

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. NMNM110324
		6. If Indian, Allottee or Tribe Name

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. LYBROOK 2308-24I/156H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004535548
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740	3b. Phone No. (include area code) (505) 497-8574	10. Field and Pool or Exploratory Area BASIN MANCOS/BASIN MANCOS
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 24/T23N/R8W/NMP		11. Country or Parish, State SAN JUAN/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 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 to mitigate a possible integrity issue found at bradenhead testing. A work summary and wellbore diagram are attached.

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 01/20/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted	Title Petroleum Engineer	Date 01/21/2025
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 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)

Additional Information

Location of Well

0. SHL: NESE / 1524 FSL / 233 FEL / TWSP: 23N / RANGE: 8W / SECTION: 24 / LAT: 36.2093878 / LONG: -107.6250758 (TVD: 0 feet, MD: 0 feet)

PPP: SESE / 386 FSL / 384 FEL / TWSP: 23N / RANGE: 8W / SECTION: 24 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 1224 FSL / 255 FWL / TWSP: 23N / RANGE: 8W / SECTION: 24 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Lybrook 2308 24I 156H (API 30-045-35548) Workover Summary

12/20/24- RU pulling unit. WSI inspected and tested wellhead. No pressure on bradenhead. No visible issues were found.

12/30/24-Hold PJSM. SICP - 0 psi. SITP - 0 psi. Bradenhead - 10 psi. Open well to rig pit. Braden head blows down to 0 psi in 1 minute. Remove the hydraulic cylinder. Pull pony rods and top 2 rods. Re-install hydraulic cylinder. MIRU hot oil truck. Load 60 bbls produced water mixed with 5 gallons 62 dispersant. Preheat water. Pump hot water flush down casing at 245°. Load an additional 60 bbls produced water on truck. Add 5 gallons 62 dispersant pre-heat water. Pump hot water flush down tubing at 245°. RDMO hot oil truck. Remove the hydraulic cylinder. POOH with rods / rod pump. Lay down two 7/8" rods due to wear. Send in rod pump for R&R. ND production tree. Release TAC. NU BOP. Test pipe rams to 1500 psi. Rig up the rig floor. Change over handling tools to pull 2-7/8" EUE production tubing. MIRU Tuboscope scanning unit. Scan out production tubing. No red or green band tubing was found. RDMO scanning unit. Prep for packer work to test casing and look for possible leak. SDFN.

12/31/24-Hold PJSM. SICP = 0 psi. SITP = N/A. Bradenhead = 0 psi. Tally / drift tubing. Pick up 7" RBP and 7" packer. TIH with tools. Set RBP at 5645' ft. Move packer up hole to 5573' ft. Leave packer unset. Load casing down tubing with produced water. Set packer at 5573' ft. Test RBP and packer to 800 psi. Hold pressure for 15 minutes. RBP, packer & tubing test good. Release packer. Close pipe rams. Pressure tubing up to 700 psi. Hold for 30 minutes. Pressure climbs to 810 psi. Suspect pressure increase is due to cold water expanding. Bleed off tubing /casing pressure. Pull 10 stands to drop fluid level away from surface and out of top joint of tubing to prevent overnight freeze-up. Secure well. Prep for charted pressure test on 7" casing. SDFN.

1/1/25-Hold PJSM. SICP = 0 psi. SITP = 0 psi. Bradenhead = 0 psi with no blow. MIRU pressure test unit with chart recorder. Move tubing back down to bring fluid level back up. Close pipe rams. Make up flow T with gauge. Shut in flow T. Tie on to casing with test unit. Open bradenhead. Bring casing pressure up to 550 psi with test unit. Chart test for 35 minutes. No drop or increase during test. No blow from bradenhead during test. Notify state of NM rep of test results and send picture of chart. State of NM Rep accepts test results. RDMO test unit. Move down with retrieving tool. Latch RBP. Only able to partially equalize RBP. Attempt to release RBP with no success. Suspect bypass on top of RBP plugged off. Call for slickline unit. Secure well. Prep to shoot drain hole in tubing one joint above tools with slickline gun. SDFN.

1/2/25-SICP = 0 PSI. SITP = 0 PSI. Bradenhead= 0 PSI. No blow from bradenhead. Attempt to release RBP with no success. Tubing goes on slight vacuum but RBP will not release. MIRU slickline unit. Run in with gauge ring. Tag gauge ring at 5568'. POOH with gauge ring. Run in with slickline gun. Tag S/N multiple times to try to set off gun to shoot drain hole in 2-7/8 EUE tubing. No indication that gun went off. POOH with slickline tools. Confirm gun did not fire. Work Tubing/RBP while expert slickline tries to determine the reason for failure. RBP releases. RDMO SLU. TOH with RBP/PKR. Lay down tools. Found solids on top of RPB when laying down tools. MU BHA. MU top Joint of 3-1/2" EUE tubing. MU 3-1/2" EUE tubing hanger. Hang off tubing. RD rig floor. ND BOP. Pull/remove tubing hanger using shallow slips. Set TAC. MU tubing hanger. Land tubing in 12K tension. NU production tree. Change over handling tools from tubing to rod tools. Pick up R&R rod pump. Bucket test and long stroke rod pump. Pump is in working condition. Run in with rod assembly. No changes made to

rod design. Replace 2 7/8" guided worn rods with 2 7/8" guided 6 per rods. Make up polished rod and nipple up hydraulic cylinder. Shut in tubing and casing. SDFN.

1/3/25-Hold PJSM. SICP = 0 psi. SITP = 0 psi. Braden head = 0 psi. Wait on pumping unit techs to start pumping unit and set tag. Pumping unit techs arrive on location. Lower rods to check for tag & confirm rod pump is seated. Load tubing with produced water using rig pump. Bring tubing pressure up to 600 psi. Tubing pressure drops to 0 psi in 10 minutes. Bleed off tubing to remove any air in tubing. Retest tubing to 600 psi. Tubing continues to leak. Unseat rod pump to drop fluid in tubing to flush rod pump / seat nipple. Reseat rod pump. Load and Retest tubing to 600 psi with rig pump. Continue to see tubing leak. Pull hanger. Test tubing to check for a leak under tubing hanger. Test tubing with rig pump and flow T. Tubing leaks. Do not see a leak under tubing hanger. Tubing continues to leak. Pull rods & rod pump. Pump tech on location to tear down rod pump. Unable to find any issues with rod pump. Drop standing valve. Load tubing with produced water using rig pump. Pressure up tubing to 650 psi. Tubing pressures drops at 10 psi per 2 minutes. Bleed off any air inside tubing. Retest. Tubing test fails at same rate. Pull standing valve. Release TAC. Lay down top joint of 3-1/2" EUE tubing. Secure well. Prep to drop standing valve & re-test only 2-7/8" EUE tubing with rig pump. SDFW.

1/6/25-Hold PJSM. SICP = 0 psi. SITP = 0 psi. Bradenhead = 0 psi. Pump 10 bbls produced water down tubing. Drop standing valve. Successfully test production tubing after multiple attempts. POOH with standing valve. Bucket test & long stroke rod pump at surface to confirm rod pump is working. Run in with rod pump & rods. Pick up hydraulic cylinder. Makeup polished rod. Flange up hydraulic cylinder. Pumper on location to start & cycle pumping unit. Unable to start unit (wait until 1/8 for technician to start). Secure well. RDMO.

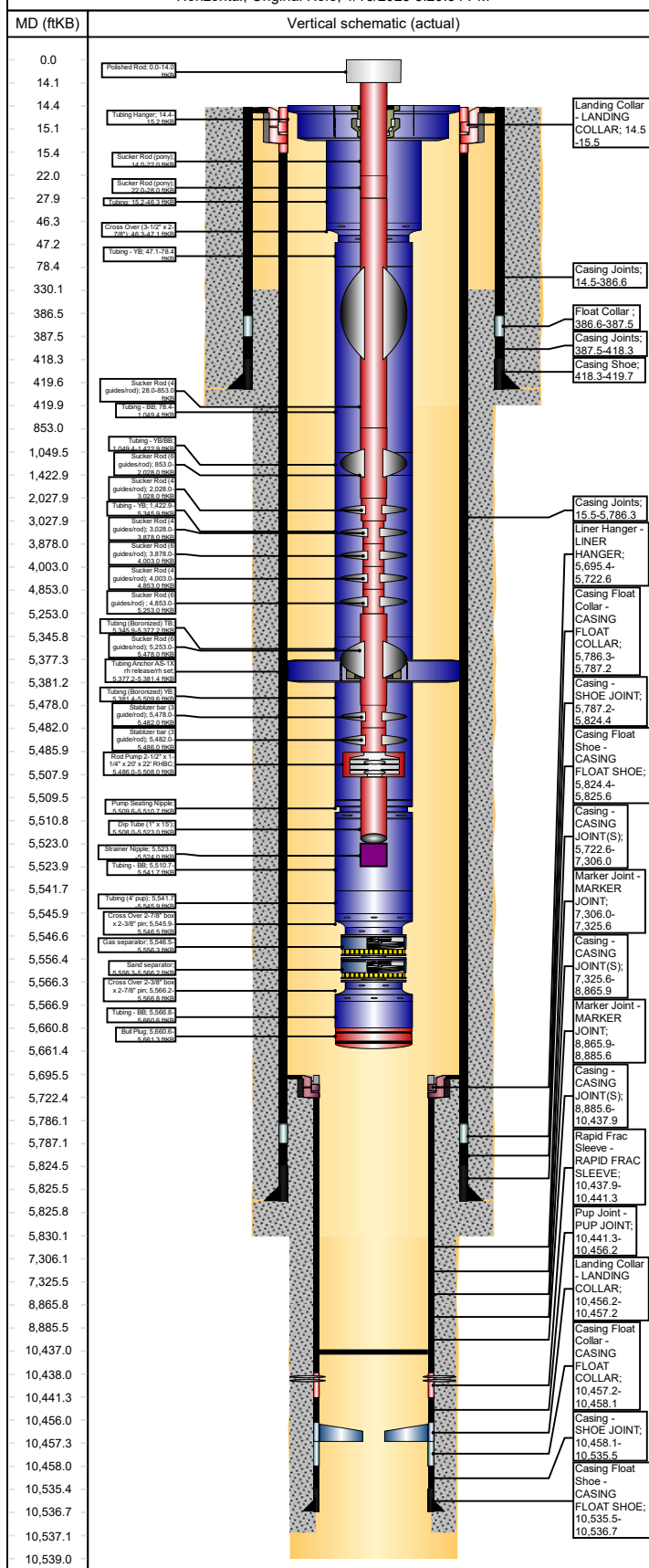


Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2308-24I 156H (FKA CHACO 2308-24I)

API/UWI 30-045-35548		County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location CHACO 2308-24I 156H		
Spud Date 11/15/2014	On Production Date 5/23/2015	Abandon Date	Ground Elevation (ft) 6,884.00	Original KB Elevation (ft) 6,898.50	Total Depth (All) (ftKB) Original Hole - 10,539.0	PBTD (All) (ftKB) Original Hole - 10,437.0

Horizontal, Original Hole, 1/16/2025 3:20:34 PM



Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
--------------------	--------------------	------------------	----------

Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
-----	--------	------------	------------	----------

Rod Strings

Rod String on 1/7/2025 12:00

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Rod String		5,524.00	5,524.0	1/7/2025	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	2	14.00	0.0	14.0
1	Sucker Rod (pony)	1	8.00	14.0	22.0
1	Sucker Rod (pony)	1	6.00	22.0	28.0
33	Sucker Rod (4 guides/rod)	1	825.00	28.0	853.0
47	Sucker Rod (6 guides/rod)	1	1,175.00	853.0	2,028.0
40	Sucker Rod (4 guides/rod)	7/8	1,000.00	2,028.0	3,028.0
34	Sucker Rod (4 guides/rod)	3/4	850.00	3,028.0	3,878.0
5	Sucker Rod (6 guides/rod)	3/4	125.00	3,878.0	4,003.0
34	Sucker Rod (4 guides/rod)	3/4	850.00	4,003.0	4,853.0
16	Sucker Rod (6 guides/rod)	3/4	400.00	4,853.0	5,253.0
9	Sucker Rod (6 guides/rod)	1	225.00	5,253.0	5,478.0
1	Stablizer bar (3 guide/rod)	7/8	4.00	5,478.0	5,482.0
1	Stablizer bar (3 guide/rod)	7/8	4.00	5,482.0	5,486.0
1	Rod Pump 2-1/2" x 1-1/4" x 20' x 22' RHBC	2.28	22.00	5,486.0	5,508.0
1	Dip Tube (1" x 15')	1	15.00	5,508.0	5,523.0
1	Strainer Nipple	1	1.00	5,523.0	5,524.0

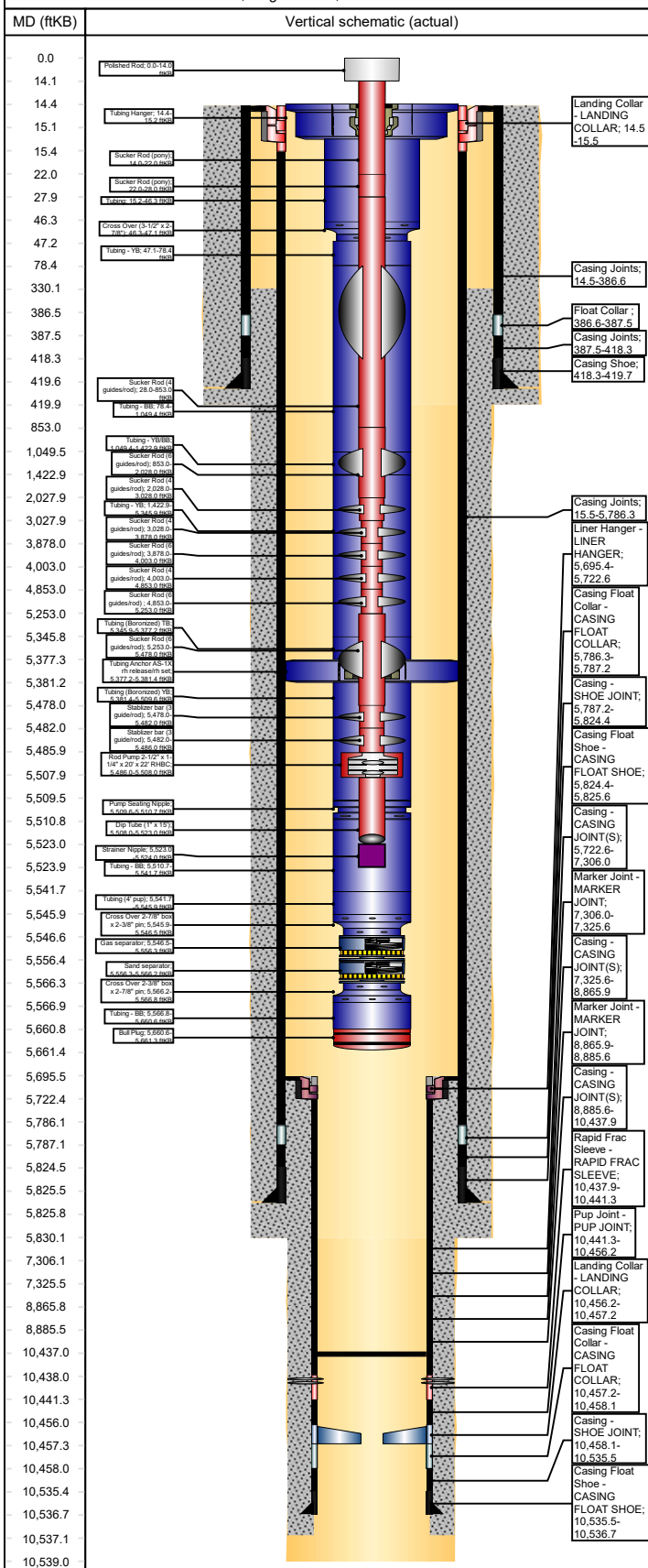
Tubing Strings

Tubing - Production set at 5,661.4ftKB on 1/7/2025 06:00

Tubing Description		Len (ft)	Set Depth (ft)	Run Date	Cut/Pull Date	Depth C.	
Tubing - Production		5,646.92	5,661.4	1/7/2025			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	6.36	0.80	14.4	15.2		
1	Tubing	3 1/2	31.10	15.2	46.3	N-80	9.30
1	Cross Over (3-1/2" x 2-7/8")	3 1/2	0.80	46.3	47.1	L-80	
1	Tubing - YB	2 7/8	31.25	47.1	78.4	L-80	6.50
31	Tubing - BB	2 7/8	971.01	78.4	1,049.4	L-80	6.50
12	Tubing - YB/BB	2 7/8	373.48	1,049.4	1,422.9	L-80	6.50
12	Tubing - YB	2 7/8	3,923.0	1,422.9	5,345.9	L-80	6.50
6			7				
1	Tubing (Boronized) TB	2 7/8	31.25	5,345.9	5,377.2	L-80	6.50
1	Tubing Anchor AS-1X rh release/rh set	6.36	4.20	5,377.2	5,381.4		
4	Tubing (Boronized) YB	2 7/8	128.22	5,381.4	5,509.6	L-80	6.50
1	Pump Seating Nipple	2 7/8	1.10	5,509.6	5,510.7	L-80	6.50
1	Tubing - BB	2 7/8	31.02	5,510.7	5,541.7	L-80	6.50
1	Tubing (4' pup)	2 7/8	4.20	5,541.7	5,545.9	L-80	6.50
1	Cross Over 2-7/8" box x 2-3/8" pin	2 7/8	0.60	5,545.9	5,546.5	L-80	
1	Gas separator	2 3/8	9.75	5,546.5	5,556.3		
1	Sand separator	2 3/8	9.95	5,556.3	5,566.2		
1	Cross Over 2-3/8" box x 2-7/8" pin	2 7/8	0.60	5,566.2	5,566.8		
3	Tubing - BB	2 7/8	93.82	5,566.8	5,660.7	L-80	6.50
1	Bull Plug	2 7/8	0.70	5,660.7	5,661.4	L-80	6.50

WellView®**Wellbore Schematic - Components and Cement****Well Name: LYBROOK 2308-24I 156H (FKA CHACO 2308-24I)**

Horizontal, Original Hole, 1/16/2025 3:20:35 PM

**Casing Strings****PRODUCTION LINER, 10,536.7ftKB**

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	5,695.4	10,536.7		4.00

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Liner Hanger - LINER HANGER	1	4 1/2	4.00	0.00	HOWC O	27.18
Casing - CASING JOINT(S)	37	4 1/2	4.00	11.60	P-110	1,583.44
Marker Joint - MARKER JOINT	1	4 1/2	4.00	11.60	P-110	19.61
Casing - CASING JOINT(S)	37	4 1/2	4.00	11.60	P-110	1,540.29
Marker Joint - MARKER JOINT	1	4 1/2	4.00	11.60	P-110	19.70
Casing - CASING JOINT(S)	37	4 1/2	4.00	11.60	P-110	1,552.32
Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	4 1/2	4.00	0.00	HOWC O	3.34
Pup Joint - PUP JOINT	1	4 1/2	4.00	11.60	P-110	14.91
Landing Collar - LANDING COLLAR	1	4 1/2	4.00	0.00	HOWC O	1.03
Casing Float Collar - CASING FLOAT COLLAR	1	4 1/2	4.00	0.00	HOWC O	0.87
Casing - SHOE JOINT	2	4 1/2	4.00	11.60	P-110	77.40
Casing Float Shoe - CASING FLOAT SHOE	1	4 1/2	4.00	0.00	HOWC O	1.23

INTERMEDIATE CASING, 5,825.6ftKB

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	14.5	5,825.6		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Landing Collar - LANDING COLLAR	1	7	6.37	23.00	K-55	1.00
Casing Joints	154	7	6.37	23.00	K-55	5,770.75
Casing Float Collar - CASING FLOAT COLLAR	1	7	6.37	23.00	HOWC O	0.95
Casing - SHOE JOINT	1	7	6.37	23.00	K-55	37.19
Casing Float Shoe - CASING FLOAT SHOE	1	7	6.37	23.00	HOWC O	1.25

SURFACE CASING, 419.7ftKB

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	J-55	14.5	419.7		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	15	9 5/8	8.92	36.00	J-55	372.07
Float Collar	1	9 5/8	8.92		J-55	0.90
Casing Joints	1	9 5/8	8.92	36.00	J-55	30.83
Casing Shoe	1	9 5/8	8.92		J-55	1.42

Cement**SURFACE CASING, Casing, 11/6/2014 17:09**

Description	String	Cementing Start Date	Cementing End Date
SURFACE CASING	SURFACE CASING, 419.7ftKB	11/6/2014 17:09	11/6/2014 17:40

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.5	419.7	

Intermediate Casing Cement, Casing, 3/25/2015 12:52

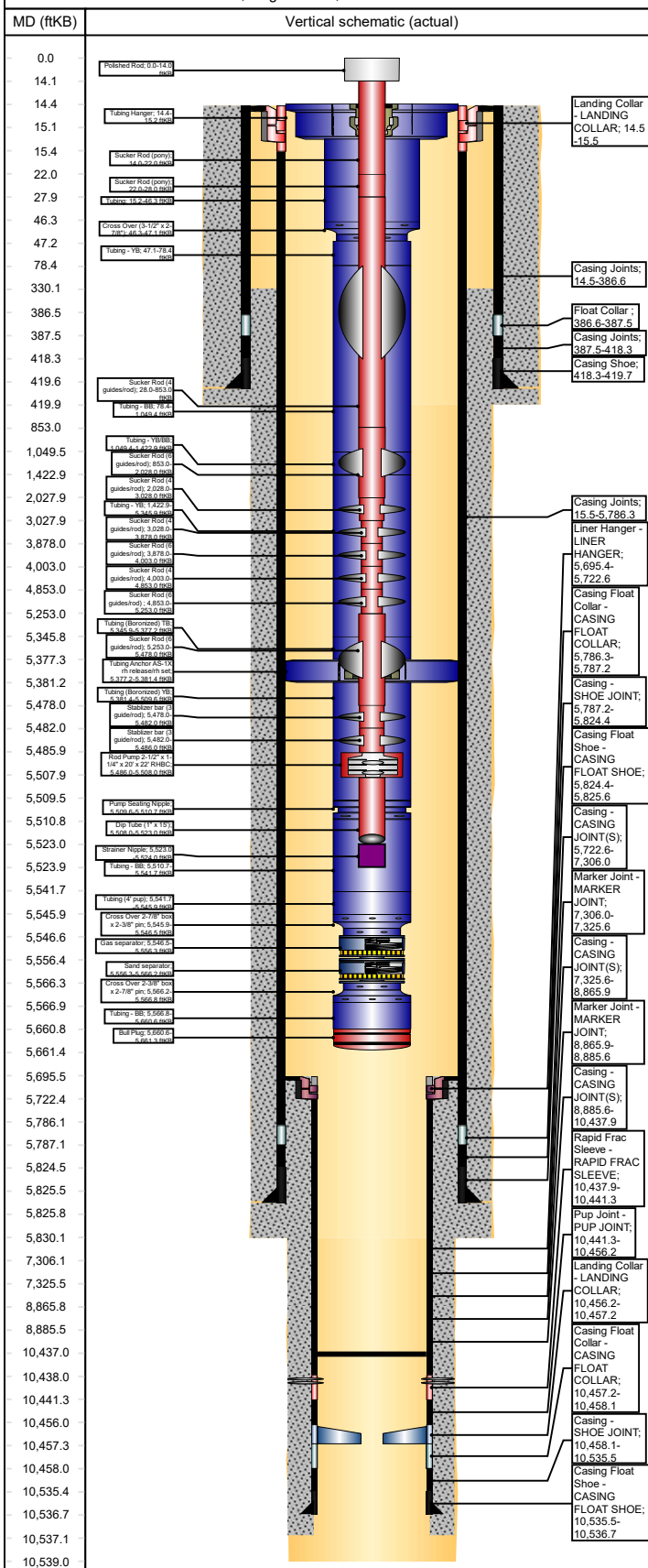
Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	INTERMEDIATE CASING, 5,825.6ftKB	3/25/2015 12:52	3/25/2015 16:28

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	330.0	5,825.6	

WellView®**Wellbore Schematic - Components and Cement****Well Name:** LYBROOK 2308-24I 156H (FKA CHACO 2308-24I)

Horizontal, Original Hole, 1/16/2025 3:20:35 PM

**Cement****Production Liner Cement, Casing, 3/30/2015 03:50**

Description	String	Cementing Start Date	Cementing End Date
Production Liner Cement	PRODUCTION LINER, 10,536.7ftKB	3/30/2015 03:50	3/30/2015 07:10

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,695.4	10,537.0	

Wellbores**Original Hole**

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	14.5	420.0
INTERMEDIATE	8 3/4	420.0	5,830.0
PRODUCTION	6 1/8	5,830.0	10,539.0

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 422692

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 422692
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	approved for record only - a witnessed bradenhead test is required at 30 days past rig move - 6 months after rig move and 1 year after rig move	1/21/2025