

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. 30-039-26630
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. E0-0347-0065
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>N</u> : <u>860'</u> feet from the <u>SOUTH</u> line and <u>1975'</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>24B</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6518'		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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <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: 4574' - 5976'

Basin Dakota: 7948' - 8042'

Fixed percentage allocation based upon production data 53% Blanco Mesaverde and 47% 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 24B
30-039-26630
860' FSL & 1975' FWL
Section 32, T31N, R05W
Rio Arriba, New Mexico
LAT: 36.8512115° N LONG: -107.3879242° 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 if necessary.
3. Nipple down wellhead and nipple up BOP.
4. Release Mesaverde tubing string. Scan out of hole with Mesaverde tubing string, laying down joints as necessary.
5. Release Dakota tubing string. Scan out of hole with Dakota tubing string, laying down joints as necessary.
6. Run in hole with packer plucker to retrieve Model B Packer at 6150'. Trip out of hole with packer plucker assembly and string.
7. Run in hole with single 2-1/16" 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 were used to determine allocations due to a failure that impacted production and cumulative allocation accuracy.

Cumulative Production

Total Expected Production Rate	134 Mcfpd
MV Production Rate	71 Mcfpd
DK Production Rate	63 Mcfpd

MV allocation = MV rate/total rate = 71/134 = **53%**

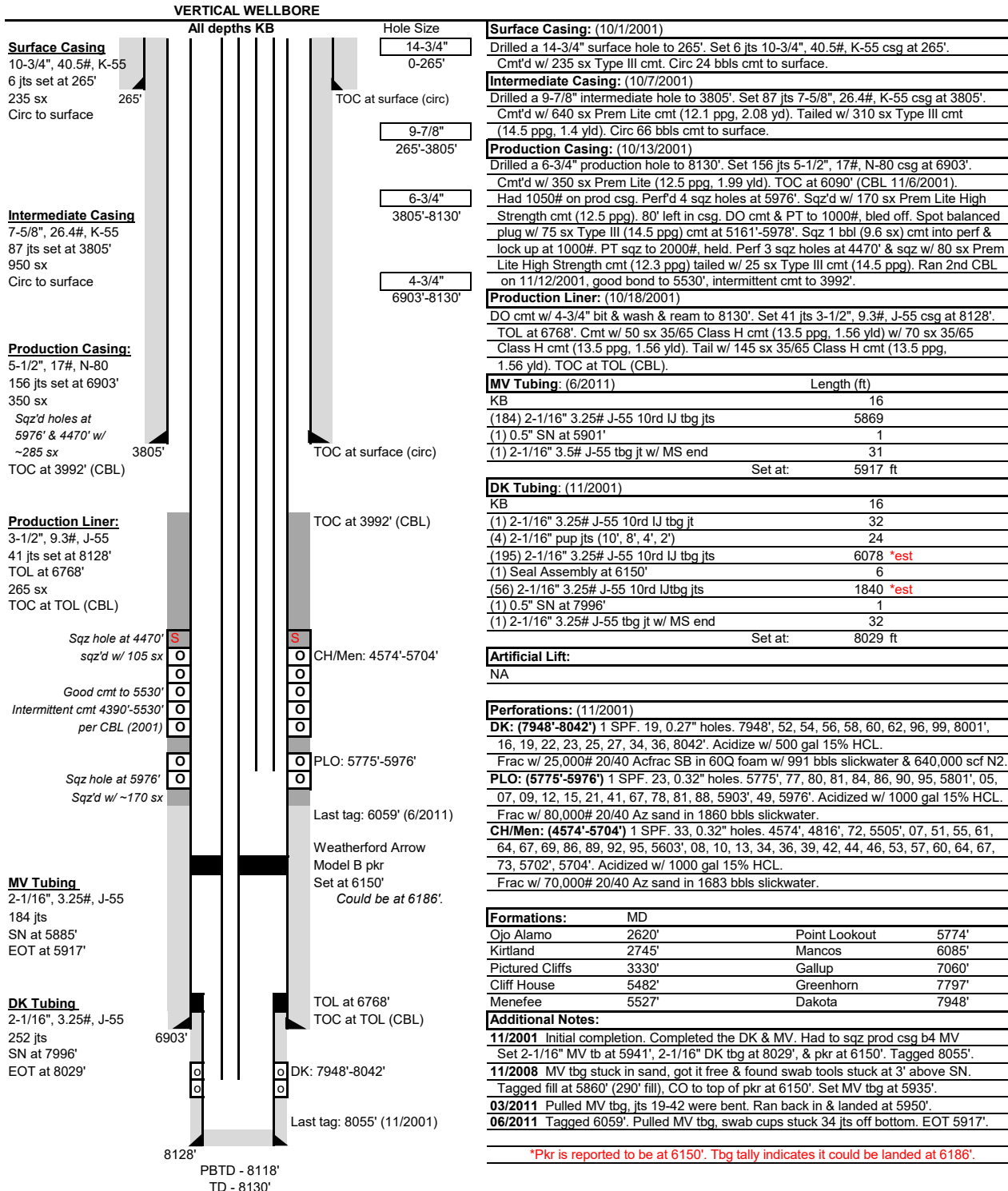
DK allocation = DK rate /total rate = 63/134 = **47%**



Wellbore Schematic

Well Name: Rosa Unit 24B
 Location: N-32-31N-05W 860' FSL & 1975' FWL
 County: Rio Arriba, NM
 API #: 30-039-26630
 Co-ordinates: Lat 36.8512115, Long -107.3879242 NAD1983
 Elevations: GROUND: 6518'
 KB: 6534'
 Depths (KB): PBDT: 8118'
 TD: 8130'

Date Prepared: 12/14/2022 Moss
 Reviewed By: 12/26/2022 Gomez
 Last Updated:
 Spud Date: 10/1/2001
 Completion Date: 11/22/2001
 Last Workover Date: 6/21/2011



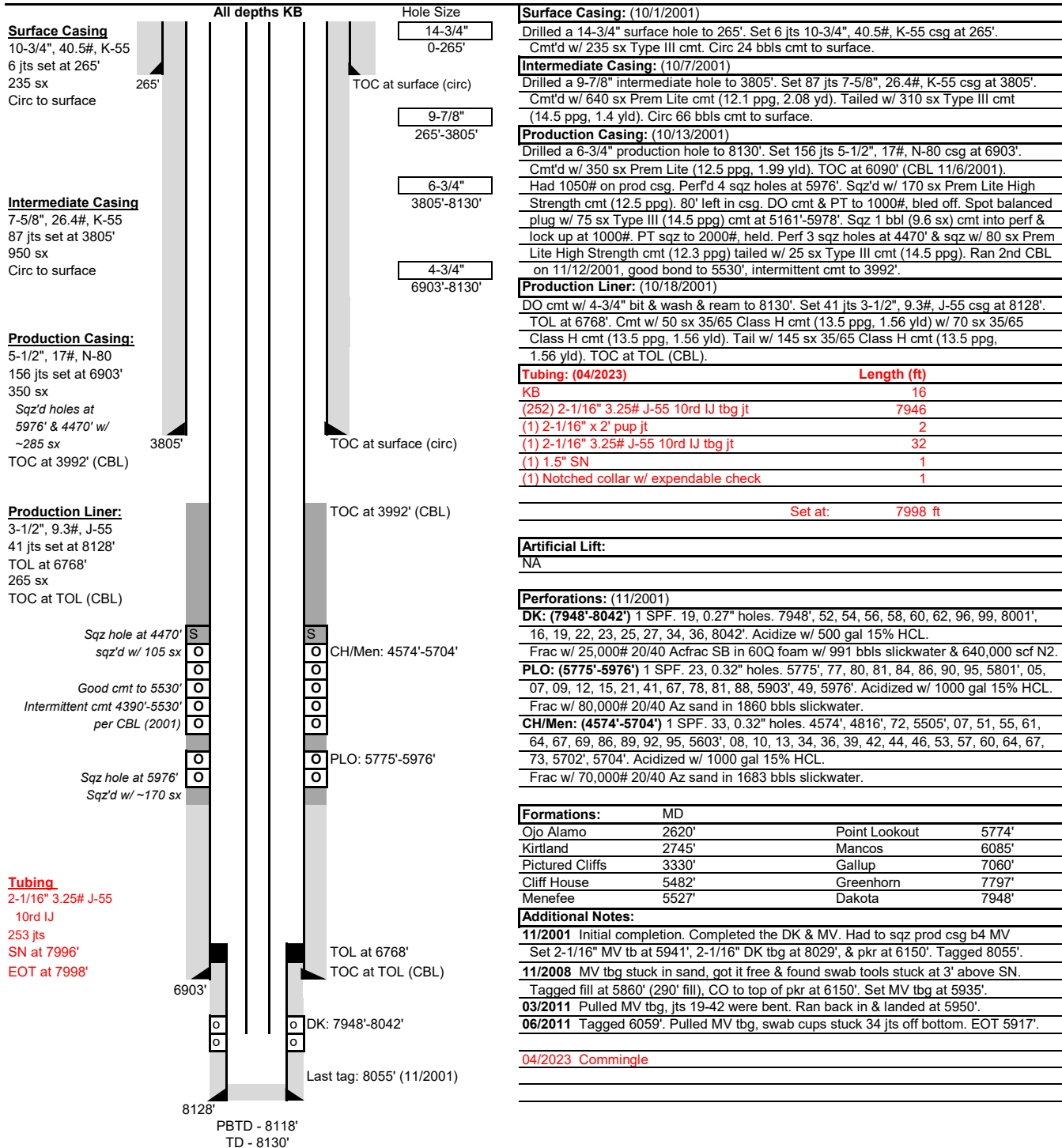


Proposed Wellbore Schematic

Well Name: Rosa Unit 24B
 Location: N-32-31N-05W 860' FSL & 1975' FWL
 County: Rio Arriba, NM
 API #: 30-039-26630
 Co-ordinates: Lat 36.8512115, Long -107.3879242 NAD1983
 Elevations: GROUND: 6518'
 KB: 6534'
 Depths (KB): PBTD: 8118'
 TD: 8130'

Date Prepared: 12/14/2022 Moss
 Reviewed By: 12/26/2022 Gomez
 Last Updated:
 Spud Date: 10/1/2001
 Completion Date: 11/22/2001
 Last Workover Date: 6/21/2011

VERTICAL WELLBORE



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

COMMENTS

Action 189797

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 189797
	Action Type: [C-103] NOI Workover (C-103G)

COMMENTS

Created By	Comment	Comment Date
dmcclosure	DHC approved under Action ID: 183138	2/23/2023

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 189797

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 189797
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Submit a SR once work is completed as a C-103R.	2/23/2023