

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **N0G13121826**
6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No. NMNM130812A
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. SOUTH ESCAVADA UNIT/347H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004321349
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740	3b. Phone No. (include area code) (505) 497-8574	10. Field and Pool or Exploratory Area Rusty Gallup
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 27/T22N/R7W/NMP		11. Country or Parish, State SANDOVAL/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Enduring Resources performed a workover for a tubing reconfiguration and wellbore cleanout. An updated well schematic is attached.

EOT: 5,406 MD
Packer Top: NA
GLVs: NA
Orifice Valve: None
Job Start: 7/10/2024
Job End: 7/12/2024

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) HEATHER HUNTINGTON / Ph: (505) 636-9751	Title Permitting Technician
Signature (Electronic Submission)	Date 08/08/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted	Title Petroleum Engineer	Date 08/12/2024
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office FARMINGTON	

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.

(Instructions on page 2)

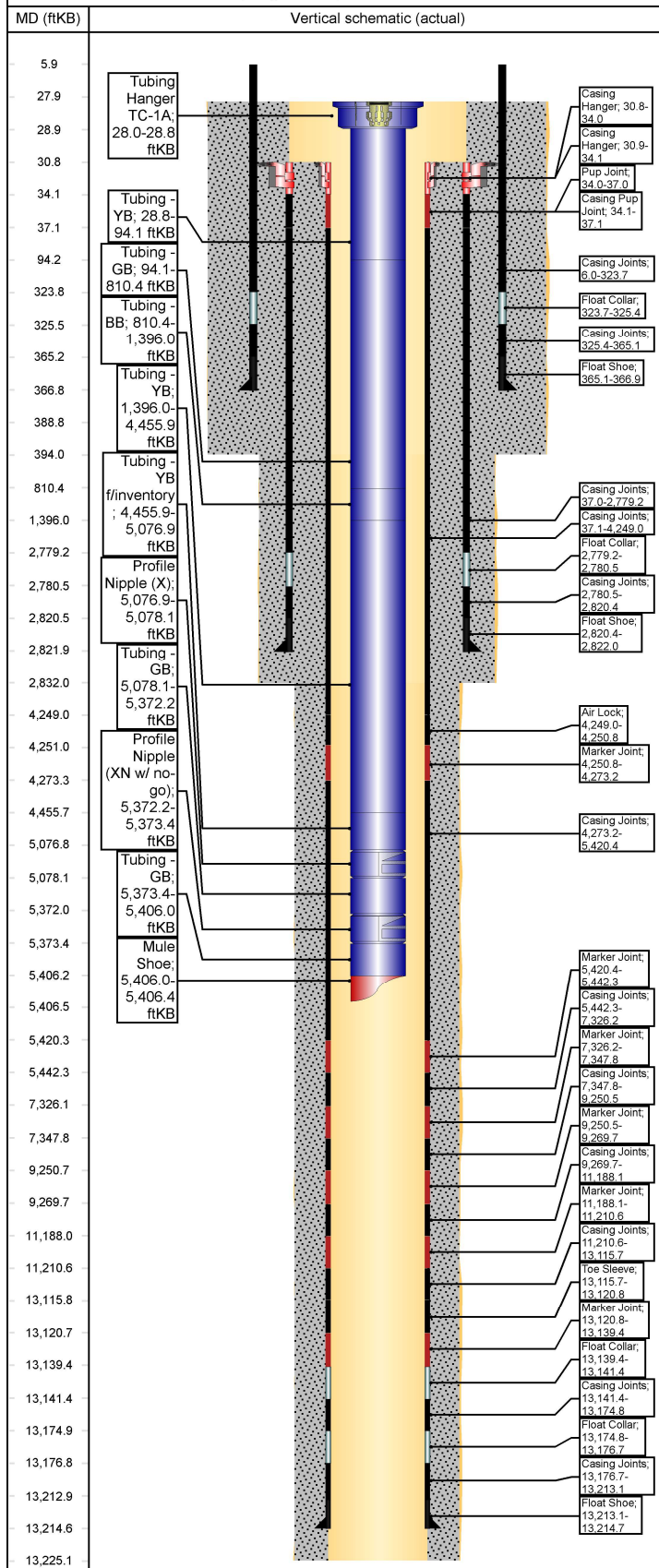


Wellbore Schematic - Components and Cement

Well Name: S ESCAVADA UNIT 347H

API/UWI 30-043-21349		County SANDOVAL	State/Province NEW MEXICO	Surface Legal Location (Unit I) NE/4, SE/4, Section 27, T22N, R07W		
Spud Date 10/26/2021	On Production Date	Abandon Date	Ground Elevation (ft) 6,749.00	Original KB Elevation (ft) 6,777.00	Total Depth (All) (ftKB) Original Hole - 13,225.0	PBTD (All) (ftKB)

Horizontal, Original Hole, 7/29/2024 11:55:44 AM



Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
Hallurton Obsidian Kill Plug		5,160.0	5,162.0	1/28/2022 21:37

Rod Strings

<des> on <dtmrun>

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Tubing Strings

Tubing - Production set at 5,406.4ftKB on 7/12/2024 09:45

Tubing Description		Len (ft)	Set Depth (ft)	Run Date	Cut/Pull Date	Depth C...	
Tubing - Production		5,378.43	5,406.4	7/12/2024			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger TC-1A	4 3/4	0.80	28.0	28.8		
2	Tubing - YB	2 7/8	65.30	28.8	94.1	L-80	6.50
22	Tubing - GB	2 7/8	716.27	94.1	810.4	L-80	6.50
18	Tubing - BB	2 7/8	585.60	810.4	1,396.0	L-80	6.50
94	Tubing - YB	2 7/8	3,059.89	1,396.0	4,455.9	L-80	6.50
20	Tubing - YB f/inventory	2 7/8	621.04	4,455.9	5,076.9	L-80	6.50
1	Profile Nipple (X)	2 7/8	1.20	5,076.9	5,078.1	J-55	6.50
9	Tubing - GB	2 7/8	294.05	5,078.1	5,372.2	L-80	6.50
1	Profile Nipple (XN w/ no-go)	2 7/8	1.20	5,372.2	5,373.4	J-55	6.50
1	Tubing - GB	2 7/8	32.68	5,373.4	5,406.0	L-80	6.50
	Mule Shoe	2 7/8	0.40	5,406.0	5,406.4	J-55	6.50

Casing Strings

Production, 13,214.7ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production	5 1/2	17.00	P-110	30.9	13,214.7		4.89

Casing Components

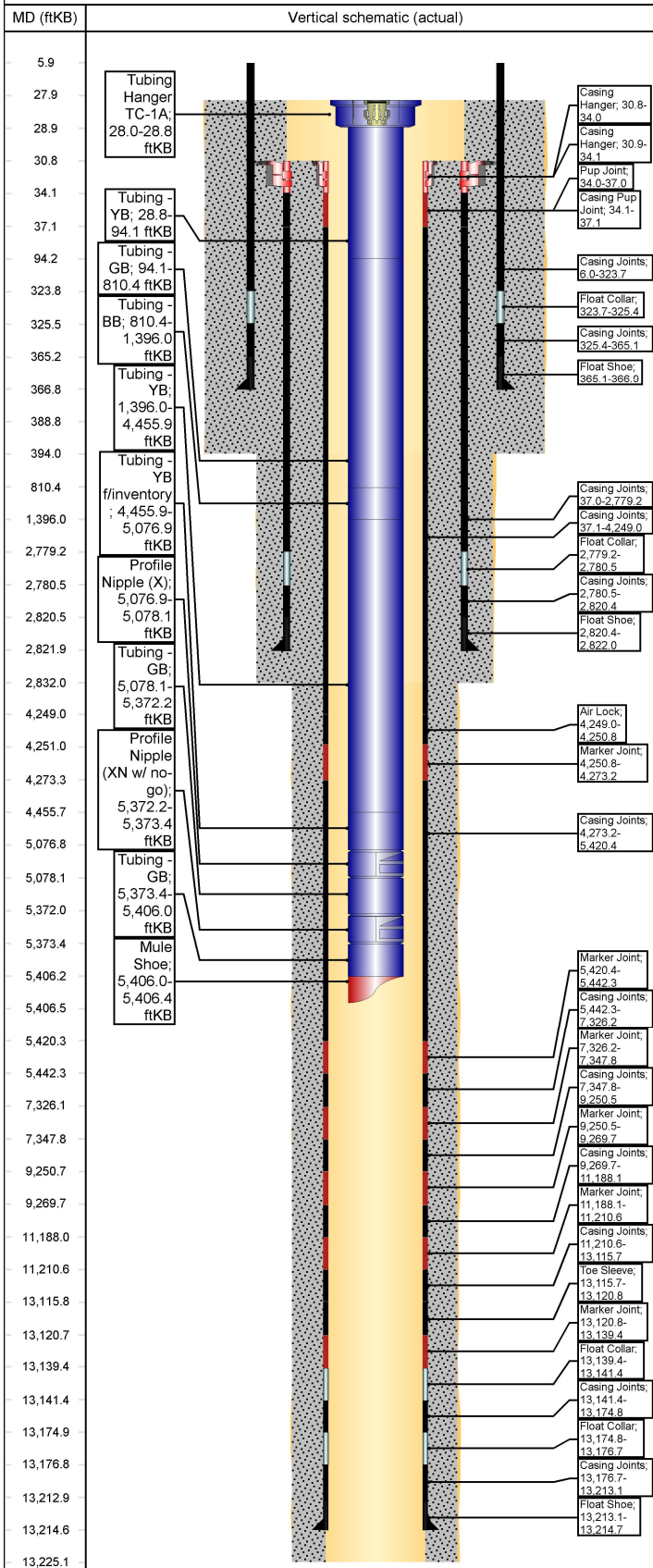
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joint	0	5 1/2	4.89	17.00	P-110	0.00
Casing Joints	0	5 1/2	4.89	17.00	P-110	0.00
Landing Joint	0	5 1/2	4.89	17.00	P-110	0.00
Casing Hanger	1	5 1/2	4.89	17.00	P-110	3.20
Casing Pup Joint	1	5 1/2	4.89	17.00	P-110	3.00
Casing Joints	105	5 1/2	4.89	17.00	P-110	4,211.97
Air Lock	1	5 1/2	4.89	17.00	P-110	1.80
Marker Joint	1	5 1/2	4.89	17.00	P-110	22.38
Casing Joints	29	5 1/2	4.89	17.00	P-110	1,147.13
Marker Joint	1	5 1/2	4.89	17.00	P-110	21.96
Casing Joints	49	5 1/2	4.89	17.00	P-110	1,883.85
Marker Joint	1	5 1/2	4.89	17.00	P-110	21.58
Casing Joints	49	5 1/2	4.89	17.00	P-110	1,902.78
Marker Joint	1	5 1/2	4.89	17.00	P-110	19.16
Casing Joints	49	5 1/2	4.89	17.00	P-110	1,918.45
Marker Joint	1	5 1/2	4.89	17.00	P-110	22.42
Casing Joints	49	5 1/2	4.89	17.00	P-110	1,905.13
Toe Sleeve	1	5 1/2	4.89	17.00	P-110	5.10
Marker Joint	1	5 1/2	4.89	17.00	P-110	18.66
Float Collar	1	5 1/2	4.89	17.00	P-110	1.92
Casing Joints	1	5 1/2	4.89	17.00	P-110	33.46
Float Collar	1	5 1/2	4.89	17.00	P-110	1.92
Casing Joints	1	5 1/2	4.89	17.00	P-110	36.32



Wellbore Schematic - Components and Cement

Well Name: S ESCAVADA UNIT 347H

Horizontal, Original Hole, 7/29/2024 11:55:46 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Shoe	1	5 1/2	4.89	17.00	P-110	1.63

Intermediate, 2,822.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate	9 5/8	36.00	J-55	30.8	2,822.0		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Landing Joint	0	9 5/8	8.92	36.00	J-55	0.00
Casing Joints	0	9 5/8	8.92	36.00	J-55	0.00
Landing Joint	0	9 5/8	8.92	36.00	J-55	0.00
Casing Hanger	1	9 5/8	8.92	36.00	J-55	3.20
Pup Joint	1	9 5/8	8.92	36.00	J-55	3.00
Casing Joints	69	9 5/8	8.92	36.00	J-55	2,742.14
Float Collar	1	9 5/8	8.92	36.00	J-55	1.35
Casing Joints	1	9 5/8	8.92	36.00	J-55	39.87
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.60

Surface, 366.9ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface	13 3/8	54.50	J-55	6.0	366.9		12.62

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	8	13 3/8	12.62	54.50	J-55	317.74
Float Collar	1	13 3/8	12.62	54.50	J-55	1.62
Casing Joints	1	13 3/8	12.62	54.50	J-55	39.70
Float Shoe	1	13 3/8	12.62	54.50	J-55	1.84

Cement

Surface Casing Cement, Casing, 11/18/2021 17:45

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 366.9ftKB	11/18/2021 17:45	11/18/2021 19:03

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	28.0	388.9	

Intermediate Casing Cement, Casing, 12/24/2021 16:45

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,822.0ftKB	12/24/2021 16:45	12/24/2021 19:30

Cement Stages

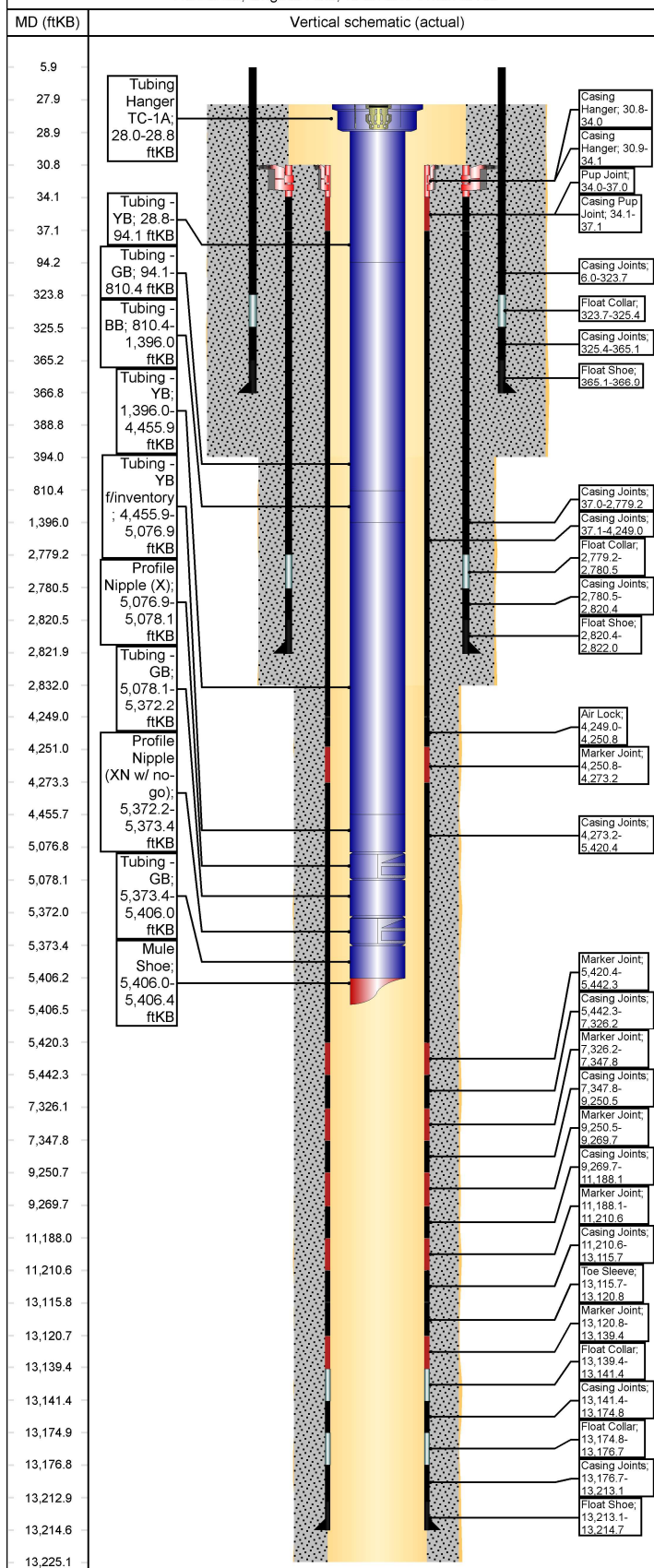
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	28.0	2,832.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2500 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 209 bbls (548 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 215 bbls FW. FCP at 535 psi and plug DID NOT BUMP Shut In With 475 psi Maintained returns throughout job. Calculated 50 bbls to surface and got 165 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,635 ft MD. (Cement 1930 Hour,s To 20:00 Hour,s on -12-24-2021)

Production Casing Cement, Casing, 1/13/2022 03:00

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 13,214.7ftKB	1/13/2022 03:00	1/13/2022 06:30

Well Name: S ESCAVADA UNIT 347H

Horizontal, Original Hole, 7/29/2024 11:55:48 AM



Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.9	13,225.0	Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 209. bbls (195.3 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft³/sk, 13.4 gal H₂O/sk. Pumped Tail Cement: 416 bbls (1269 sx) Class G Cement at 13.3 ppg, 1.56 ft³/sk, 7.69 gal H₂O/sk. Washed lines, dropped plug & began displacement. Displaced with 305 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,910 psi and plug bumped at 4.0 bpm to 2620 psi. Bled back 2.0 Bbls and floats held. Top of Tail: Calculated 3,910 ft MD. Top of Lead: surface Cement Back 80 BBL. Cement in place at 06:24 on 1/13/2022

Wellbores

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	17 1/2	28.0	394.0
Intermediate	12 1/4	394.0	2,832.0
Production	8 1/2	2,832.0	13,225.0

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 373452

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 373452
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/4/2025