

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 9 / NENW / 36.918482 / -107.470222	County or Parish/State: SAN JUAN / NM
Well Number: 552H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078765	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3004535377	Operator: LOGOS OPERATING LLC	

Notice of Intent

Sundry ID: 2841709

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 03/14/2025	Time Sundry Submitted: 06:52
Date proposed operation will begin: 04/01/2025	

Procedure Description: LOGOS is requesting permission to Plug and Abandon the surface set for subject well and change well name to Rosa Unit 552Y with API number 30-045-35377. Rig will skid over 30' to a new surface location with well name Rosa Unit 552H. This location is shared with the following wells Rosa Unit 550H (30-045-38439,) Rosa Unit 554H (30-045-38441) and Rosa Unit 556H (30-045-38440), a reclamation will not take place at this time. Attachments: Plug and abandon procedure and wellbore schematic for the Rosa Unit 552Y. New Operations Plan, Revised C-102 and Directional survey for the Rosa Unit 552H

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Logos__Rosa_Unit_552H_Plan_Data_Prelim_3_20250314084135.pdf
- Rosa_Unit_552H_Revised_Plat_03.03.2025_signed_20250314083849.pdf
- Rosa_Unit_552H_Operations_Plan_4_string_Prelim3_03_07_2025_20250314083821.pdf
- Rosa_Unit_552H__PA_WBS_and_Procedure_20250314065140.pdf

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US Well Number: 3004535377	Operator: LOGOS OPERATING LLC	

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: ETTA TRUJILLO
Signed on: MAR 14, 2025 08:42 AM
Name: LOGOS OPERATING LLC
Title: Regulatory Specialist
Street Address: 2010 AFTON PLACE
City: Farmington State: NM
Phone: (505) 324-4154
Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:
Street Address:
City: State: Zip:
Phone:
Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK
BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742
BLM POC Email Address: krennick@blm.gov
Disposition: Approved
Disposition Date: 03/14/2025
Signature: Kenneth Rennick

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-045-38442	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 552H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6434'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location (SHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
C	9	31N	6W		955' NORTH	1910' WEST	36.918696° N	107.470673° W	SAN JUAN

Bottom Hole Location (BHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
E	8	31N	6W		1706' NORTH	173' WEST	36.916583° N	107.494702° W	SAN JUAN

Dedicated Acres SEC 9: SE/NW & SW/NW (80 AC.); SEC 8: S/2 N/2 (160 AC.) = 240 ACRES	PENETRATED SPACING UNIT; Infill or Defining Well Infill	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code Unitization
Order Numbers: R-13457	Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
F	9	31N	6W		1665' NORTH	2330' WEST	36.916747° N	107.469237° W	SAN JUAN

Fist Take Point (FTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
F	9	31N	6W		1748' NORTH	1692' WEST	36.916518° N	107.471419° W	SAN JUAN

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
E	8	31N	6W		1707' NORTH	334' WEST	36.916582° N	107.494151° W	SAN JUAN

Unitized Area or Area of Uniform Interest ROSA	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

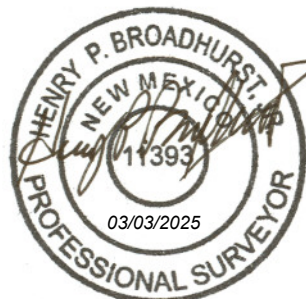
Etta Trujillo 3/13/2025
Signature Date

Etta Trujillo
Printed Name

etrujillo@logosresourcesllc.com
E-mail Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

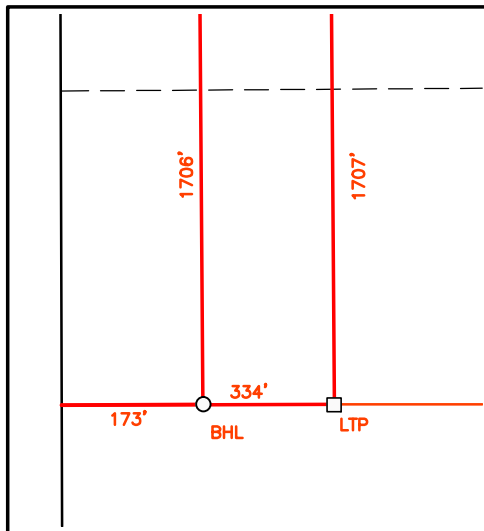
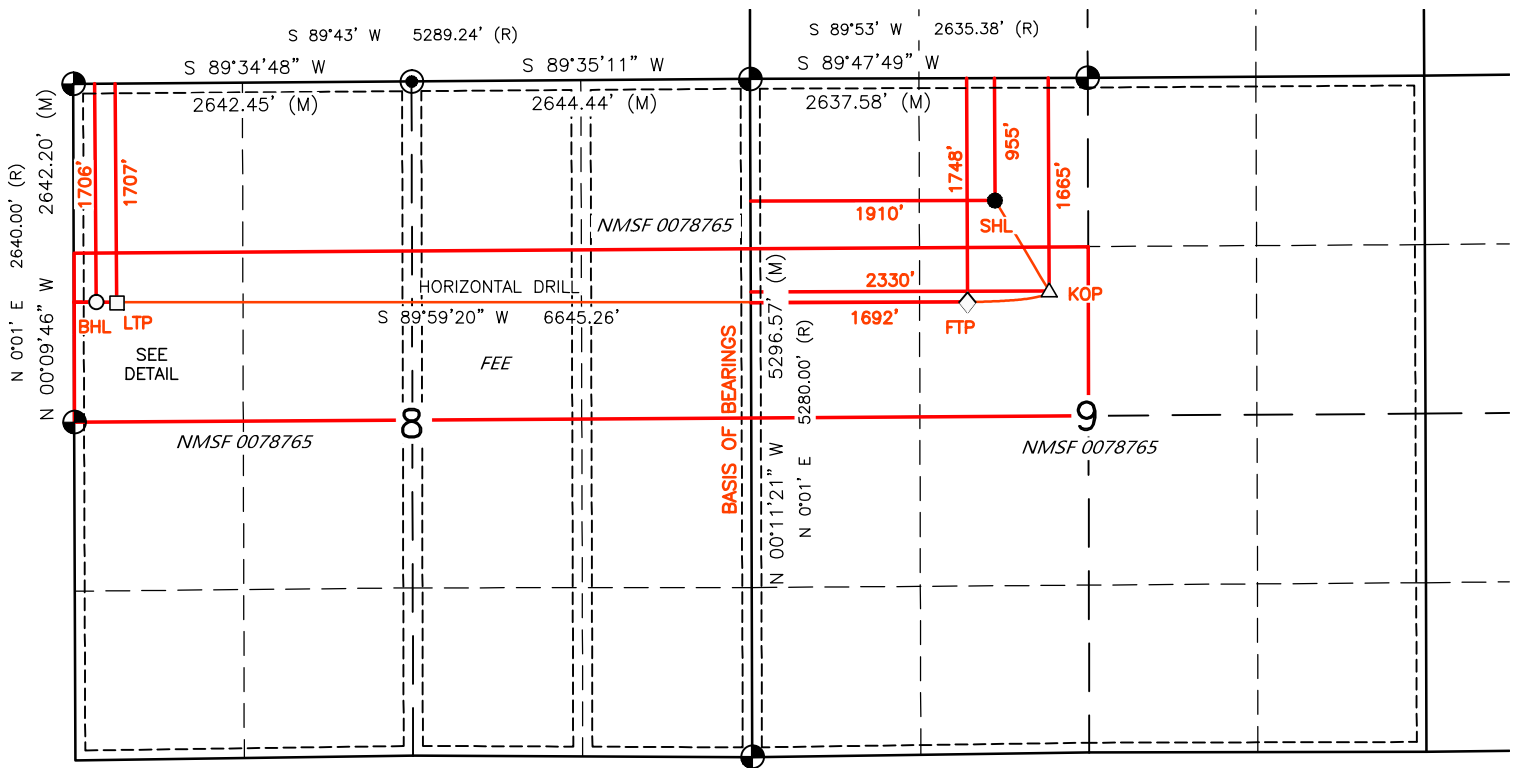


Signature and Seal of Professional Surveyor:

Certificate Number 11393	Date of Survey FEBRUARY 26, 2025
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

- FND 2.5" BC
GLO 1914
- FND NAIL AND
SCRIBED STONE



DETAIL

- SURFACE LOCATION (SHL)** ●
955' FNL 1910' FWL
SEC. 9, T31N, R6W
LAT. 36.918696° N (NAD83)
LONG. 107.470673° W (NAD83)
- KICK OFF POINT (KOP)** △
1665' FNL 2330' FWL
SEC. 9, T31N, R6W
LAT. 36.916747° N (NAD83)
LONG. 107.469237° W (NAD83)
- FIRST TAKE POINT (FTP)** ◇
1748' FNL 1692' FWL
SEC. 9, T31N, R6W
LAT. 36.916518° N (NAD83)
LONG. 107.471419° W (NAD83)
- LAST TAKE POINT (LTP)** □
1707' FNL 334' FWL
SEC. 8, T31N, R6W
LAT. 36.916582° N (NAD83)
LONG. 107.494151° W (NAD83)
- BOTTOM HOLE LOCATION (BHL)** ○
1706' FNL 173' FWL
SEC. 8, T31N, R6W
LAT. 36.916583° N (NAD83)
LONG. 107.494702° W (NAD83)

ROSA UNIT #552H

SURFACE HOLE LOCATION NMSF 0078765
955' FNL, 1910' FWL
LOCATED IN THE NE/NW OF SECTION 9,
T31N, R6W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
LATITUDE: 36.918696°N LONGITUDE: 107.470673°W (NAD83)

PPP-1 (FIRST TAKE POINT) NMSF 0078765
1748' FNL, 1692' FWL
LOCATED IN THE SE/NW OF SECTION 9,
T31N, R6W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
LATITUDE: 36.916518°N LONGITUDE: 107.471419°W (NAD83)

PPP-2 NMSF 0078765
1742' FNL, 1' FEL
LOCATED IN THE SE/NE OF SECTION 8,
T31N, R6W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
LATITUDE: 36.916535°N LONGITUDE: 107.477207°W (NAD83)

PPP-3 FEE
1733' FNL, 1323' FEL
LOCATED IN THE SW/NE OF SECTION 8,
T31N, R6W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
LATITUDE: 36.916547°N LONGITUDE: 107.481733°W (NAD83)

PPP-4 NMSF 0078765
1724' FNL, 2642' FWL
LOCATED IN THE SE/NW OF SECTION 8,
T31N, R6W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
LATITUDE: 36.916560°N LONGITUDE: 107.486258°W (NAD83)

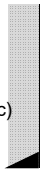
PPP-5 (LAST TAKE POINT) NMSF 0078765
1707' FNL, 334' FWL
LOCATED IN THE SW/NW OF SECTION 8,
T31N, R6W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
LATITUDE: 36.916582°N LONGITUDE: 107.494151°W (NAD83)




Well Name: Rosa Unit 552H
 Location: UL C Sec 09, T31N, R06W 1031' FNL & 1862' FWL
 County: San Juan, NM
 API #: 30-045-35377
 Co-ordinates: Lat 36.9185829°N Long 107.4708176°W (NAD 83)
 Elevations: GROUND: 6429'
 KB: NA
 Depths (KB): PBTD: NA
 TD: 345'

Prepared By: 3/3/2025 Moss
 Reviewed By:
 Last Updated:
 Spud Date: 5/17/2019
 Completion Date: NA
 Last Workover Date: NA

Current Wellbore Schematic

All Depths KB		Hole Size	Surface Casing: (5/22/2019)
<u>Surface Casing</u> 13-3/8" 54.5# J-55 8 jts set at 328' 320 sx TOC at surface (circ)		17-1/2" 0'-340'	Drilled a 12-1/4" pilot hole to 345'. Reamed pilot hole to 17-1/2" to 340'. Set 8 jts 13-3/8", 54.5#, J-55 casing at 328'. FC at 289'. Cmt w/ 320 sx of Type G cmt (1.18 yld, 15.8 ppg). Circ 19 bbls to surface.
		12-1/4" 340'-345'	
			<u>Additional Notes:</u> (05/22/2019) Surface set only

Proposed Wellbore Schematic

All Depths KB		Hole Size	Surface Casing: (5/22/2019)
<u>Surface Casing</u> 13-3/8" 54.5# J-55 8 jts set at 328' 320 sx TOC at surface (circ)		17-1/2" 0'-340'	Drilled a 12-1/4" pilot hole to 345'. Reamed pilot hole to 17-1/2" to 340'. Set 8 jts 13-3/8", 54.5#, J-55 casing at 328'. FC at 289'. Cmt w/ 320 sx of Type G cmt (1.18 yld, 15.8 ppg). Circ 19 bbls to surface.
		12-1/4" 340'-345'	
			<u>Plug #1:</u> 286 sx Class G cmt at 15.8 ppg & 1.15 ft3/sx (or equivalent), 5 gal water/sx cmt.

Objective:

- Permanently "Plug & Abandon" 13-3/8" 54.8# J-55 surface casing. Casing set depth is at 328', TD at 345'.

Prior to Job:

- Notify BLM & NMOCD 24 hours prior to rig on.

Procedure:

- Mobilize cement equipment to location.
- NU on well head with a diverter.
- Hold Pre-Job safety meeting with all involved parties.
- Tally / TIH with pipe.
- Rig up cementing equipment. Fill pipe with fluid and confirm circulation.
- Pump 286 sx Class G cmt at 15.8 ppg & 1.15 cuft/sx (or equivalent), with ~34 bbls of mix water. No displacement.
- TOOH & LD pipe. Top off with cement as needed.
- Cut off 13-3/8" casing 3' below GL and install P&A marker.

Rosa Unit 552H - P&A Planning

Formations	Tops (ft)
Surface Shoe	328

13-3/8" csg capacity 0.868 cf/ft

Yield (ft³/sk) 1.15

Plugs	Reason	Inside/Outside	Top	Bottom	Total Length of Plug (ft)	Inside Csg Volume (cf/ft)	Outside Csg Volume (cf/ft)	# of sx inside (1.15 yield & 50' excess)	# of sx outside (1.15 yield & 100% excess)	Total # sx
1	Surface	Inside	0	328	328	0.868	-	286		286

Total Cmt 286

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 442518

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 442518
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	3/24/2025
ward.rikala	As drilled survey must be submitted to OCD including directional surveys	3/24/2025
ward.rikala	Operations will be continuous until all fresh water zones have been properly cased and cemented back to surface.	3/24/2025
ward.rikala	Cement must be circulated back to surface on the 1st two strings of casing.	3/24/2025
ward.rikala	If cement is not circulated back to surface on any casing string, then a CBL is required for that string.	3/24/2025
ward.rikala	OBM shall not be used until all of the fresh water zones have been properly cased and cemented back to surface.	3/24/2025
ward.rikala	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	3/24/2025