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 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-44193
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name RED TANK 30 31 STATE COM
8. Well Number #014H
9. OGRID Number 16696
10. Pool name or Wildcat [51687] RED TANK;BONE SPRING, EAST

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator OXY USA INC	
3. Address of Operator P.O. BOX 4294 HOUSTON, TX 77210	
4. Well Location Unit Letter <u>A</u> : <u>200</u> feet from the <u>NORTH</u> line and <u>710</u> feet from the <u>EAST</u> line Section <u>30</u> Township <u>22S</u> Range <u>33E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CLGC <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OXY REQUESTS TO PLACE THIS CLGC WELL IN SERVICE. PER GUIDANCE PROVIDED BY DEAN MCCLURE, PLEASE SEE THE ATTACHED INFORMATION.

THIS WELL IS ASSOCIATED WITH CASE 23427 AND ORDER R-22101-A.

UPON FURTHER REVIEW, WE HAVE STRONG CONFIDENCE THE TOC IS ABOVE THE INTERMEDIATE CASING SHOE DEPTH AND IS BETWEEN 2662 FT TO 2800 FT. THE PRODUCTION TOC REVIEW REPORT BY AN OXY DRILLING ENGINEER IS ATTACHED WITH DETAILS.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stephen Janacek TITLE REGULATORY ENGINEER DATE 4/7/2025
~~DATE 3/25/2025~~

Type or print name STEPHEN JANACEK E-mail address: STEPHEN_JANACEK@OXY.COM PHONE: 713-493-1986

For State Use Only

APPROVED BY: Dean R McClure TITLE Petroleum Engineer DATE 04/15/2025
 Conditions of Approval (if any):

NOI GENDERAL SUNDRY C-103X- CLGC PLACED IN SERVICE

WELL RED TANK 30 31 STATE COM #014H

API 30-025-44193

DETAILS

- THIS WELL IS PERMITTED AS CLGC STORAGE WELL.
- IT IS ASSOCIATED WITH CASE 23427 AND ORDER R-22101-A.
- A CBL IS ON RECORD WITH THE DIVISION AND CONFIRMS THE CEMENT COVERAGE IS ADEQUATE. A CBL WAS SUBMITTED TO THE OCD IN TIF FORMAT ON 3/25/2025.
- A SUCCESSFUL MIT HAS BEEN CONDUCTED ON THE WELL. THE PASSING MIT MEETING ALL STIPULATIONS INCLUDED IN THE ORDER WAS SUBMITTED AS A C-103Z ON 3/20/2025 AS AID# 444106.
- EQUIPMENT IS INSTALLED TO LIMIT THE INJECTION PRESSURE TO LESS THAN OR EQUAL TO THE MASP.
- EQUIPMENT IS INSTALLED TO MONITOR THE CASING ANNULUS PRESSURE AND INJECTION RATE.

Red Tank 30 31 State Com #14H

30-025-44193

Production TOC Review Report by Oxy Drilling Engineer

Summary of Findings

The follow analysis was put together for the Red Tank 30 31 State Com #14H, 30-025-44193. The focus was on determining the top of cement (TOC) of the production casing cement job based on three data sources: VDL from the CBL, Amplitude from the CBL, and the operational notes of the job. The findings were:

1. Calculations and full returns through production cement job indicate cement slurry to a minimum depth of 2662'.
2. VDL distortions at 2750'-2800'.
3. No significant drop in amplitude.

Detailed notes regarding the production cement job and VDL analysis can be found in the later sections of this report.

Based on the findings, we have strong confidence the TOC is above the intermediate casing shoe depth at a depth between 2662' to 2800' or higher.

Production Cement Job

The image below is the field summary of the 5.5" production cement. The job was conducted on 12/1/2018.

OP Daily - Dev Drilling 28 - Dec 1, 2018 - DRL - RED TANK 30-31 STATE COM 014H - ORIG HOLE - <HELMERICH & PAYNE DRLG.: H&P 657>

File View Tools Help

Report Complete

Dec 1, 2018 - 28

Datum HP657 26.5'KB @3,689.00ft (above Mean Sea Level)

Unit Oxy API - Survey Feet (USFT)

Single Section

Time Summary

Activity Details

(0 NPT/Failures) Activity Group Filter: All

	From	To	Hrs (hr)	Op Stage	Op Phase	Op Code	Op Sub	Op Type	Op Details Template	Op Details	Op Top MD (ft)	Op Btm MD (ft)
1	00:00	04:00	4.00	DRILL	31PRRC	CMT	PRM	P		<p>Cement 5.5" production casing. Mixed and pumped 130Bbls (207 sacks) of 9 ppg -- 3.561 yield -- 15.16 gal/sk water -- Lead cement followed with 528 bbls (1805 sacks) 13.2 ppg 1.645 yield 8.52 gal/sk water. Pumped at 5 BPM w/ final press 400 psi</p> <p>Dropped plug and displaced cement as follows: 433 Bbls of 10 ppg brine</p> <p>Displaced at 5 BPM w/ 460 psi Bumped plug at 04:00 980psi 500 psi over circulating pressure of 460 psi Bled back 3 bbls check float equip holding ok</p> <p>Note: Full returns thru cement job and displacement Rotate casing during cement job 30 rpm torque 20k. Rotate casing 5 min after bumped plug then slowly work torque out of casing</p> <p>retrieved 160 bbl 9 ppg brine back to surface Safety break: Working around high pressure lines</p>	19,687	19,687
2	04:00	05:00	1.00	DRILL	31PRRC	CMT	RIGUP	P		Rig down cement lines from rig floor flush thru BOPS and choke line	19,687	19,687
3	05:00	06:00	1.00	DRILL	31PRRC	WLHD	RWH	P		Install 5.5" casing slips with 220k on same. Test top of slips to 500 psi for 5 minutes.	19,687	19,687
										Good test		

General

Wellbore Fluid Properties

Fluid Management

Mud Products Inventory

Bulks Inventory

Daily Cost

Personnel

Safety

Pump Operations

Shaker Operations

Drillstrings

Air Drilling

Hole Sections

LOT / FIT

Directional Surveys

Remarks

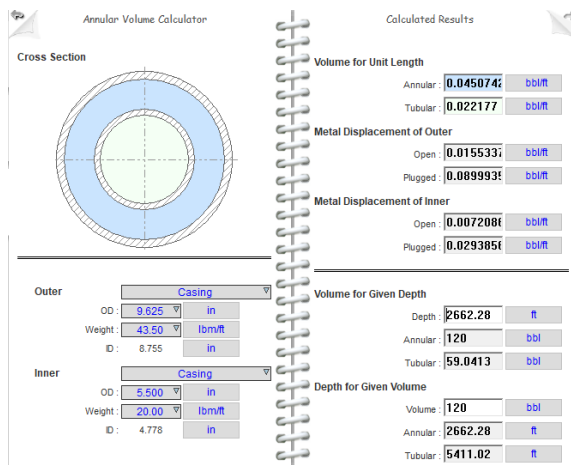
Highlighted are key observations regarding TOC estimation.

The full fluid sequence included:

- 230 bbls of 9 ppg spacer
- 50 bbls of 9 ppg spacer
- 130 bbls 9 ppg lead cement
- 528 bbls 13.2 ppg tail cement

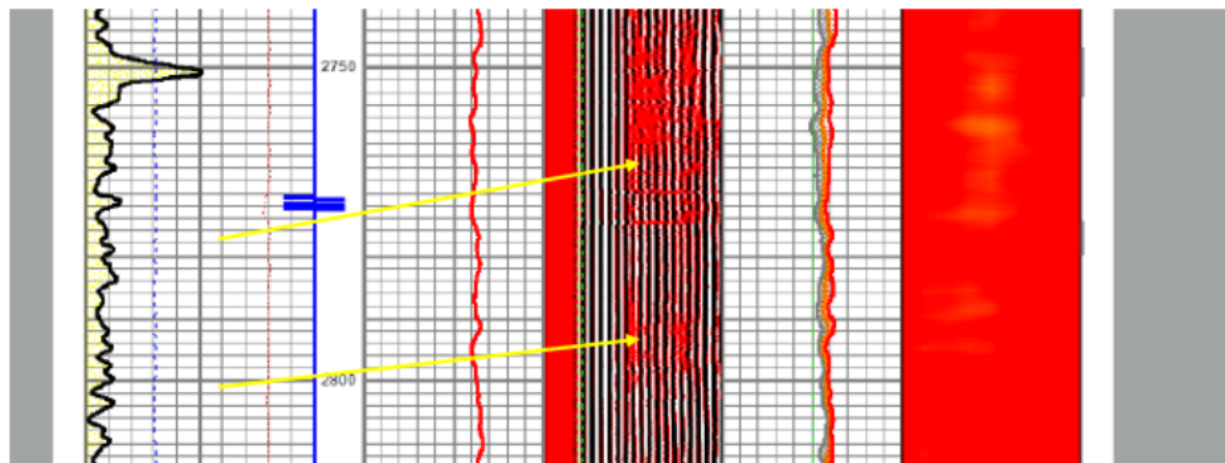
Known capacity within the intermediate and production annular (9 5/8" 43.5# x 5.5" 20# = 0.045 bbl/ft)

TOC is directly calculated by deduction that 70 bbls of brine (230_{pumped} – 160_{Returned} = 70) + 50 bbls spacer = 120 bbls above that of TOC @ ± 2662'.



VDL Distortions

VDL Distortions are seen at the depths below and indicated by the yellow arrows. These were identified between 2750 ft – 2800 ft.



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 449307

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 449307
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Operator may place the well into service to receive injection in accordance with Order R-22101-A.	4/15/2025