

Submit a Copy To Appropriate District  
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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input type="checkbox"/>		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"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Downhole Commingle <input checked="" 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.

4/3/2023 - ND WH. 1-1/4" tbg parted under hanger. RU WL. RIH 1-1/2" tbg to tight spot @ 1591'. Free point found 70% free @ 1464'. TIH & chemical cut 1-1/2" tbg at 1447'. RD WL. NU BOP. Lay down 45jts of 1-1/2" tbg fish. ND BOPE. SDFN.  
 4/4/2023 - Replace tbg spool. NU BOPE. TIH w/overshot to top of 1-1/4" @ 207'. Could not move up. SDFN.  
 4/5/2023 - RU WL. TIH & chemical cut 1-1/4" tbg @ 2459'. Lay down 71jts fish 1-1/4" tbg. TIH w/overshot to top of 1-1/2" @ 1453'. RIH jet cut 1-1/2" tbg 5' above pkr @ 6245'. Work tbg up, could not pull up hole. Chem cut 1-1/2" tbg @ 4384'. SIW. SDFN.  
 4/6-8/2023 - TOOH lay down 90jts 1-1/2" tbg, TIH w/overshot to top of 1-1/4" tbg @ 2467'. work free. TOOH lay down all 1-1/4" tbg. TIH overshot to top of 1-1/2 tbg 4391', work free, TOOH overshot, LD 57jts of 1-1/2" tbg from top of pkr. TIH w/overshot to top of 1-1/2" tbg @ 6245'. Mill, could not latch fish. TOOH. TIH w/overshot tag 10' of fill @ 6240'. CO fill to top of pkr @ 6250'. Latch onto seal assembly & jar seal assembly out of pkr. TOOH. SDFW.  
 4/10/2023 - TOOH w/overshot, lay down 56jts 1-1/2". TIH to pkr @ 6250', jar pkr free. PU to 6227', could not move any further. TOOH. SDFN.  
 4/11/2023 - TIH to pkr @ 6227'. Mill on pkr, pull free. TOOH laydown pkr and fishing tools. NU BOPE. Drift prod tbg. SDFN.  
 4/12/2023 - TIH, tag 140' fill @ 7990'. CO to PBTD @ 8130'. Circ clean. Land 2-3/8" tbg, 255jts, J-55 4.7# @ 8008', SN @ 8006'. ND BOPE NU WH. PT tbg to 800psi. Swab well. RD RR.

Well is producing as a downhole commingled Blanco Mesaverde / Basin Dakota - DHC5279 per order R-11363.

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 4/18/2023

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

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

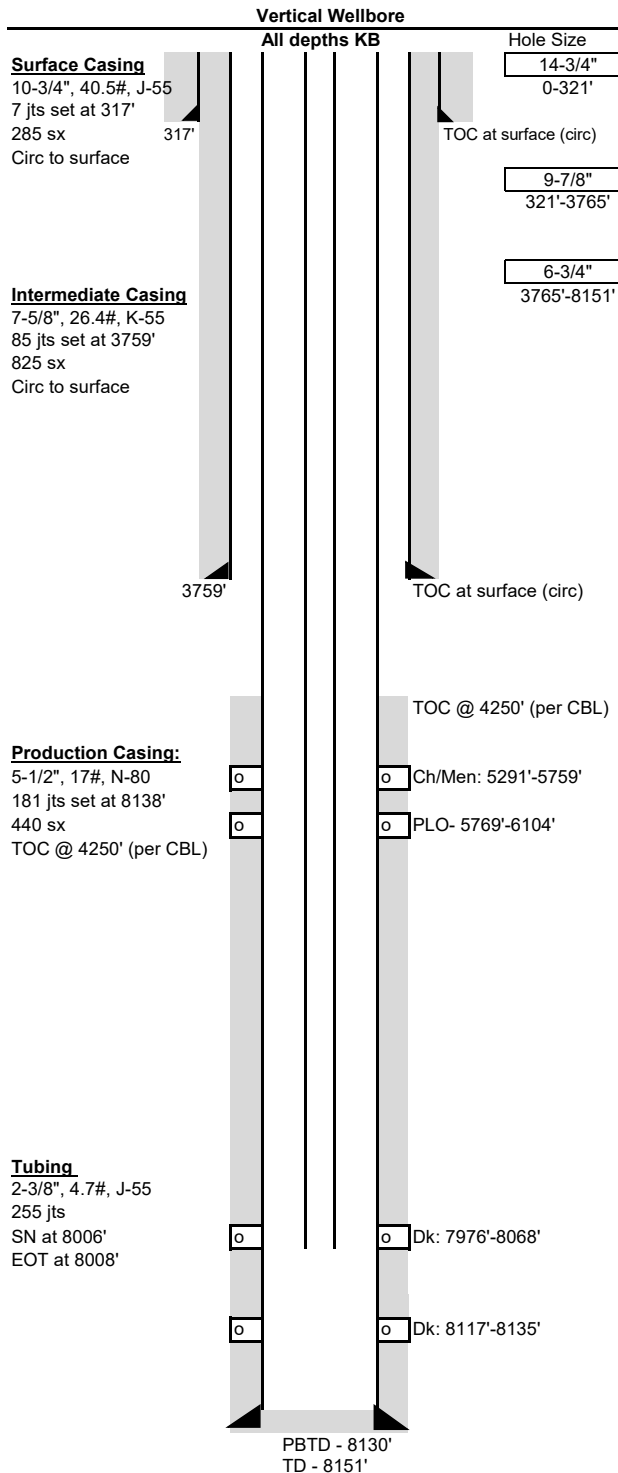
Conditions of Approval (if any):



## 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): PBD: 8130'  
 TD: 8151'

Date Prepared: 1/16/2023 Peace  
 Reviewed By: 1/18/2023 Moss  
 Last Updated: 4/13/2023 Peace  
 Spud Date: 9/9/1996  
 Completion Date: 10/31/1996  
 Last Workover Date: 4/3/2023



**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 yld). 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'd w/ 340 sx Class B 50/50 poz cmt (13.4 ppg, 1.35 yld). Tailed w/ 100 sx  
 Class H cmt (15.9 ppg, 1.50 yld). TOC @ 4250' (per CBL).

Tubing:	Length (ft)
KB	14
(254) 2-3/8" 4.7#, J-55 tbg jts	7958
(1) 2-3/8" x 2' pup jnt (marker jt)	2
(1) 2-3/8" 4.7#, J-55 tbg jnt	33
(1) SN (1.78" ID)	1
(1) 2-3/8" Notched collar	0.4
Set at:	8008 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'	Point Lookout	5775'
Fruitland	3154'	Mancos	5992'
Pictured Cliffs	3342'	Gallup	7796'
Cliff House	5504'	Dakota	7974'
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 PBD. Landed TBG at 8008'.

Max deviation is 4-3/4° at 6118'

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**District IV**  
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Phone:(505) 476-3470 Fax:(505) 476-3462

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**Santa Fe, NM 87505**

COMMENTS

Action 208801

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 208801
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
dmcclure	Associated with Application ID: 189778	10/3/2023

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Created By	Condition	Condition Date
dmcclure	None	10/3/2023