

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

11/7/23 - MIRU. ND WH. NU BOP. TEST BOP. TOH WITH 81 STANDS TBNG. TRIP 4 3/4" MILL DOWN TO CBP @ 5200'. UNLOAD FLUID IN WELL WITH AIR PACKAGE. PICK UP POWER SWIVEL, DO BP @ 5200', DROP DOWN, DO SEMI COMPOSITE BP @ 5230', DROP DOWN, DO SEMI CIBP @ 5251', CIRCULATE WELLBORE BOTTOMS UP. SHUT DOWN AIR, SET BACK POWER SWIVEL, SECURE WELL, SDFN.

11/8/23- PICK UP POWER SWIVEL, BREAK CIRCULATION, DO CBP @ 5251'. PICK UP TUBING TO CHASE PLUG TO PBTD @ 8130'. TOO H 4 3/4" MILL. TIH W/ 253 JNTS OF 2-3/8" TBNG, 4.7#, J-55, SN @ 8005', LAND EOT @ 8006'. ND BOP, NU WELLHEAD, RD POWER SWIVEL. BUILD PRESSURE UP TO 600 PSI, BYPASS AIR, HOLD PRESSURE FOR 10 MINUTES FOR A GOOD PRESSURE TEST, PUMP OFF CHECK @ 850 PSI, UNLOAD WATER IN WELLBORE, SDFN

11/9/23- SWAB IN TUBING TO SN. RDMO

-ATTACHED WBD

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 Lacey Granillo TITLE Regulatory Specialist DATE 11/15/23

Type or print name Lacey Granillo E-mail address: lgranillo@logosresourcesllc.com PHONE: (505) 787-0118

For State Use Only

APPROVED BY: Monica Kuehling TITLE Deputy Oil and Gas Inspector DATE 12/26/2023

Conditions of Approval (if any):

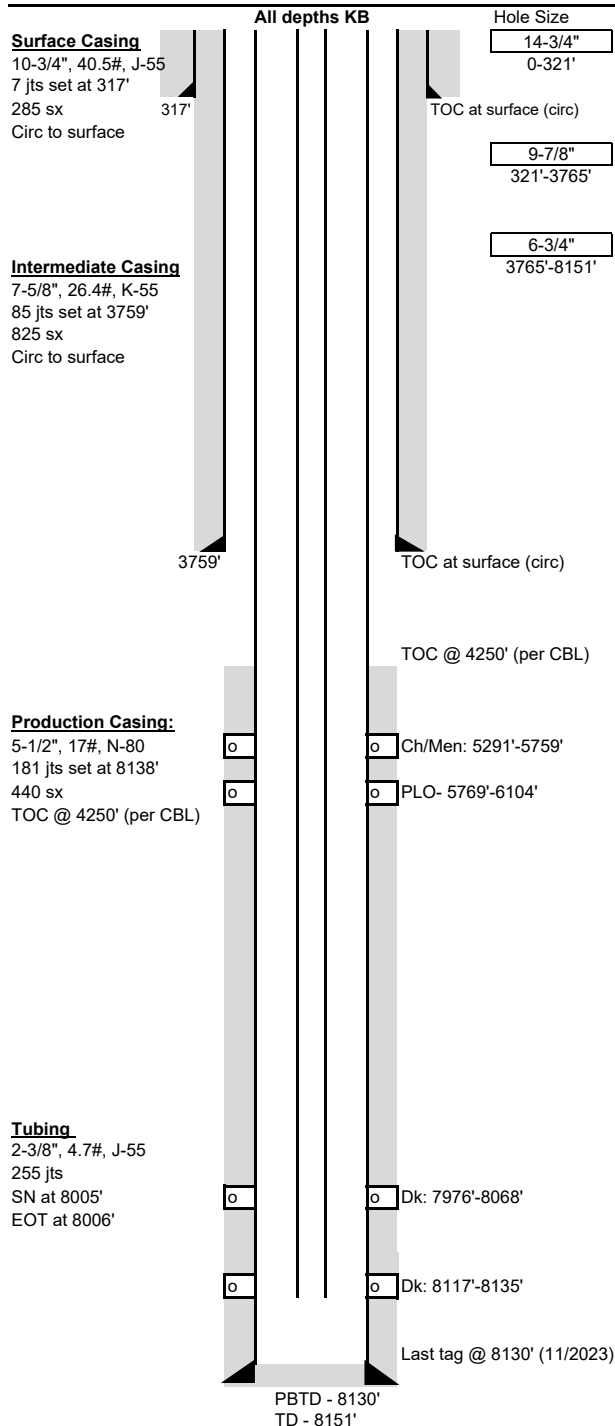


Wellbore Schematic

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: 1/16/2023 Peace
 Reviewed By: 1/18/2023 Moss
 Last Updated: 11/13/2023 Sprague
 Spud Date: 9/9/1996
 Completion Date: 10/31/1996
 Last Workover Date: 11/9/2023

Vertical Wellbore



Surface Casing: (9/9/1996)
 Drilled a 14-3/4" surface hole to 321'. Set 7 jts 10-3/4", 40.5#, J-55 csg at 317'.
 Cmt'd w/ 285 sx Class B cmt (15.6 ppg, 1.18 yield). Circ 20 bbls cmt to surface.

Intermediate Casing: (9/13/1996)
 Drilled a 9-7/8" intermediate hole to 3765'. Set 85 jts 7-5/8", 26.4#, K-55 csg at 3759'. Cmt'd w/ 610 sx Class B 65/35 poz cmt (12.1 ppg, 2.11 yd).
 Tailed w/ 215 sx Class B cmt (15.6 ppg, 1.20 yld). Circ 32 bbls to surface.

Production Casing: (9/14/1996)
 Drilled a 6-3/4" production hole to 8151'. Set 181 jts 5-1/2", 17#, N-80 csg at 8138'.
 Cmt w/ 340 sx Class B 50/50 poz cmt (13.4 ppg, 1.35 yield). Tailed w/ 100 sx Class H cmt (15.9 ppg, 1.50 yield). TOC @ 4250' (per CBL).

Tubing: (11/9/2023)	Length (ft)
KB	14
(253) 2-3/8", 4.7#, J-55 tbg jts	7906
(3) 10', 6", 4' pup jts	20
(1) 2-3/8", 4.7#, J-55 tbg jt	32
(1) 2' pup jt	2
(1) 2-3/8", 4.7#, J-55 tbg jt	30
(1) 1.78" SN at 8005'	1
(1) Inline expendable check w/ notched collar	1
Set at:	8006 ft

Artificial Lift:

Perforations: (10/16/1996)
DK: (7976'-8135') 1-2.5 SPF, 15, 0.36 holes. 7976', 80', 84', 88', 92', 8022', 26', 30', 34', 38', 42', 59', 63', 68'. Acidized w/ 250 gal of 15% HCL.
 Frac w/ 65,000# 20/40 Ottawa & 10,000# 20/40 DC resin coated sand in 659 bbls of 35# CMHPH gel. 8117', 23', 29', 35', there was no entry.
PLO: (5769'-6104') 1 SPF, 66, 0.36 holes. 5769', 71', 75', 77', 79', 81', 83', 86', 88', 90', 92', 94', 96', 98', 5808', 10', 12', 14', 16', 21', 23', 25', 29', 31', 33', 35', 37', 39', 41', 46', 48', 50', 53', 55', 57', 64', 66', 79', 81', 83', 85', 87', 89', 91', 99', 5902', 04', 06', 23', 25', 27', 29', 50', 57', 73', 83', 85', 6000', 02', 16', 46', 48', 63', 78', 85', 6104'. Acidized w/ 500 gals of 15% HCL. Frac w/ 80,000# 20/40 sand in 987 bbls of slick water.
CH/Men: (5291'-5759') 1-2 SPF, 54, 0.36" holes. 5291', 93', 5412', 61', 63', 89', 5515', 30', 34', 36', 38', 62', 69', 81', 83', 85', 88', 90', 92', 94', 96', 98', 5602', 04', 10', 26', 33', 45', 61', 64', 71', 73', 75', 81', 85', 5707', 11', 13', 15', 21', 23', 31', 33', 35', 37', 39', 41', 47', 49', 51', 53', 55', 57', 59'. Acidized w/ 1000 gals of 15% HCL. Frac w/ 133,000# 20/40 sand in 2492 bbls of slick water.

Formations:	MD
Ojo Alamo	2611'
Fruitland	3154'
Pictured Cliffs	3342'
Cliff House	5504'
Menefee	5559'

Additional Notes:

4/2023- Commingle- LD 1-1/4" and 1-1/2" tbg. Milled packer free. Tagged fill at 7990', C/O to PBTD. Landed TBG at 8008'.
7/2023- Wellbore Isolation- Tagged fill at 8126' (4'). LD 88 tbg jts. Trip in hole w/ string mill to 5280'. TIH w/ 5-1/2" Semi-CBP & pkr. Set Semi-CBP @ 5251' & pkr 30' above. Attempted to load tbg but couldn't not load. Released pkr & TOOH. TIH w/ 2nd Semi-set @ 5230' & pkr @ 5220', loaded w/ 22bbls wtr, PT failed. Set pkr @ 5200', loaded w/ 92 bbls wtr down csg, PT csg from pkr to surface to 500 psi for 20 mins, good test. RIH w/ wireline, CBP @ 5200'. TIH w/ tbg and loaded the wellbore w/ 60 bbls pkr fluid. PT from plug to surface for 20 mins, good test.
11/2023 - Return to Production - DO all three CBPs. Tagged PBTD at 8130'. Set 2-3/8" tbg at 8006'.
 Max deviation is 4-3/4" at 6118'

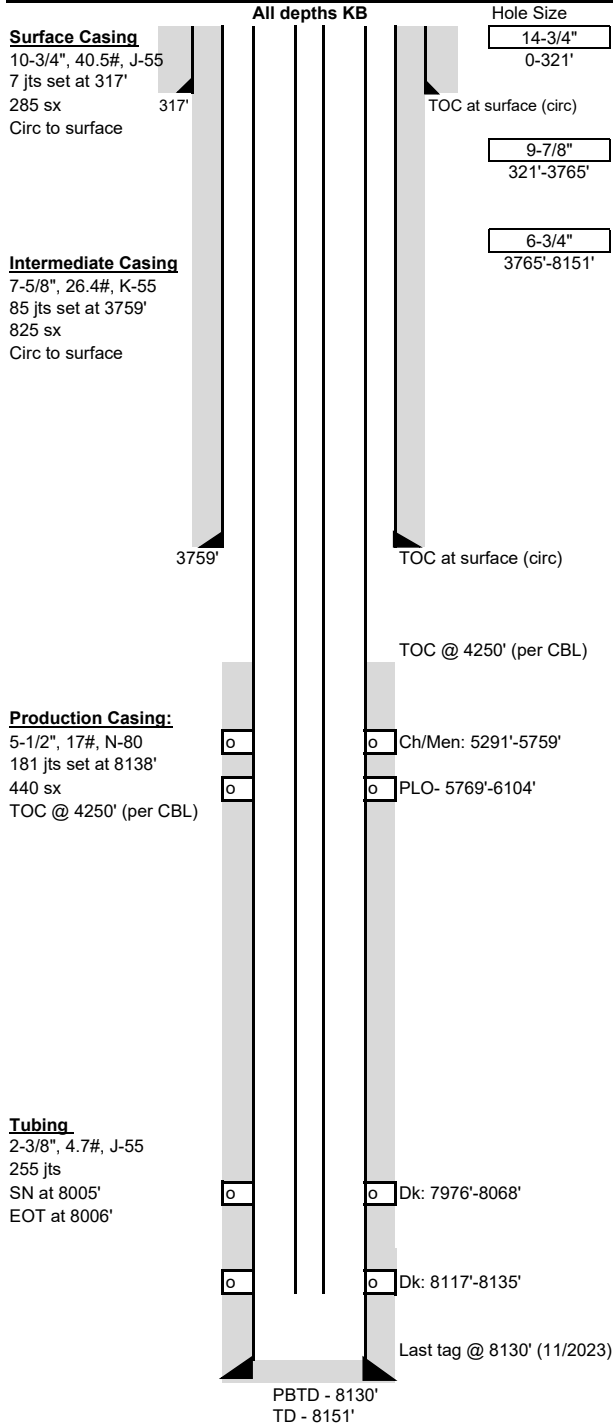


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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 285998

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 285998
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	12/28/2023