

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

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 <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: Drill out bridge plug <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.

Well was isolated with CBP @ 5200' on 7/14/2023 due to PAD 31 completions.

LOGOS Operating, LLC request to drill out bridge plug and return well to production as a Mesaverde/Dakota commingle. See attached operations procedure.

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 10/17/2023

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

For State Use Only

APPROVED BY: Dean R. McIlure TITLE Petroleum Engineer DATE 11/07/2023

Conditions of Approval (if any):

LOGOS Operating, LLC
Rosa Unit 024A
Page 2 of 3

RETURN TO PRODUCTION:

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.
3. ND WH. NU BOP.
4. TOOH standing back tubing.

Current tubing configuration:

NO.	DESCRIPTION
1	1.78" SN
1	2-3/8" 4.7# J-55 tubing joint
1	2-3/8" 4.7# J-55 marker joint (2')
~163	2-3/8" 4.7# J-55 tubing joints

5. Pick up mill and TIH with tubing as follows to ~2000' and utilize an air package to unload the well. Establish circulation w/ +/-500-1500 scfm and wait for pressure to normalize. After circulation has been achieved, begin pumping 1-2 bpm mist rate and unload hole.
6. PU power swivel, TIH to CBP (~5251'), and drill out the CBP. Establish and maintain good circulation and monitor returns while and after drilling out CBP. Continue cleaning out and pushing plug to bottom, short tripping if required, and adding foamer as necessary to carry returns. TOOH, standing back tubing, and LD power swivel and 4-3/4" float valve/bit/mill.
7. Drift in hole with tubing as follows. Land EOT at ~8008' or within 20' higher.

NO.	DESCRIPTION
1	2-3/8" MS w/ expendable check
1	1.78" SN
1	2-3/8" 4.7# J-55 tubing joint
1	2-3/8" 4.7# J-55 marker joint (2')
~254	2-3/8" 4.7# J-55 tubing joints

8. ND BOP, NU WH.
9. Unload well with air package
10. Pump 2-3 bbls of water and drop ball, pressure test to 500psi and pump off expendable check. Record pressure.
11. After check is pumped off, reverse well and unload with air package up the tubing string.
12. Notify manager that well is ready to be returned to plunger lift operations.

WELL MUST BE PURGED OF OXYGEN PRIOR TO SENDING TO PRODUCTION EQUIPMENT OR TO SALES.

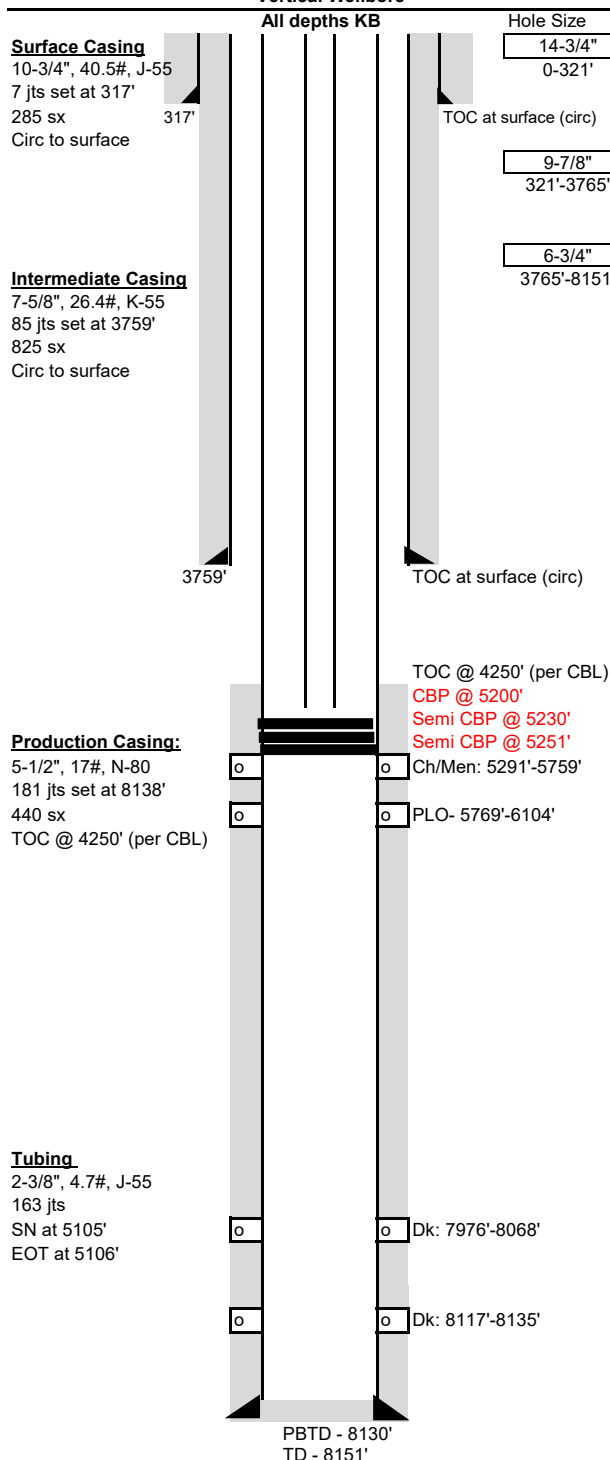


Wellbore Schematic

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): PBDT: 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: 7/12/2023

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 yd). 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 yd). 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 yd). Tailed w/ 100 sx Class H cmt (15.9 ppg, 1.50 yd). TOC @ 4250' (per CBL).

Tubing: (4/12/2023)	Length (ft)
KB	14
(162) 2-3/8" 4.7#, J-55 tbg jts	5057
(1) 2-3/8" x 2' pup jnt (marker jt)	2
(1) 2-3/8" 4.7#, J-55 tbg jnt	32
(1) SN (1.78" ID)	1
Set at:	5106 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 PBDT. 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 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.

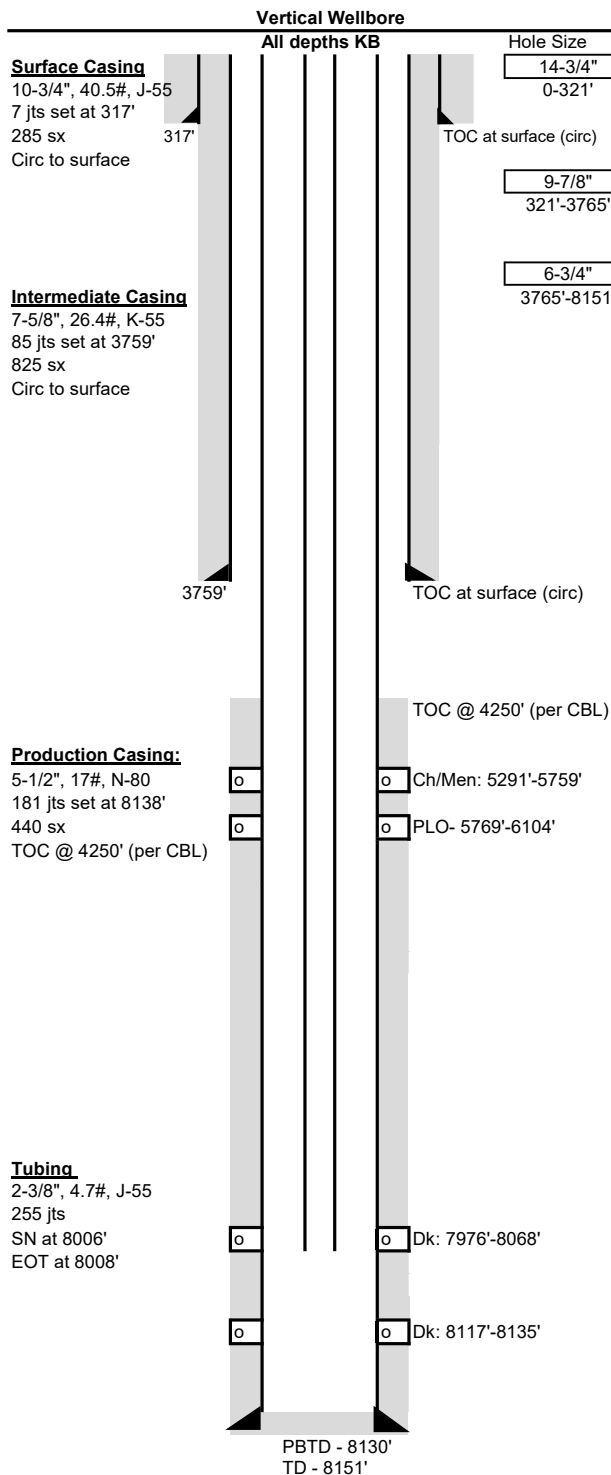
Max deviation is 4-3/4° at 6118'



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: (4/12/2023)	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'

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 276527

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 276527
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	11/7/2023