

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.	NMSF078362
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. NMNM132829
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. NE LYBROOK COM/168H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3003931173
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740	3b. Phone No. (include area code) (505) 497-8574	10. Field and Pool or Exploratory Area CHACO UNIT NE HZ/CHACO UNIT NE HZ
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 12/T23N/R7W/NMP		11. Country or Parish, State RIO ARRIBA/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: 5,545 MD
Seat Nipple Top: 5,395 MD
Tubing Pump btm: 5,544 MD
Job Start: 12.6.2023
Job End: 12.7.2023

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 12/20/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted	Title Petroleum Engineer	Date 12/20/2023
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: SWNW / 1492 FNL / 303 FWL / TWSP: 23N / RANGE: 7W / SECTION: 12 / LAT: 36.24283 / LONG: -107.53521 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 340 FNL / 340 FEL / TWSP: 23N / RANGE: 7W / SECTION: 11 / LAT: 36.24605 / LONG: -107.5375 (TVD: 0 feet, MD: 0 feet)

BHL: NWNW / 563 FNL / 379 FWL / TWSP: 23N / RANGE: 7W / SECTION: 11 / LAT: 36.2465 / LONG: -107.5525 (TVD: 0 feet, MD: 0 feet)

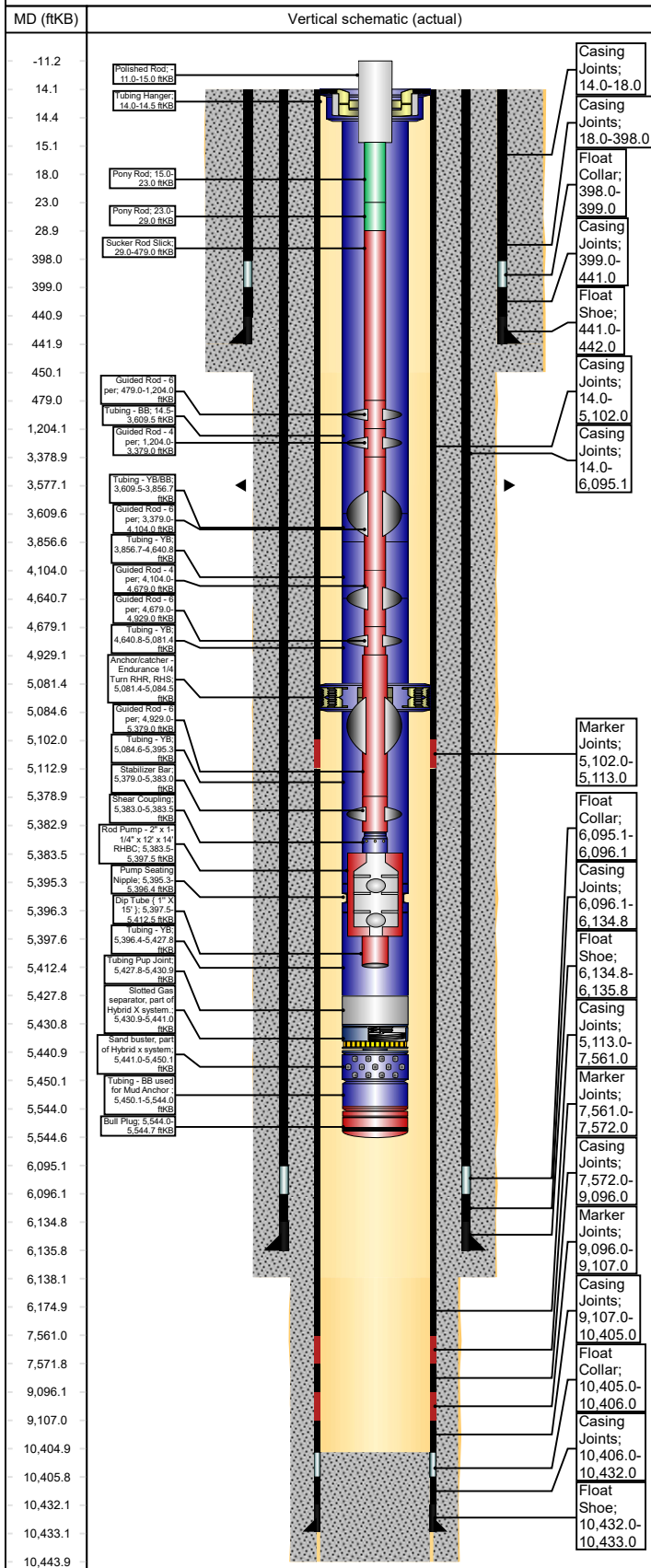


Wellbore Schematic - Components and Cement

Well Name: NE LYBROOK COM 168H (fka Chaco)

API/UWI 30-039-31173		County SANDOVAL	State/Province NEW MEXICO	Surface Legal Location SW/4, NW/4, Section 11 (Unit D), Twp 23N, Rng 07W, NMPM		
Spud Date 5/10/2013	On Production Date 7/30/2013	Abandon Date	Ground Elevation (ft) 7,036.01	Original KB Elevation (ft) 7,050.01	Total Depth (All) (ftKB) Pilot Hole - 6,175.0; Sidetrack - Production - 10,444.0	PBTD (All) (ftKB)

Horizontal, Sidetrack - Production, 12/14/2023 2:49:19 PM



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 12/7/2023 16:45

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Rod String		5,423.50	5,412.5	12/7/2023	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
	Polished Rod	1 1/4	26.00	-11.0	15.0
1	Pony Rod	3/4	8.00	15.0	23.0
1	Pony Rod	3/4	6.00	23.0	29.0
18	Sucker Rod Slick	3/4	450.00	29.0	479.0
29	Guided Rod - 6 per	3/4	725.00	479.0	1,204.0
87	Guided Rod - 4 per	3/4	2,175.00	1,204.0	3,379.0
29	Guided Rod - 6 per	3/4	725.00	3,379.0	4,104.0
23	Guided Rod - 4 per	3/4	575.00	4,104.0	4,679.0
10	Guided Rod - 6 per	3/4	250.00	4,679.0	4,929.0
18	Guided Rod - 6 per	7/8	450.00	4,929.0	5,379.0
1	Stabilizer Bar	7/8	4.00	5,379.0	5,383.0
1	Shear Coupling	7/8	0.50	5,383.0	5,383.5
1	Rod Pump - 2" x 1-1/4" x 12' x 14' RHBC	2	14.00	5,383.5	5,397.5
1	Dip Tube { 1" X 15' }	1	15.00	5,397.5	5,412.5

Tubing Strings

Tubing - Production set at 5,544.7ftKB on 12/7/2023 13:00

Tubing Description		Len (ft)	Set Depth (f...	Run Date	Cut/Pull Date	Depth C...	
Tubing - Production		5,530.71	5,544.7	12/7/2023			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	4	0.50	14.0	14.5	J-55	
11	Tubing - BB	2 3/8	3,595.0	14.5	3,609.5	J-55	4.70
8	Tubing - YB/BB	2 3/8	247.21	3,609.5	3,856.7	J-55	4.70
25	Tubing - YB	2 3/8	784.07	3,856.7	4,640.8	J-55	4.70
14	Tubing - YB	2 3/8	440.65	4,640.8	5,081.5	J-55	4.70
1	Anchor/catcher - Endurance 1/4 Turn RHR, RHS	4	3.10	5,081.5	5,084.6		
10	Tubing - YB	2 3/8	310.76	5,084.6	5,395.3	J-55	4.70
1	Pump Seating Nipple	2 3/8	1.10	5,395.3	5,396.4	J-55	4.70
1	Tubing - YB	2 3/8	31.40	5,396.4	5,427.8	J-55	4.70
1	Tubing Pup Joint	2 3/8	3.10	5,427.8	5,430.9	J-55	4.70
1	Slotted Gas separator, part of Hybrid X system.	2 3/8	10.10	5,430.9	5,441.0		
1	Sand buster, part of Hybrid x system	2 3/8	9.10	5,441.0	5,450.1		
3	Tubing - BB used for Mud Anchor	2 3/8	93.90	5,450.1	5,544.0	L-80	4.70
1	Bull Plug	2 3/8	0.70	5,544.0	5,544.7		

Casing Strings

Production Casing, 10,433.0ftKB

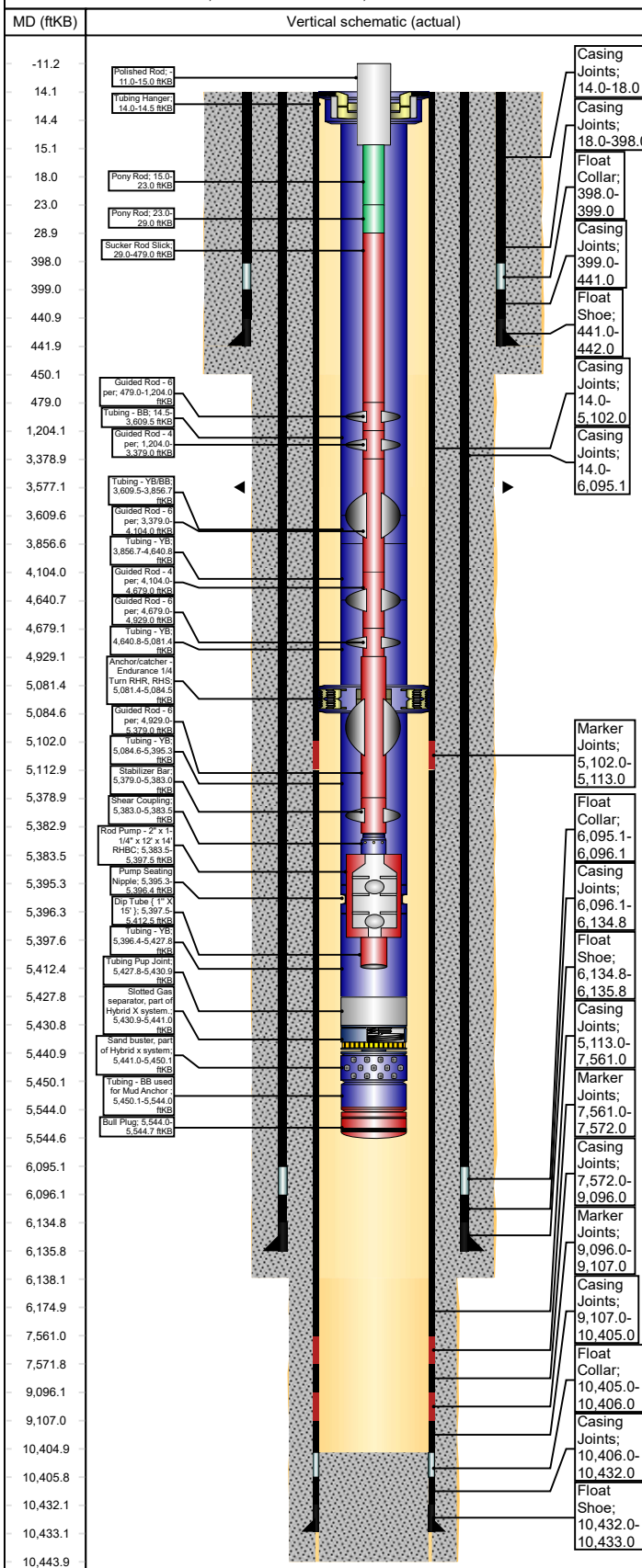
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Casing	4 1/2	11.60	N-80	14.0	10,433.0		4.00

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	133	4 1/2	4.00	11.60	N-80	5,088.00
Marker Joints	1	4 1/2	4.00	11.60	N-80	11.00
Casing Joints	64	4 1/2	4.00	11.60	N-80	2,448.00
Marker Joints	1	4 1/2	4.00	11.60	N-80	11.00
Casing Joints	40	4 1/2	4.00	11.60	N-80	1,524.00

Well Name: NE LYBROOK COM 168H (fka Chaco)

Horizontal, Sidetrack - Production, 12/14/2023 2:49:20 PM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joints	1	4 1/2	4.00	11.60	N-80	11.00
Casing Joints	34	4 1/2	4.00	11.60	N-80	1,298.00
Float Collar		4 1/2	4.00	12.00	N-80	1.00
Casing Joints	1	4 1/2	4.00	11.60	N-80	26.00
Float Shoe		4 1/2	4.00	12.00	N-80	1.00

Intermediate Casing, 6,135.8ftKB

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	6,135.8		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	155	7	6.37	23.00	J-55	6,081.10
Float Collar		7	6.37		J-55	1.00
Casing Joints	1	7	6.37	23.00	J-55	38.70
Float Shoe		7	6.37		J-55	1.00

Surface Casing, 442.0ftKB

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	J-55	14.0	442.0		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	1	9 5/8	8.92	36.00	J-55	4.00
Casing Joints	9	9 5/8	8.92	36.00	J-55	380.00
Float Collar	1	9 5/8	9.00	36.00	HOWC O	1.00
Casing Joints	1	9 5/8	8.92	36.00	J-55	42.00
Float Shoe	1	9 5/8	9.00	36.00	HOWC O	1.00

Cement

Surface Casing Cement, Casing, 5/11/2013 00:30

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface Casing, 442.0ftKB	5/11/2013 00:30	5/11/2013 06:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	442.0	225 sx (298 cu ft) cmt

Cement Plug, Plug, 5/27/2013 22:00

Description	String	Cementing Start Date	Cementing End Date
Cement Plug	Pilot Hole	5/27/2013 22:00	5/28/2013 02:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	3,577.0	4,020.0	230 SKS, 230 CU FT, 41 BBLs, PREMIUM CLASS G CMT @ 17.0 PPG

Intermediate Casing Cement, Casing, 6/5/2013 10:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate Casing, 6,135.8ftKB	6/5/2013 10:00	6/5/2013 16:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	6,138.0	1035 xs (1440 cu ft) cmt

Production Casing Cement, Casing, 6/12/2013 11:00

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production Casing, 10,433.0ftKB	6/12/2013 11:00	6/12/2013 15:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	10,444.0	1.15 Yld)Lead = 250sx 50/50 POZ+0.2% Versaset+0.1% Halad-766+1.5% Chem-Foamer (63.7 Bbl,357cuft) (13ppg,1.43 Yld) Tail = 100sx 50/50 Poz +0.2% Versaset+0.05%

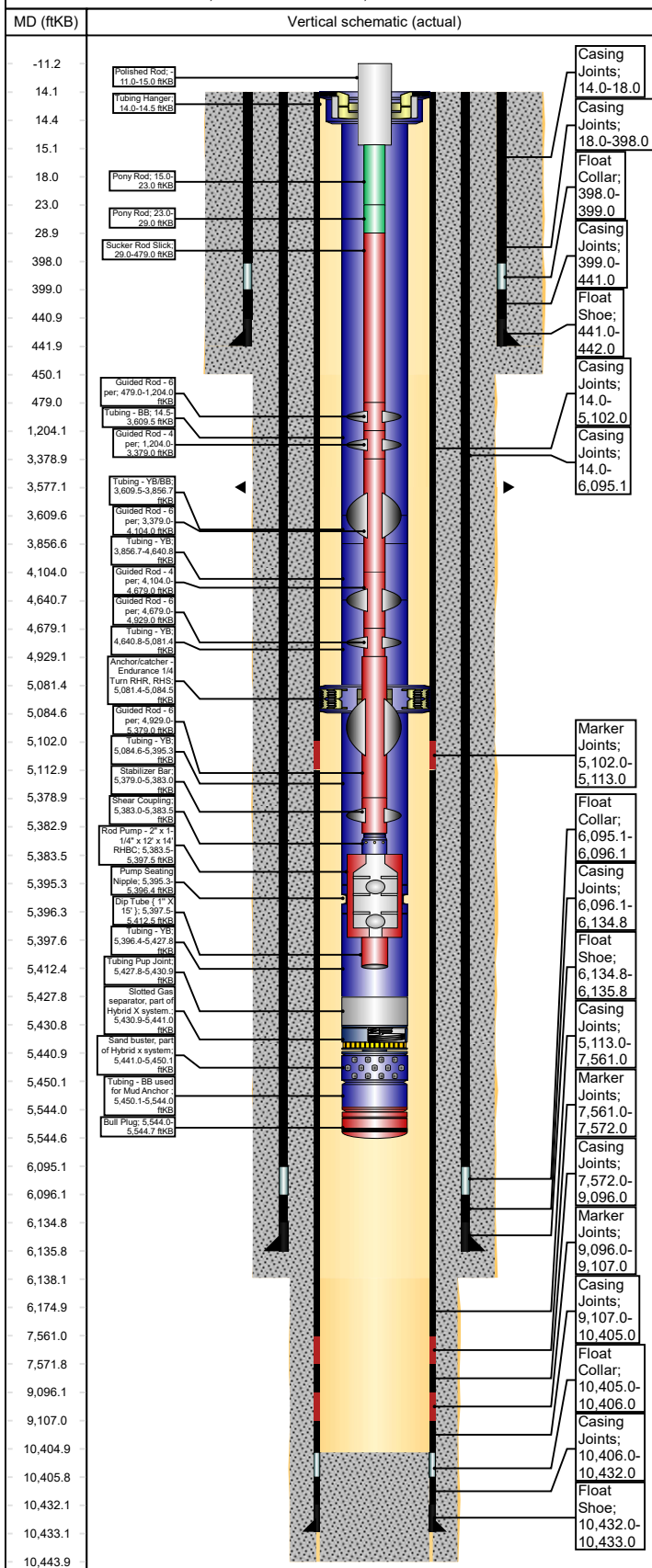
Wellbores

Sidetrack - Production

Wellbore Name	Parent Wellbore
Sidetrack - Production	Pilot Hole

WellView®**Wellbore Schematic - Components and Cement****Well Name: NE LYBROOK COM 168H (fka Chaco)**

Horizontal, Sidetrack - Production, 12/14/2023 2:49:20 PM

**Wellbore Sections**

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Intermediate Hole	8 3/4	3,577.0	6,138.0
Production Hole	6 1/8	6,138.0	10,444.0

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 296691

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 296691
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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