

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: 2742682

Type of Submission: Notice of Intent	Type of Action: Recompletion
Date Sundry Submitted: 07/25/2023	Time Sundry Submitted: 10:38
Date proposed operation will begin: 07/25/2023	

Procedure Description: Please find attached the Re-Completion procedure for the Rosa Unit #643H

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Rosa\_Unit\_643H\_Recomplete\_with\_Liner\_07252023\_20230725103701.pdf

Received by OCD: 7/25/2023 4:21:14 PM

Page 2 of 6

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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: JUL 25, 2023 10:37 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: 07/25/2023
Signature: Kenneth Rennick	



## Re-Completion Procedure

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**DATE:** July 21, 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 the 4-1/2" casing and shoe track to 12,410' (Casing TD).
4. Rig up casing crew to pull +-6286' 4-1/2" tie back string landed at 6286'.
5. Run 3-1/2" liner inside existing 4-1/2" liner. Land 3-1/2" liner at ~12,410' with liner hanger in 7" Casing at ~ 6200'.
6. Cement 3-1/2" x 4-1/2" annulus using ~225 sx (60 bbl, 13.5 ppg, 1.516 yield ) Halliburton SBM CEM ECONOCER<sup>TM</sup> SYS cement blend. Reverse out excess cement.
7. PU and RIH with 6-1/8" mill and workstring to tag the top of liner, ensuring the 7" is clean, prior to running 4-1/2" tieback string.
8. Run 4-1/2" tieback string. Sting into 3-1/2" PBR and set tieback.
9. Rig up frac crew and wireline crew to reperforate and stimulate within existing perforation interval (7,550'-12,355') using perf and plug operations and ~10,920 klbs 40/70 and 100 mesh sand with ~278 kbbls water.
10. RDMO frac. MIRU 2" coil tubing rig to mill out plugs and cleanout to TD. RD coil.
11. MIRU workover rig to install tubing.

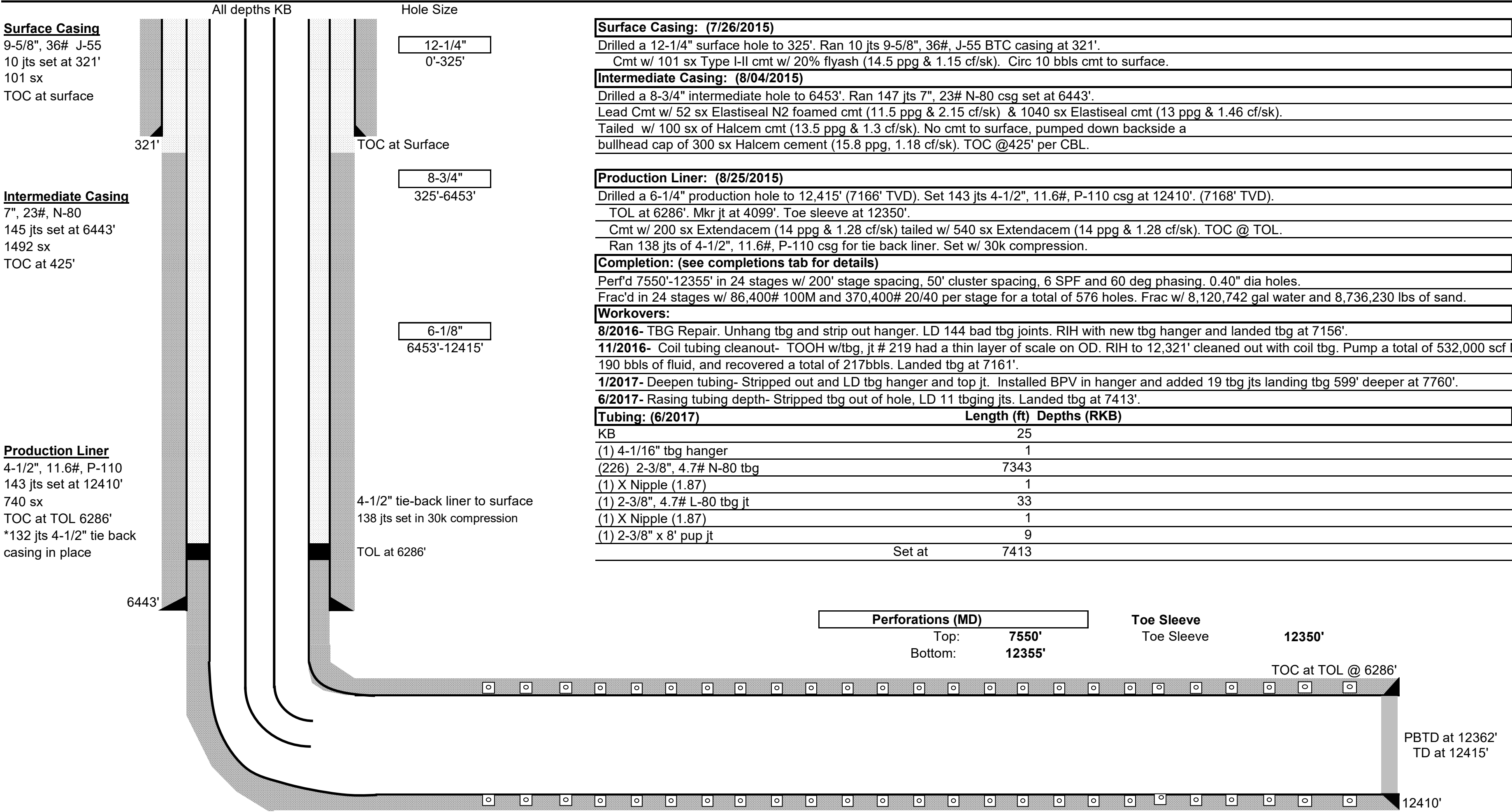


Wellbore Schematic

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

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'		



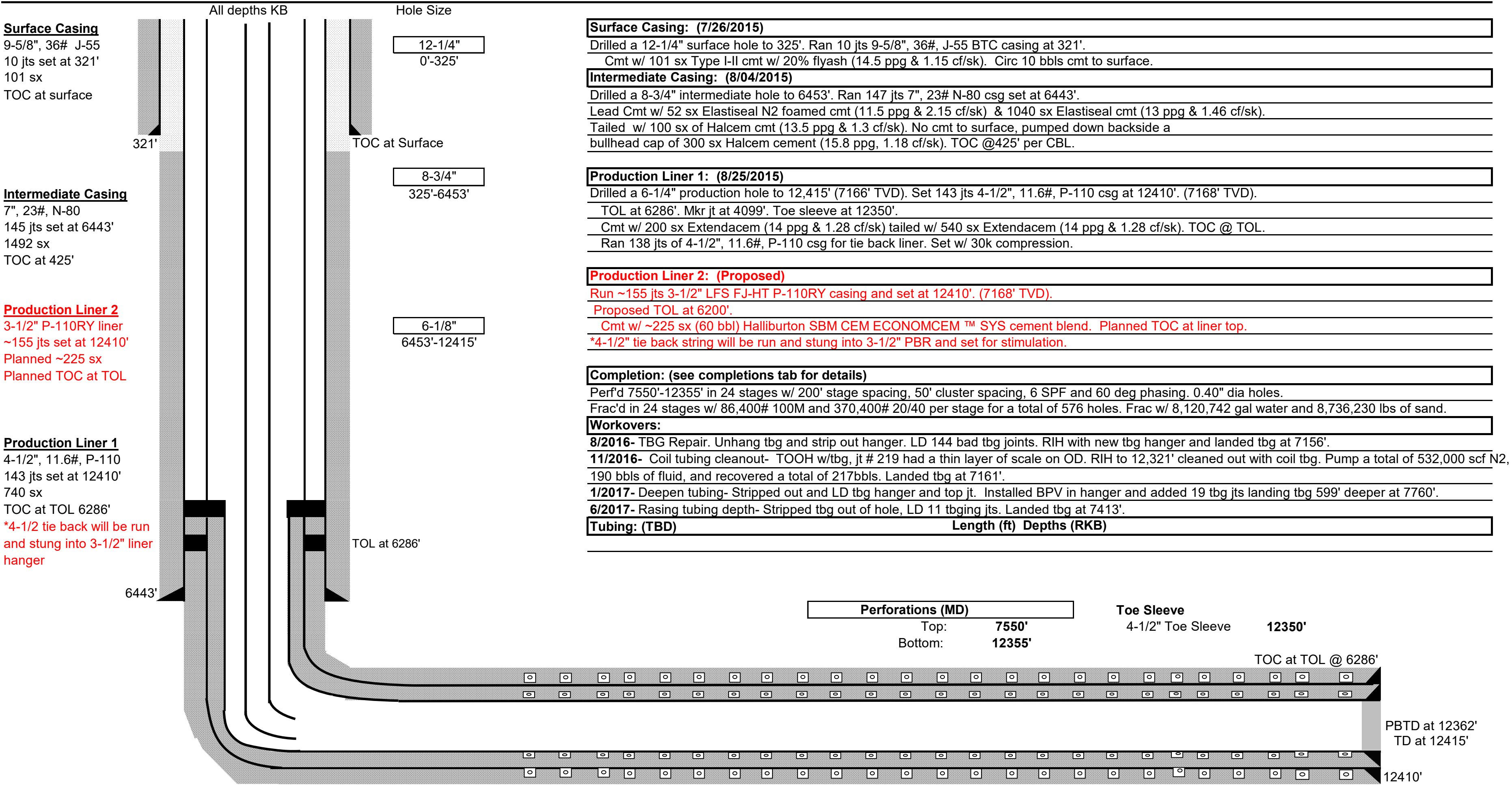


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Proposed Wellbore Schematic

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TD (MD): 12415'  
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**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 244177

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 244177
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Please submit subsequent report of work performed.	8/1/2023