

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 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

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.)		WELL API NO. 30-039-25568
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator LOGOS OPERATING, LLC		6. State Oil & Gas Lease No. E0-0347-0066
3. Address of Operator 2010 AFTON PLACE, FARMINGTON NM 87401		7. Lease Name or Unit Agreement Name ROSA UNIT
4. Well Location Unit Letter <u>E</u> : <u>1695'</u> feet from the <u>NORTH</u> line and <u>1165'</u> feet from the <u>WEST</u> line Section <u>32</u> <u>31N</u> Township <u>05W</u> Range <u>NMPM</u> Rio Arriba County		8. Well Number <u>24A</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6505'		9. OGRID Number <u>289408</u>
		10. Pool name or Wildcat BLANCO MESAVERDE / BASIN DAKOTA

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 checked="" type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input 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.

Pre-approved Pool Division Order R-11363.

Pools to be commingled: Blanco Mesaverde (72319) and Basin Dakota (71599).

Perforated Intervals:

Blanco Mesaverde: 5291' - 6104'

Basin Dakota: 7976' - 8135'

Fixed percentage allocation based upon production data 45% Blanco Mesaverde and 54% Basin Dakota. This is based upon the historic production of both the Mesaverde and Dakota production zones within the well.

Commingling will not reduce the value of reserves.

Interest owners in the spacing unit have not been notified of the intent of the downhole commingle per order R-12991.

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 Etta Trujillo TITLE Regulatory Specialist DATE 2/6/2023

Type or print name Etta Trujillo E-mail address: etrujillo@logosresourcesllc.com PHONE: (505) 324-4154

For State Use Only

APPROVED BY: Dean R McClure TITLE Petroleum Engineer DATE 02/23/2023

Conditions of Approval (if any):



DOWNHOLE COMMINGLE PROCEDURE AND ALLOCATION-NMOCD (2023)

Rosa Unit 24A

30-039-25568

1695' FNL & 1165' FWL

Section 32, T31N, R05W

Rio Arriba, New Mexico

LAT: 36.858654° N LONG: -107.3907013° W

Mesaverde/Dakota

PROJECT OBJECTIVE:

Remove packer and downhole commingle Mesaverde and Dakota.

WORKOVER PROCEDURE:

1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well as necessary.
3. Nipple down wellhead and nipple up BOP.
4. Release Mesaverde tubing string. Trip out of hole with Mesaverde tubing string and lay down.
5. Release Dakota tubing string. Trip out of hole with Dakota tubing string and lay down.
6. Run in hole with packer plucker to retrieve Model D Packer at 6250'. Trip out of hole with packer plucker assembly and string.
7. Run in hole with single 2-3/8" production tubing string.
8. Return to production as a Mesaverde/Dakota commingle.

PRODUCTION ALLOCATION

Historic production data from both zones in this well was gathered and analyzed. Production rates from 2010 were used to determine allocations due to a failure that impacted production potential and cumulative allocation accuracy.

Cumulative Production

Total Production Rate	122 Mcfpd
Mesaverde Production Rate	56 Mcfpd
Dakota Production Rate	66 Mcfpd

MV allocation = MV rate/total rate = 56/122 = **45%**

DK allocation = DK rate /total rate = 66/122 = **54%**

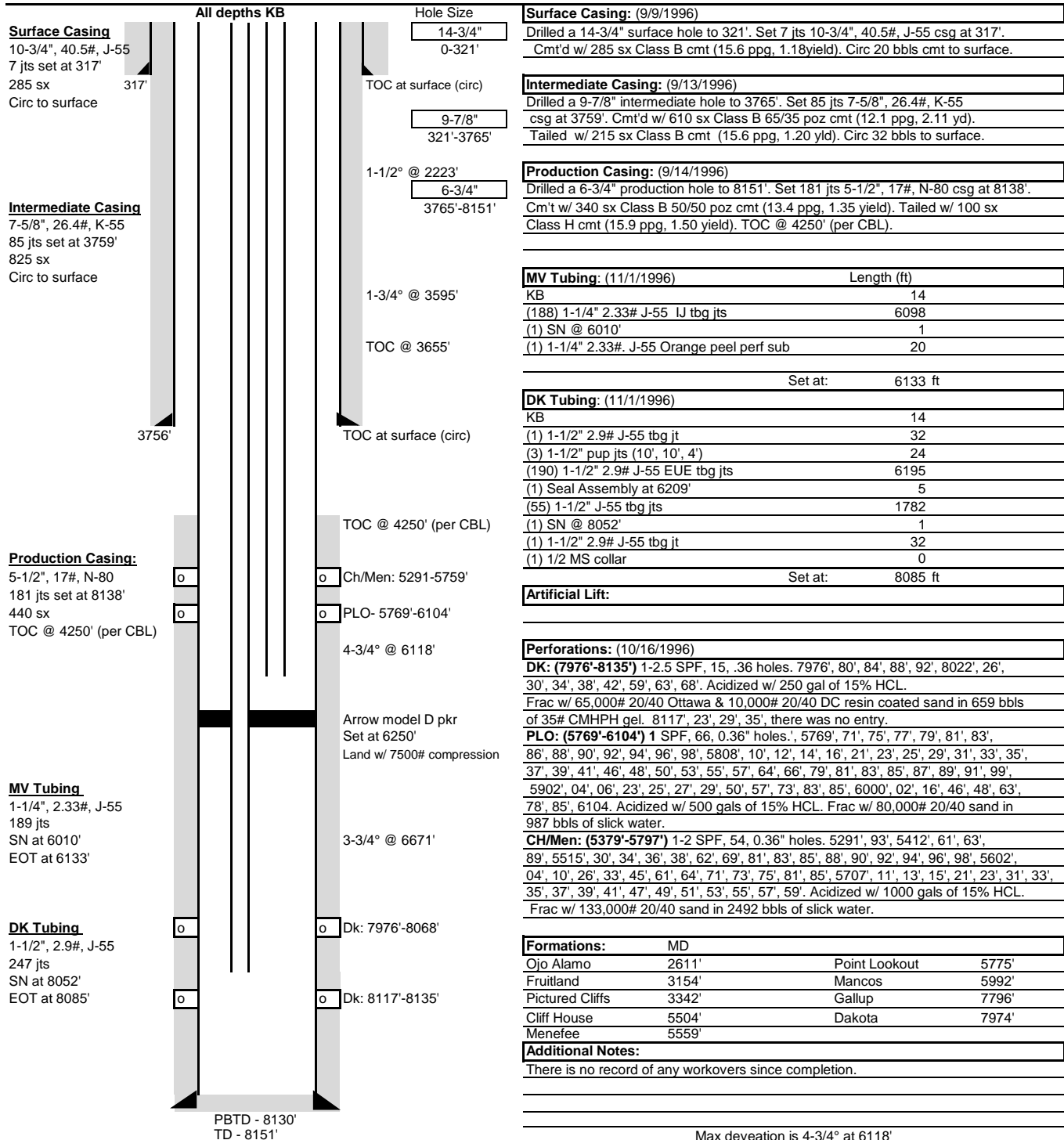


Wellbore Schematic

Well Name: Rosa Unit 024A
 Location: E-32-31N-05W 1695' FNL & 1165' FWL
 County: Rio Arriba, NM
 API #: 30-039-25568
 Co-ordinates: Lat 36.858654, Long -107.3907013 NAD83
 Elevations: GROUND: 6505'
 KB: 6519'
 Depths (KB): PBTD: 8130'
 TD: 8151'

Date Prepared: 12/12/2022 Peace
 Reviewed By: 12/15/2022 Gomez
 Last Updated:
 Spud Date: 9/9/1996
 Completion Date: 10/31/1996
 Last Workover Date: N/A

DIRECTIONAL WELLBORE



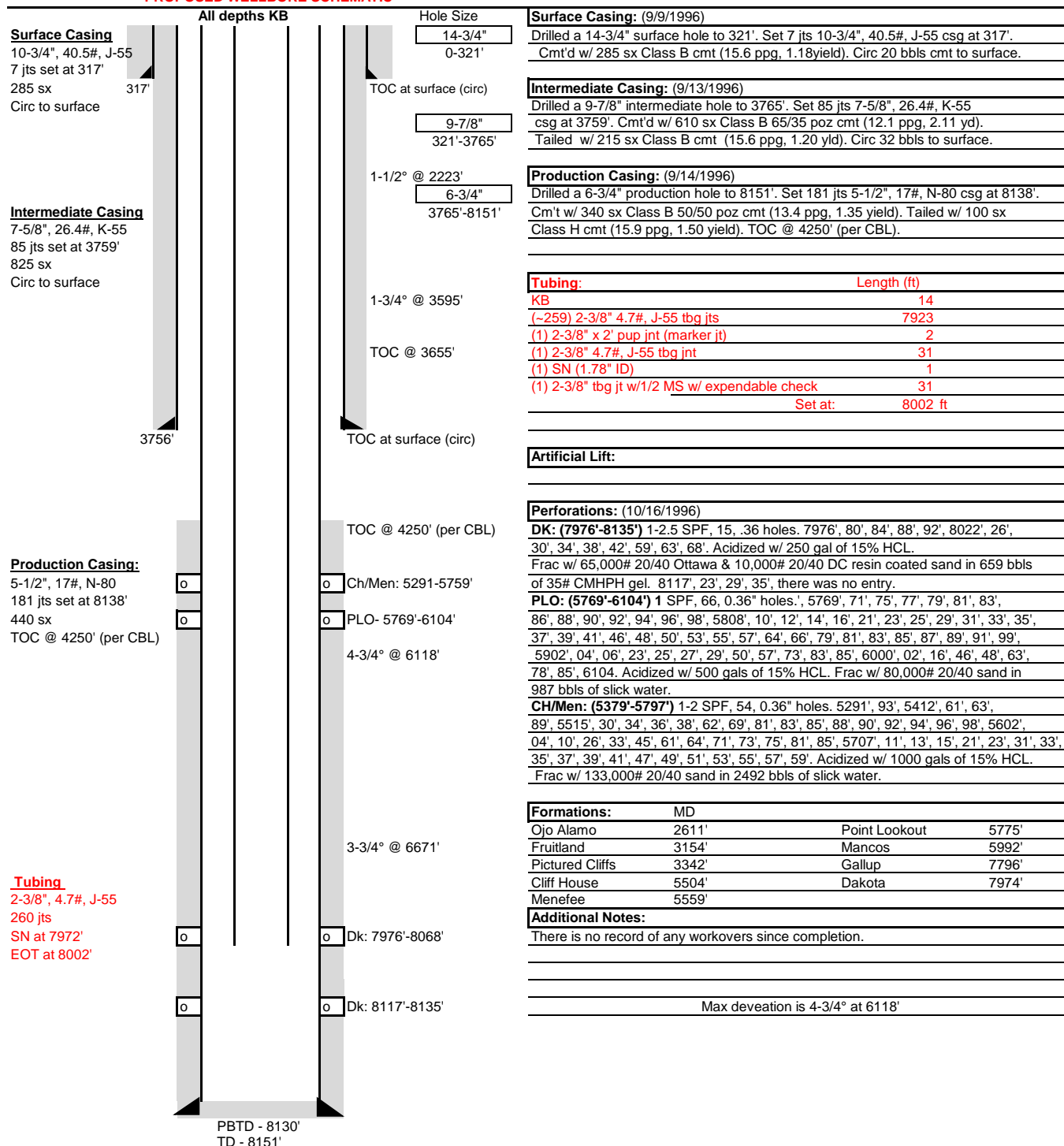


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 TD: 8151'

Date Prepared: 1/10/2023 Peace
 Reviewed By:
 Last Updated:
 Spud Date: 9/9/1996
 Completion Date: 10/31/1996
 Last Workover Date: N/A

PROPOSED WELLBORE SCHEMATIC



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COMMENTS

Action 189778

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 189778
	Action Type: [C-103] NOI Workover (C-103G)

COMMENTS

Created By	Comment	Comment Date
dmccure	DHC approved under Action ID: 183118	2/23/2023

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CONDITIONS

Created By	Condition	Condition Date
dmcclure	Once work is conducted, submit a SR as a C-103R	2/23/2023