

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.	NMNM109387
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 ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. LYBROOK 2206-05A/436H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004321226
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740	3b. Phone No. (include area code) (505) 497-8574	10. Field and Pool or Exploratory Area LYBROOK GALLUP/LYBROOK GALLUP
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 5/T22N/R6W/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 recompleation 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 HIT and rod pump repair. An updated well schematic is attached.

EOT: 5,556 MD

Seat Nipple Top: 5,410 MD

Tubing Pump btm: 5,411 MD

Job Start: 12.20.2023

Job End: 12.28.2023

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 01/10/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted	Title Petroleum Engineer	Date 01/11/2024
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)

Additional Information

Location of Well

0. SHL: NENE / 939 FNL / 357 FEL / TWSP: 22N / RANGE: 6W / SECTION: 5 / LAT: 36.1726 / LONG: -107.483323 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 984 FNL / 1104 FEL / TWSP: 22N / RANGE: 6W / SECTION: 5 / LAT: 36.172522 / LONG: -107.485855 (TVD: 0 feet, MD: 0 feet)

BHL: NWNE / 990 FNL / 2334 FEL / TWSP: 22N / RANGE: 6W / SECTION: 6 / LAT: 36.17288 / LONG: -107.507772 (TVD: 0 feet, MD: 0 feet)

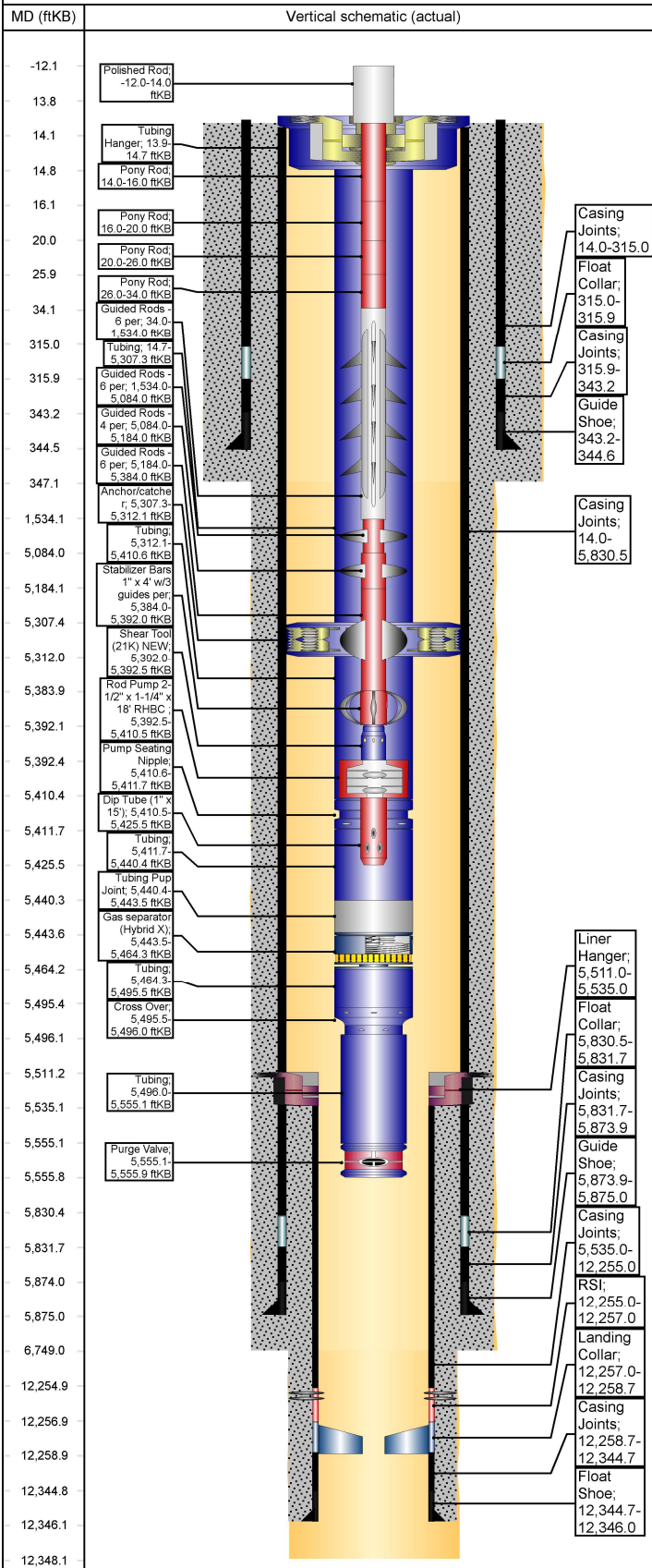


Wellbore Schematic - Components and Cement

Well Name: Lybrook 2206-05A 436H (fka Chaco)

API/UWI 30-043-21226		County SANDOVAL		State/Province NEW MEXICO		Surface Legal Location (Unit A) Section 05, Twp 22N, Rng 06W, NMPM	
Spud Date 7/23/2014	On Production Date 10/4/2014	Abandon Date	Ground Elevation (ft) 7,126.00	Original KB Elevation (ft) 7,140.00	Total Depth (All) (ftKB) Original Hole - 12,348.0	PBTD (All) (ftKB) Original Hole - 12,257.0	

Horizontal, Original Hole, 1/4/2024 11:01:58 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

Rod String on 12/22/2023 16:45

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Rod String		5,437.50	5,425.5	12/22/2023	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2	26.00	-12.0	14.0
1	Pony Rod	7/8	2.00	14.0	16.0
1	Pony Rod	7/8	4.00	16.0	20.0
1	Pony Rod	7/8	6.00	20.0	26.0
1	Pony Rod	7/8	8.00	26.0	34.0
60	Guided Rods - 6 per	7/8	1,500.00	34.0	1,534.0
142	Guided Rods - 6 per	3/4	3,550.00	1,534.0	5,084.0
4	Guided Rods - 4 per	7/8	100.00	5,084.0	5,184.0
8	Guided Rods - 6 per	7/8	200.00	5,184.0	5,384.0
2	Stabilizer Bars 1" x 4' w/3 guides per	1	8.00	5,384.0	5,392.0
1	Shear Tool (21K) NEW	7/8	0.50	5,392.0	5,392.5
1	Rod Pump 2-1/2" x 1-1/4" x 18' RHBC	2 1/2	18.00	5,392.5	5,410.5
1	Dip Tube (1" x 15')	1	15.00	5,410.5	5,425.5

Tubing Strings

Tubing - Production set at 5,555.9ftKB on 8/16/2021 14:00

Tubing Description		Len (ft)	Set Depth (f...)	Run Date	Cut/Pull Date	Depth C...	
Tubing - Production		5,541.97	5,555.9	8/16/2021			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
	Tubing Hanger	7	0.80	13.9	14.7		
16	Tubing	2 7/8	5,292.5	14.7	5,307.3	J-55	6.50
3			6				
1	Anchor/catcher	6.36	4.78	5,307.3	5,312.1		
3	Tubing	2 7/8	98.52	5,312.1	5,410.6	J-55	6.50
1	Pump Seating Nipple	2 7/8	1.12	5,410.6	5,411.7		
1	Tubing	2 7/8	28.72	5,411.7	5,440.4	J-55	6.50
	Tubing Pup Joint	2 7/8	3.06	5,440.4	5,443.5	J-55	6.50
	Gas separator (Hybrid X)	2 7/8	20.81	5,443.5	5,464.3		
1	Tubing	2 7/8	31.20	5,464.3	5,495.5	J-55	6.50
	Cross Over	2 7/8	0.50	5,495.5	5,496.0		
2	Tubing	2 3/8	59.11	5,496.0	5,555.1	J-55	4.70
	Purge Valve	2 3/8	0.79	5,555.1	5,555.9		

Casing Strings

PRODUCTION LINER, 12,346.0ftKB

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	5,511.0	12,346.0		4.00

Casing Components

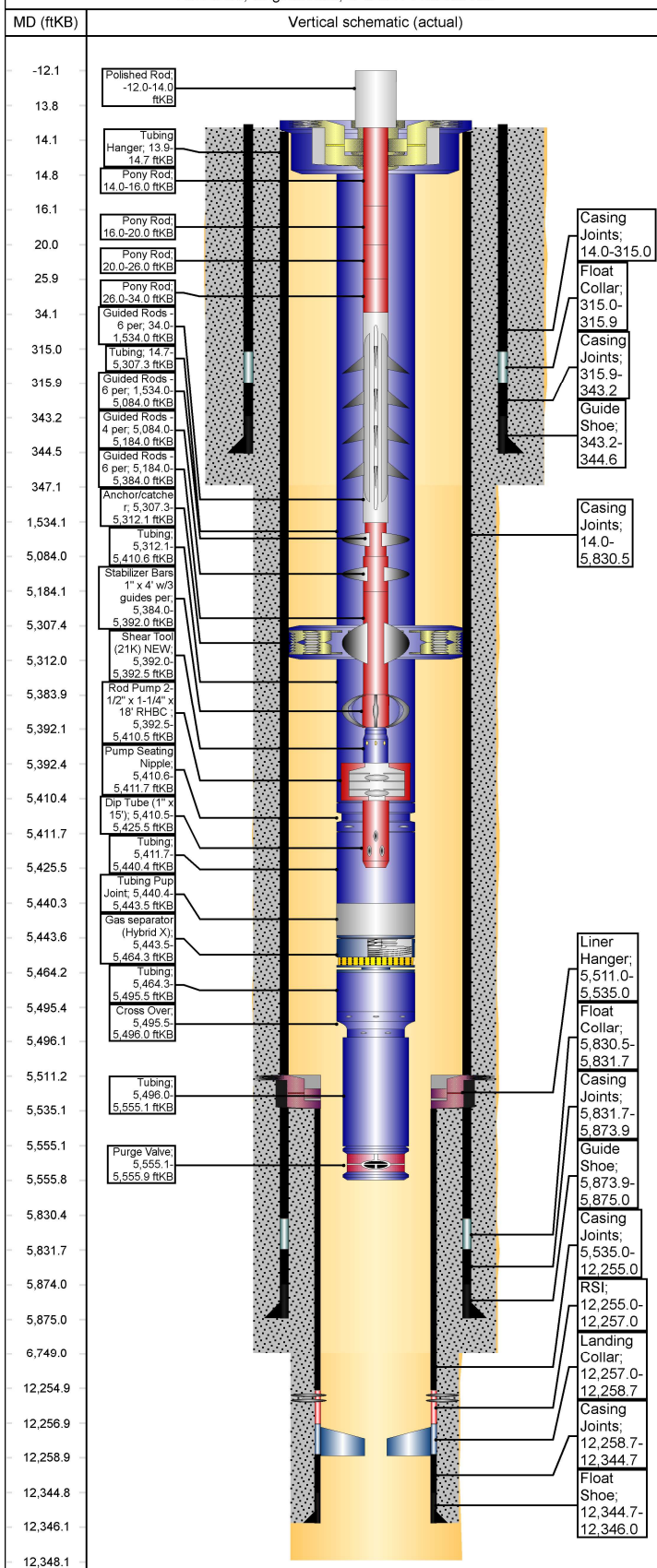
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Liner Hanger		6 3/8	4.00		P-110	24.00
Casing Joints	156	4 1/2	4.00	11.60	P-110	6,720.00
RSI		4 1/2	4.00	11.60	P-110	2.00
Landing Collar		4 1/2	4.00	11.60	P-110	1.75
Casing Joints	2	4 1/2	4.00	11.60	P-110	86.00
Float Shoe		4 1/2	4.00	11.60	P-110	1.25

INTERMEDIATE CASING, 5,875.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	23.00	J-55	14.0	5,875.0		6.37

WellView®**Wellbore Schematic - Components and Cement****Well Name:** Lybrook 2206-05A 436H (fka Chaco)

Horizontal, Original Hole, 1/4/2024 11:02:00 AM

**Casing Components**

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	138	7	6.37	23.00	J-55	5,816.50
Float Collar	1	7	6.37	23.00	J-55	1.20
Casing Joints	1	7	6.37	23.00	J-55	42.17
Guide Shoe	1	7	6.37	23.00	J-55	1.10

SURFACE CASING, 344.6ftKB

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	14.0	344.6		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	301.09
Float Collar	1	9 5/8	8.92	36.00	J-55	0.90
Casing Joints	2	9 5/8	8.92	36.00	J-55	27.23
Guide Shoe	1	9 5/8	8.92	36.00	J-55	1.42

Cement**Surface Cement, Casing, 7/25/2014 15:00**

Description	String	Cementing Start Date	Cementing End Date
Surface Cement	SURFACE CASING, 344.6ftKB	7/25/2014 15:00	7/25/2014 16:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	347.0	101 sx cmt

Intermediate Cement, Casing, 8/24/2014 16:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Cement	INTERMEDIATE CASING, 5,875.0ftKB	8/24/2014 16:00	8/24/2014 20:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	5,875.0	740 sx cmt

Production Cement, Casing, 9/3/2014 16:00

Description	String	Cementing Start Date	Cementing End Date
Production Cement	PRODUCTION LINER, 12,346.0ftKB	9/3/2014 16:00	9/3/2014 20:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,535.0	12,346.0	500 sx cmt

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	14.0	347.0
INTERMEDIATE	8 3/4	347.0	6,749.0
PRODUCTION	6.12	6,749.0	12,348.0

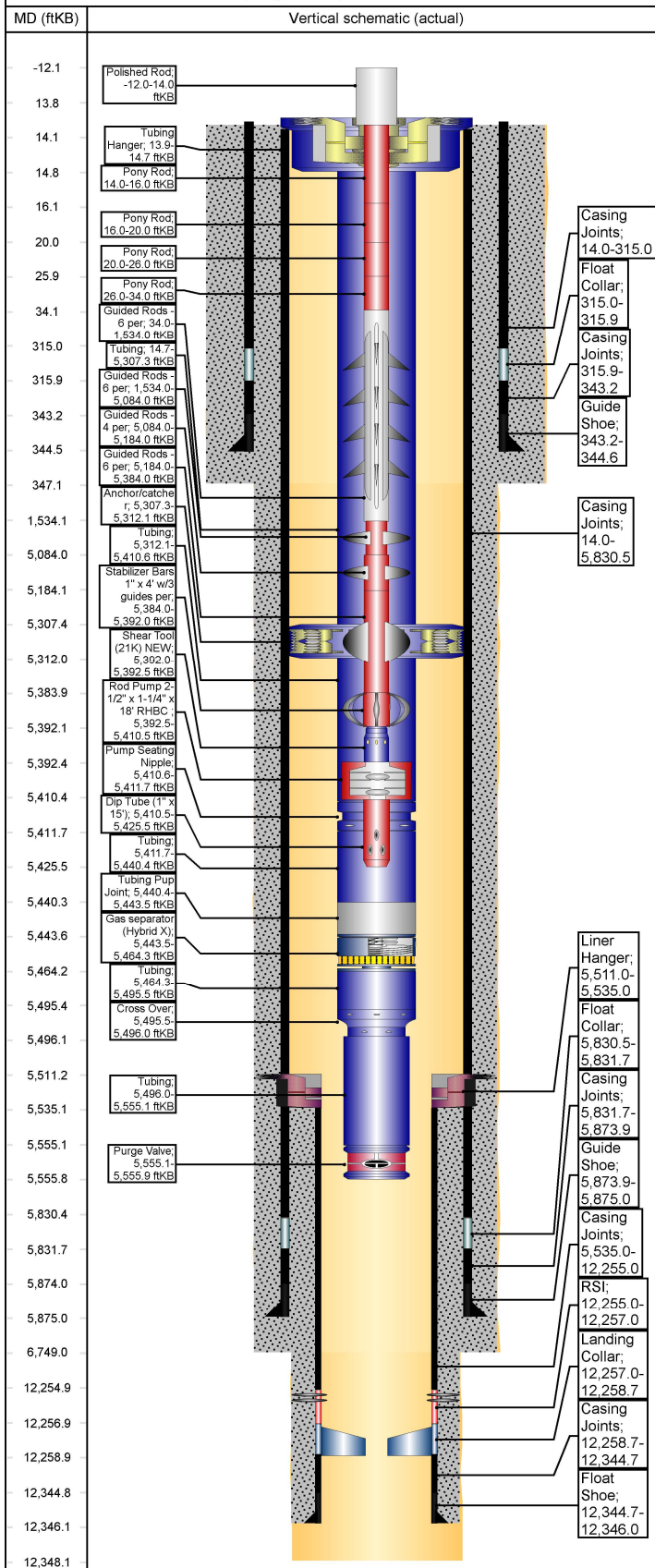


Wellbore Schematic - Components and Cement

Well Name: Lybrook 2206-05A 436H (fka Chaco)

API/UWI 30-043-21226		County SANDOVAL		State/Province NEW MEXICO		Surface Legal Location (Unit A) Section 05, Twp 22N, Rng 06W, NMPM	
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Horizontal, Original Hole, 1/4/2024 11:01:58 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 String on 12/22/2023 16:45

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
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142	Guided Rods - 6 per	3/4	3,550.00	1,534.0	5,084.0
4	Guided Rods - 4 per	7/8	100.00	5,084.0	5,184.0
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Tubing Strings

Tubing - Production set at 5,555.9ftKB on 8/16/2021 14:00

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1	Tubing	2 7/8	31.20	5,464.3	5,495.5	J-55	6.50
	Cross Over	2 7/8	0.50	5,495.5	5,496.0		
2	Tubing	2 3/8	59.11	5,496.0	5,555.1	J-55	4.70
	Purge Valve	2 3/8	0.79	5,555.1	5,555.9		

Casing Strings

PRODUCTION LINER, 12,346.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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Casing Components

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Casing Joints	156	4 1/2	4.00	11.60	P-110	6,720.00
RSI		4 1/2	4.00	11.60	P-110	2.00
Landing Collar		4 1/2	4.00	11.60	P-110	1.75
Casing Joints	2	4 1/2	4.00	11.60	P-110	86.00
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INTERMEDIATE CASING, 5,875.0ftKB

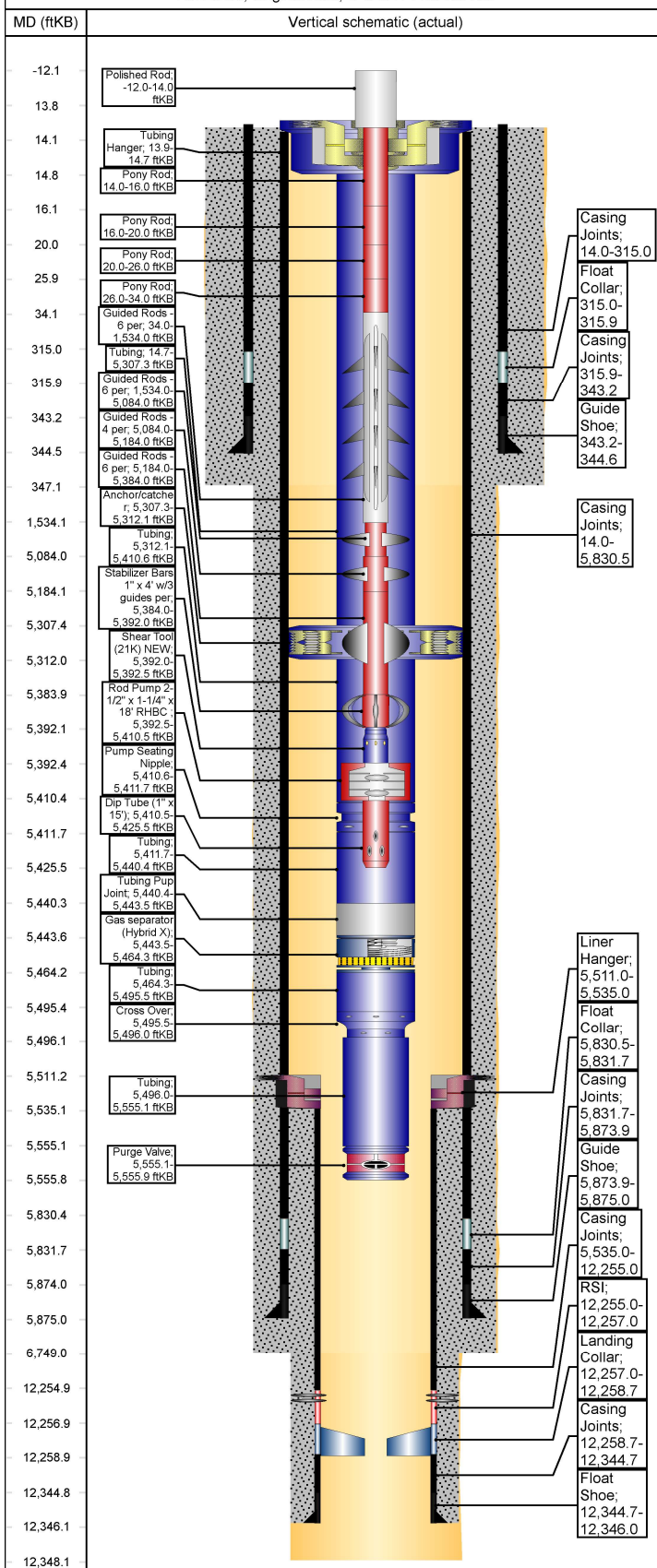
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	23.00	J-55	14.0	5,875.0		6.37

WellView®

Wellbore Schematic - Components and Cement

Well Name: Lybrook 2206-05A 436H (fka Chaco)

Horizontal, Original Hole, 1/4/2024 11:02:00 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	138	7	6.37	23.00	J-55	5,816.50
Float Collar	1	7	6.37	23.00	J-55	1.20
Casing Joints	1	7	6.37	23.00	J-55	42.17
Guide Shoe	1	7	6.37	23.00	J-55	1.10

SURFACE CASING, 344.6ftKB

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	14.0	344.6		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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Float Collar	1	9 5/8	8.92	36.00	J-55	0.90
Casing Joints	2	9 5/8	8.92	36.00	J-55	27.23
Guide Shoe	1	9 5/8	8.92	36.00	J-55	1.42

Cement

Surface Cement, Casing, 7/25/2014 15:00

Description	String	Cementing Start Date	Cementing End Date
Surface Cement	SURFACE CASING, 344.6ftKB	7/25/2014 15:00	7/25/2014 16:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	347.0	101 sx cmt

Intermediate Cement, Casing, 8/24/2014 16:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Cement	INTERMEDIATE CASING, 5,875.0ftKB	8/24/2014 16:00	8/24/2014 20:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	5,875.0	740 sx cmt

Production Cement, Casing, 9/3/2014 16:00

Description	String	Cementing Start Date	Cementing End Date
Production Cement	PRODUCTION LINER, 12,346.0ftKB	9/3/2014 16:00	9/3/2014 20:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,535.0	12,346.0	500 sx cmt

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	14.0	347.0
INTERMEDIATE	8 3/4	347.0	6,749.0
PRODUCTION	6.12	6,749.0	12,348.0

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 308290

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 308290
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/3/2025