

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 19 / NENW / 36.889655 / -107.405433	County or Parish/State: RIO ARRIBA / NM
Well Number: 643H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078767	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 300393131700S1	Well Status: Producing Gas Well	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2729206

Type of Submission: Notice of Intent

Type of Action: Recompletion

Date Sundry Submitted: 05/04/2023

Time Sundry Submitted: 11:32

Date proposed operation will begin: 05/15/2023

Procedure Description: Please see attached procedure and wellbore Schematic.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Rosa_Unit_643H_Restimulation_Regulatory_Procedure_20230504113154.pdf

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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: VANESSA FIELDS

Signed on: MAY 04, 2023 11:33 AM

Name: LOGOS OPERATING LLC

Title: REGULATORY MANAGER

Street Address: 2010 AFTON PLACE

City: FARMINGTON State: NM

Phone: (505) 324-4145

Email address: VFIELDS@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: 05/04/2023

Signature: Kenneth Rennick



Re-Completion Procedure

DATE: May 4, 2023

SUBJECT WELL: Rosa Unit 643H
Basin Mancos
Rio Arriba
API # 30-039-31317

RE-STIMULATION:

1. MIRU workover rig.
2. TOOH with 2-3/8" tubing.
3. Rig up air package and TIH w/ bit circulating to cleanout to PBTD at 12,362'.
4. TIH w/ 4-1/2" RBP and pressure test to 7,500 psi (70% of burst).
5. Release and TOOH w/ 4-1/2" RBP and lay down same.
6. PU and RIH with tubing conveyed perforating guns.
7. Perforate within existing perforation interval (7,550'-12,355') with ~560 additional perforations
8. RU frac crew and iron and pressure test.
9. Using ball sealer isolation, frac well within existing completion interval with up to 10,900 klbs 40/70 and 100 mesh sand and 250 kbbl slickwater.
10. RDMO frac. MIRU workover rig to clean well out and reinstall tubing.

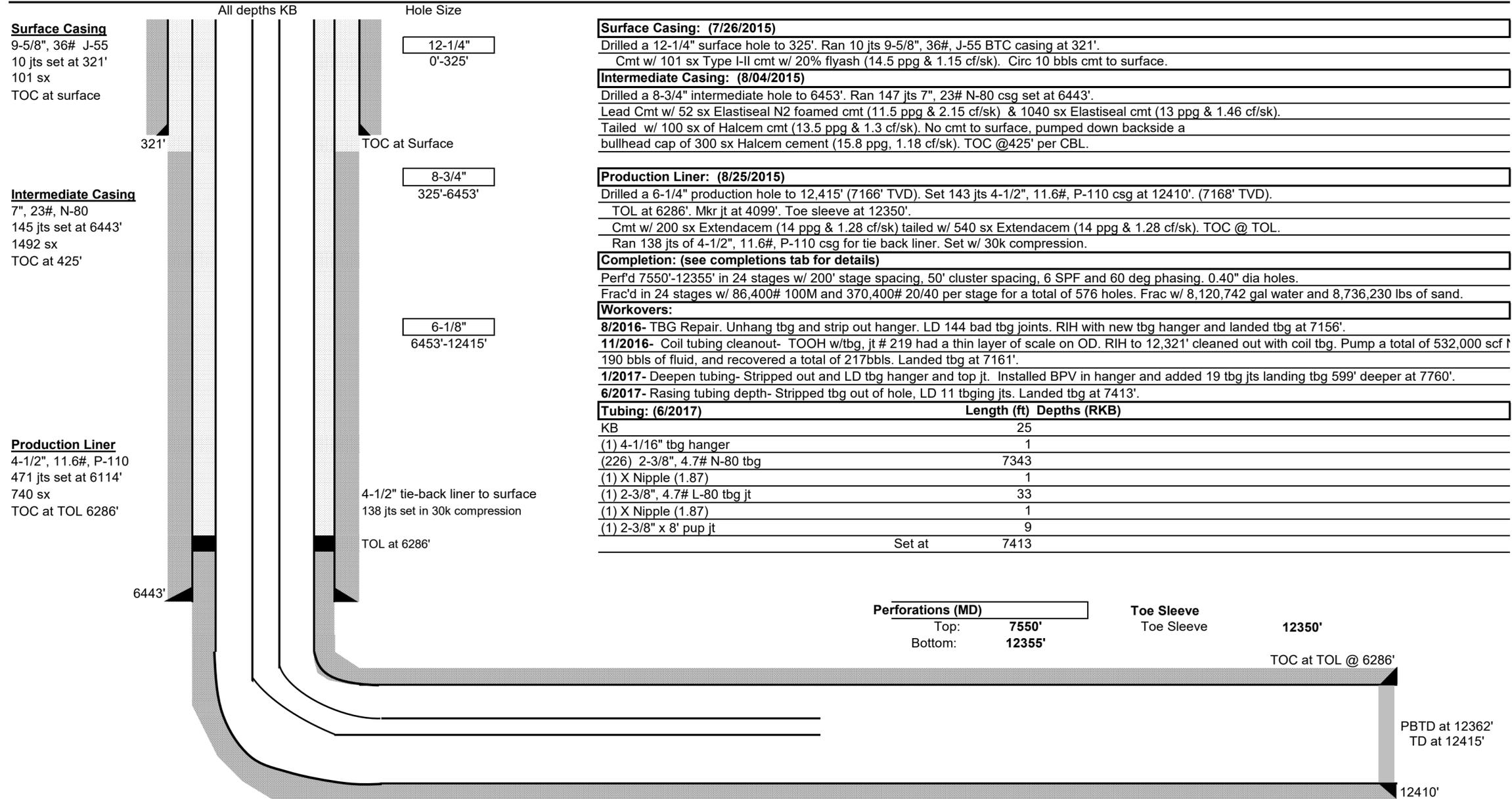


Well Name: Rosa Unit 643H
 Location: C - 19 - 31N - 05W, 972' FNL & 510' FWL
 County: Rio Arriba
 API #: 30-039-31317
 Co-ordinates: 36.889661,-107.406036 NAD83
 Operator: LOGOS Operating, LLC

Wellbore Schematic

Ground Elevation: 6305'
 KB Elevation: 6280'
 TD (TVD): 7166'
 TD (MD): 12415'
 PBTD: 12362'

Prepared By: 4/5/2023 Peace
 Reviewed By: 4/5/2023 CR
 Last Updated:
 Spud Date: 7/26/2015
 Completion Date: 12/12/2015
 Last Workover Date: 6/6/2017



Formation Tops: (MD)			
Nacimiento	Surface	Cliff House	5449'
Ojo Alamo	2461'	Menefee	5494'
Kirtland	2575'	Point Lookout	5723'
Pictured Cliffs	3397'	Mancos	6205'
Lewis	3588'		
Chacra	4641'		

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 213941

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 213941
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	6/15/2023