

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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. JIC424
		6. If Indian, Allottee or Tribe Name JICARILLA APACHE

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. JICARILLA/104H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004321219
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740	3b. Phone No. (include area code) (505) 497-8574	10. Field and Pool or Exploratory Area GALLUP/GALLUP
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 8/T22N/R5W/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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplete 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 packer failure. An updated well schematic is attached.

EOT: 6139 MD
Packer Top: 5840' MD
GLV: 5794' MD
Job Start: 11/19/2024
Job End: 11/22/2024

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) CHALON LEFEBRE / Ph: (505) 486-2300	Title Regulatory Analyst
Signature (Electronic Submission)	Date 01/23/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted	Title Petroleum Engineer	Date 01/23/2025
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 RIO PUERCO	

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWNW / 440 FNL / 561 FWL / TWSP: 22N / RANGE: 5W / SECTION: 8 / LAT: 36.1581083 / LONG: -107.3910423 (TVD: 0 feet, MD: 0 feet)

PPP: SENE / 1977 FNL / 55 FEL / TWSP: 22N / RANGE: 5W / SECTION: 7 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: SWNW / 1976 FNL / 250 FWL / TWSP: 22N / RANGE: 5W / SECTION: 7 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

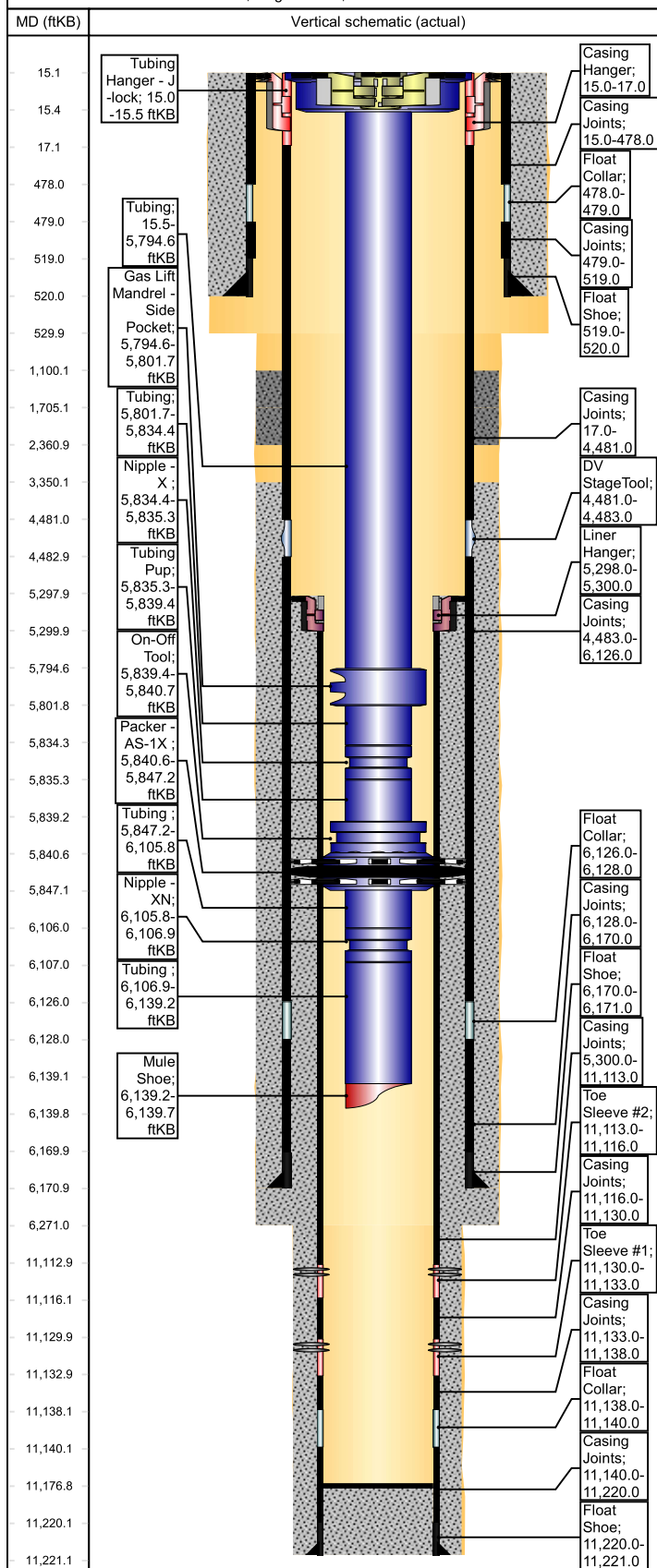


Wellbore Schematic - Components and Cement

Well Name: JICARILLA 104H

API/UWI 30-043-21219		County SANDOVAL		State/Province NEW MEXICO		Surface Legal Location Section 08, Twp 22N, Rng 05W, 23rd PM	
Spud Date 5/18/2014		On Production Date 7/21/2014		Abandon Date		Ground Elevation (ft) 6,961.00	
						Original KB Elevation (ft) 6,976.00	
						Total Depth (All) (ftKB) Original Hole - 11,221.0	
						PBTD (All) (ftKB) Original Hole - 11,177.0	

Horizontal, Original Hole, 1/10/2025 9:28:40 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
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Rod Strings

<des> on <dtmrun>

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

Tubing - Production set at 6,139.7ftKB on 11/22/2024 10:30

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
Tubing - Production	6,124.68	6,139.7	11/22/2024		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger - J-lock	6.83	0.50	15.0	15.5		
18	Tubing	2 3/8	5,779.1	15.5	5,794.6	J-55	4.70
2			4				
1	Gas Lift Mandrel - Side Pocket	3 1/2	7.11	5,794.6	5,801.8		
1	Tubing	2 3/8	32.62	5,801.8	5,834.4	J-55	4.70
1	Nipple - X	2 3/8	0.93	5,834.4	5,835.3	J-55	4.70
1	Tubing Pup	2 3/8	4.10	5,835.3	5,839.4	J-55	4.70
1	On-Off Tool	3 1/2	1.25	5,839.4	5,840.7		
1	Packer - AS-1X	4	6.55	5,840.7	5,847.2		
8	Tubing	2 3/8	258.61	5,847.2	6,105.8	J-55	4.70
1	Nipple - XN	2 3/8	1.10	6,105.8	6,106.9	J-55	4.70
1	Tubing	2 3/8	32.32	6,106.9	6,139.2	J-55	4.70
1	Mule Shoe	2 3/8	0.45	6,139.2	6,139.7	J-55	4.70

Casing Strings

Tieback Liner, 5,298.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Tieback Liner	4 1/2	11.60	P-110	15.0	5,298.0		4.00

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Liner Hanger		4 1/2				1.00
Liner Pup Joint	3	4 1/2	4.00	11.60	P-110	10.00
Casing Joints	125	4 1/2	4.00	11.60	P-110	5,270.00
PBR Seal Assembly		4 1/2	4.00		P-110	2.00

Production Liner, 11,221.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Liner	4 1/2	11.60	P-110	5,298.0	11,221.0		4.00

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Liner Hanger		4 1/2	4.00	11.60	P-110	2.00
Casing Joints	136	4 1/2	4.00	11.60	P-110	5,813.00
Toe Sleeve #2		4 1/2	4.00		P-110	3.00
Casing Joints		4 1/2	4.00	11.60	P-110	14.00
Toe Sleeve #1		4 1/2	4.00		P-110	3.00
Casing Joints		4 1/2	4.00	11.60	P-110	5.00
Float Collar		4 1/2	4.00		P-110	2.00
Casing Joints	2	4 1/2	4.00	11.60	P-110	80.00
Float Shoe		4 1/2	4.00		P-110	1.00

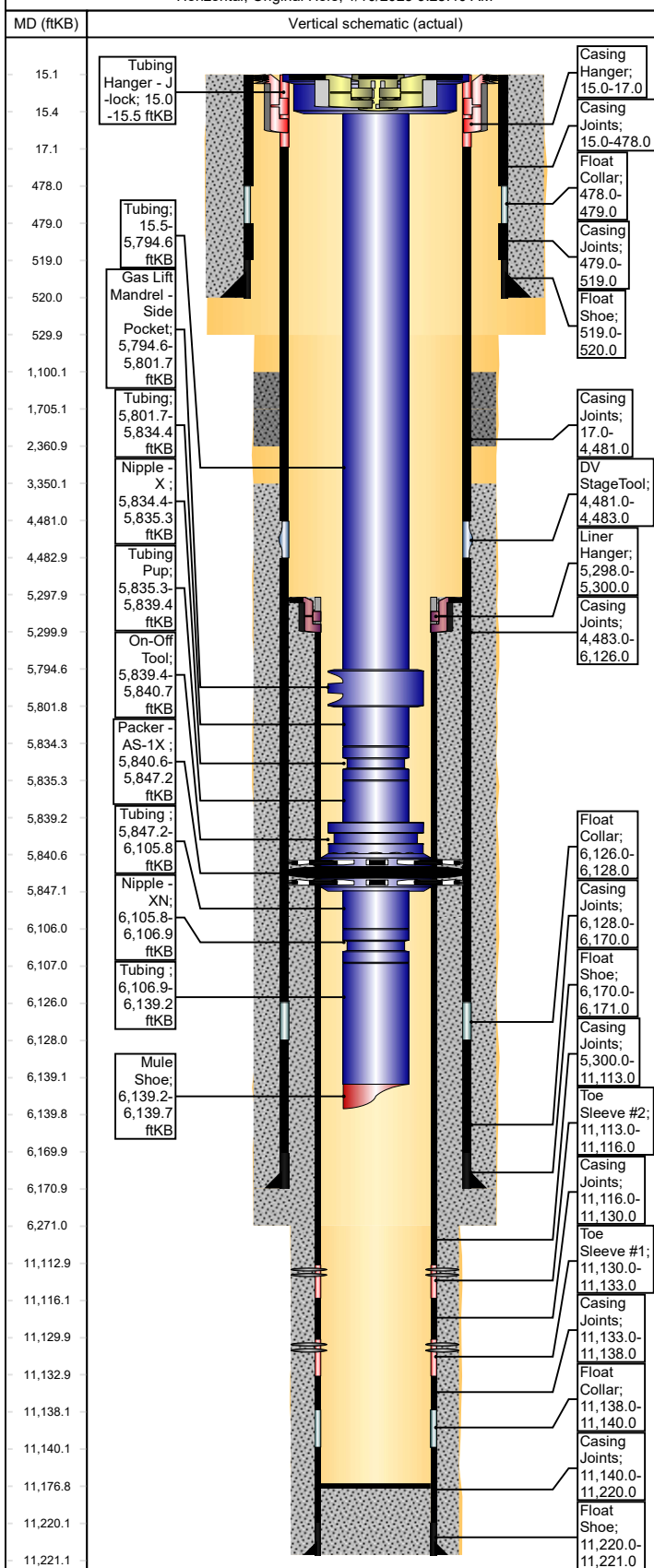
Intermediate Casing, 6,171.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate Casing	7	23.00	K-55	15.0	6,171.0		6.37

Wellbore Schematic - Components and Cement

API/UWI 30-043-21219		County SANDOVAL	State/Province NEW MEXICO	Surface Legal Location Section 08, Twp 22N, Rng 05W, 23rd PM		
Spud Date 5/18/2014	On Production Date 7/21/2014	Abandon Date	Ground Elevation (ft) 6,961.00	Original KB Elevation (ft) 6,976.00	Total Depth (All) (ftKB) Original Hole - 11,221.0	PBTD (All) (ftKB) Original Hole - 11,177.0

Horizontal. Original Hole. 1/10/2025 9:28:40 AM



String Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Des	String	Top (ftKB)	Btm (ftKB)	Run Date

<des> on <dtmrun>			
Rod Description	String Length (ft)	Set Depth (#KR)	Run Date

Item Description		String Length (in)	Cor Depth (ftKB)	Unit Date	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Tubing - Production set at 6,139.7ftKB on 11/22/2024 10:30

Tubing Description	Len (ft)	Set Depth (f...)	Run Date	Cut/Pull Date	Depth C.
Tubing - Production	6,124.68	6,139.7	11/22/2024		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger - J-lock	6.83	0.50	15.0	15.5		
18	Tubing	2 3/8	5,779.1	15.5	5,794.6	J-55	4.70
2			4				
1	Gas Lift Mandrel - Side Pocket	3 1/2	7.11	5,794.6	5,801.8		
1	Tubing	2 3/8	32.62	5,801.8	5,834.4	J-55	4.70
1	Nipple - X	2 3/8	0.93	5,834.4	5,835.3	J-55	4.70
1	Tubing Pup	2 3/8	4.10	5,835.3	5,839.4	J-55	4.70
1	On-Off Tool	3 1/2	1.25	5,839.4	5,840.7		
1	Packer - AS-1X	4	6.55	5,840.7	5,847.2		
8	Tubing	2 3/8	258.61	5,847.2	6,105.8	J-55	4.70
1	Nipple - XN	2 3/8	1.10	6,105.8	6,106.9	J-55	4.70
1	Tubing	2 3/8	32.32	6,106.9	6,139.2	J-55	4.70
1	Mule Shoe	2 3/8	0.45	6,139.2	6,139.7	J-55	4.70

Tieback Liner, 5.298.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Tieback Liner	4 1/2	11.60	P-110	15.0	5,298.0		4.00

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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Liner Hanger		4 1/2				1.00
Liner Pup Joint	3	4 1/2	4.00	11.60	P-110	10.00
Casing Joints	125	4 1/2	4.00	11.60	P-110	5,270.00
PBR Seal Assembly		4 1/2	4.00		P-110	2.00

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Liner	4 1/2	11.60	P-110	5,298.0	11,221.0		4.00

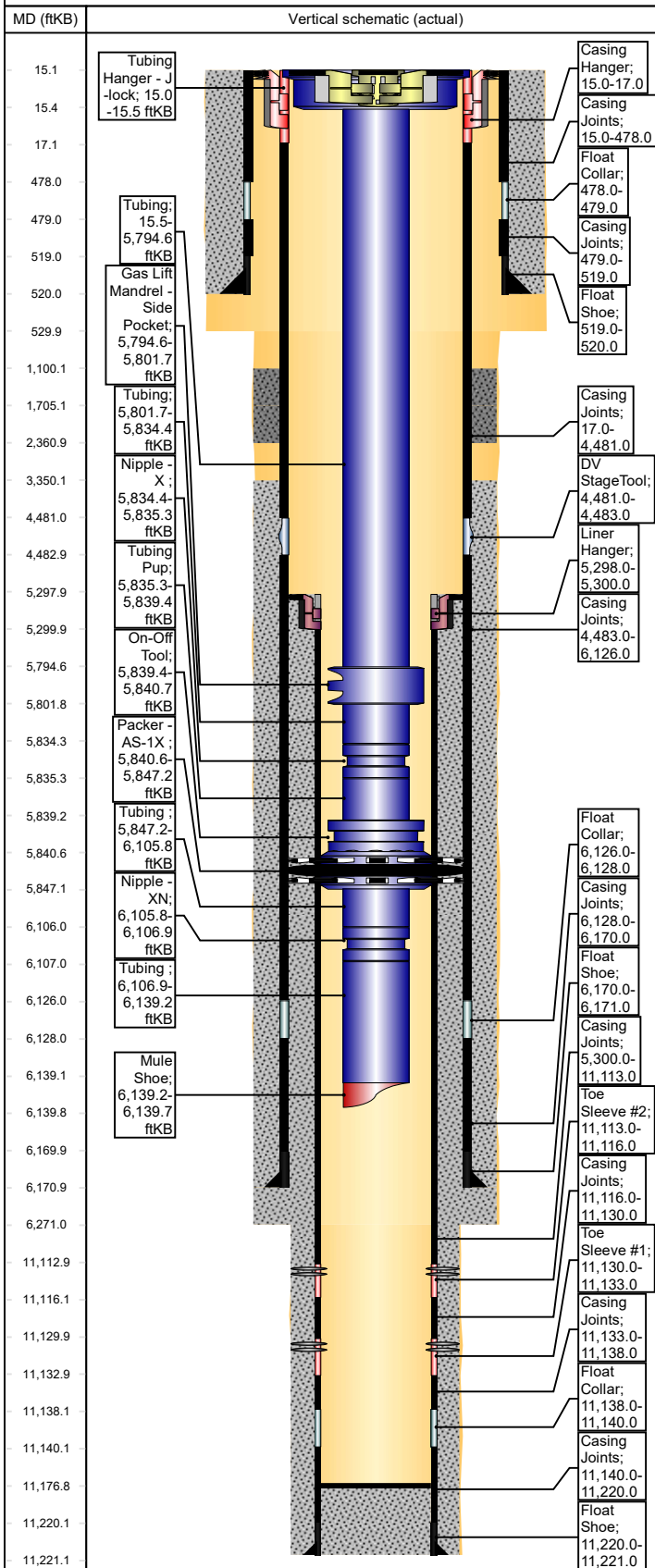
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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Liner Hanger	136	4 1/2	4.00	11.60	P-110	2.00
Casing Joints		4 1/2	4.00	11.60	P-110	5,813.00
Toe Sleeve #2		4 1/2	4.00		P-110	3.00
Casing Joints		4 1/2	4.00	11.60	P-110	14.00
Toe Sleeve #1		4 1/2	4.00		P-110	3.00
Casing Joints		4 1/2	4.00	11.60	P-110	5.00
Float Collar	2	4 1/2	4.00		P-110	2.00
Casing Joints		4 1/2	4.00	11.60	P-110	80.00
Float Shoe		4 1/2	4.00		P-110	1.00

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate Casing	7	23.00	K-55	15.0	6,171.0		6.37

WellView®**Wellbore Schematic - Components and Cement****Well Name: JICARILLA 104H**

Horizontal, Original Hole, 1/10/2025 9:28:41 AM

**Casing Components**

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger		7	6.37	23.00	K-55	2.00
Casing Joints	106	7	6.37	23.00	K-55	4,464.00
DV StageTool		7	6.37		K-55	2.00
Casing Joints	39	7	6.37	23.00	K-55	1,643.00
Float Collar		7	6.37		K-55	2.00
Casing Joints	1	7	6.37	23.00	K-55	42.00
Float Shoe		7	6.37		K-55	1.00

Surface Casing, 520.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface Casing	9 5/8	36.00	K-55	15.0	520.0		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	11	9 5/8	8.92	36.00	K-55	463.00
Float Collar		9 5/8				1.00
Casing Joints	1	9 5/8	8.92	36.00	K-55	40.00
Float Shoe		9 5/8				1.00

Cement**Surface Cement, Casing, 5/18/2014 14:00**

Description	String	Cementing Start Date	Cementing End Date
Surface Cement	Surface Casing, 520.0ftKB	5/18/2014 14:00	5/18/2014 16:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	15.0	520.0	320 sx Class G

Intermediate Cement, Casing, 5/30/2014 14:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Cement	Intermediate Casing, 6,171.0ftKB	5/30/2014 14:00	5/30/2014 18:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	3,350.0	6,171.0	Lead: 480 sx Halcem Tail: 50 sx Halcem TOC 3350" (CBL)

Prod Liner Cement, Casing, 6/18/2014 14:00

Description	String	Cementing Start Date	Cementing End Date
Prod Liner Cement	Production Liner, 11,221.0ftKB	6/18/2014 14:00	6/18/2014 20:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,298.0	11,221.0	Lead: 55 sx Elastiseal, 315 sx Foamed Elastiseal. Tail: 100 sx Elastiseal

Intmd Remedial Cement, Casing - Remedial, 7/23/2014 14:00

Description	String	Cementing Start Date	Cementing End Date
Intmd Remedial Cement	Intermediate Casing, 6,171.0ftKB	7/23/2014 14:00	7/23/2014 18:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	1,705.0	2,361.0	Cement squeeze holes at 2361' w/ 484 sx Type III,
2	1,100.0	1,705.0	Cement squeeze holes at 1705' w/ 282 sx Type III, Tail w/ 85 sx Type G, no cement to surface. TOC @ 1100' MD per CBL

Wellbores**Original Hole**

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface Hole	12 1/4	15.0	530.0
Intermediate Hole	8 3/4	530.0	6,271.0
Production Hole	6 1/8	6,271.0	11,221.0

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 507578

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 507578
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	11/18/2025