT&C	0	7,200'
5. Liner	4-1/2"				6,987'	8,295'

[illegible]

NOTES

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