

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/177H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3003931252
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 6/T23N/R6W/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 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 wellbore cleanout and tubing reconfiguration. An updated well schematic is attached.

EOT: 6,078 MD

Packer Top: 5,908 MD

GLVs: Pilot Pocket Style top 5901 MD

Orifice Valve: none

Job Start: 12/27/2023

Job End: 1/3/2024

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 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: NWNW / 1132 FNL / 755 FWL / TWSP: 23N / RANGE: 6W / SECTION: 6 / LAT: 36.25754 / LONG: -107.51676 (TVD: 0 feet, MD: 0 feet)

PPP: SWNW / 1474 FNL / 523 FWL / TWSP: 23N / RANGE: 6W / SECTION: 6 / LAT: 36.2566 / LONG: -107.51753 (TVD: 0 feet, MD: 0 feet)

BHL: SWNW / 1348 FNL / 230 FWL / TWSP: 23N / RANGE: 7W / SECTION: 1 / LAT: 36.25752 / LONG: -107.53588 (TVD: 0 feet, MD: 0 feet)

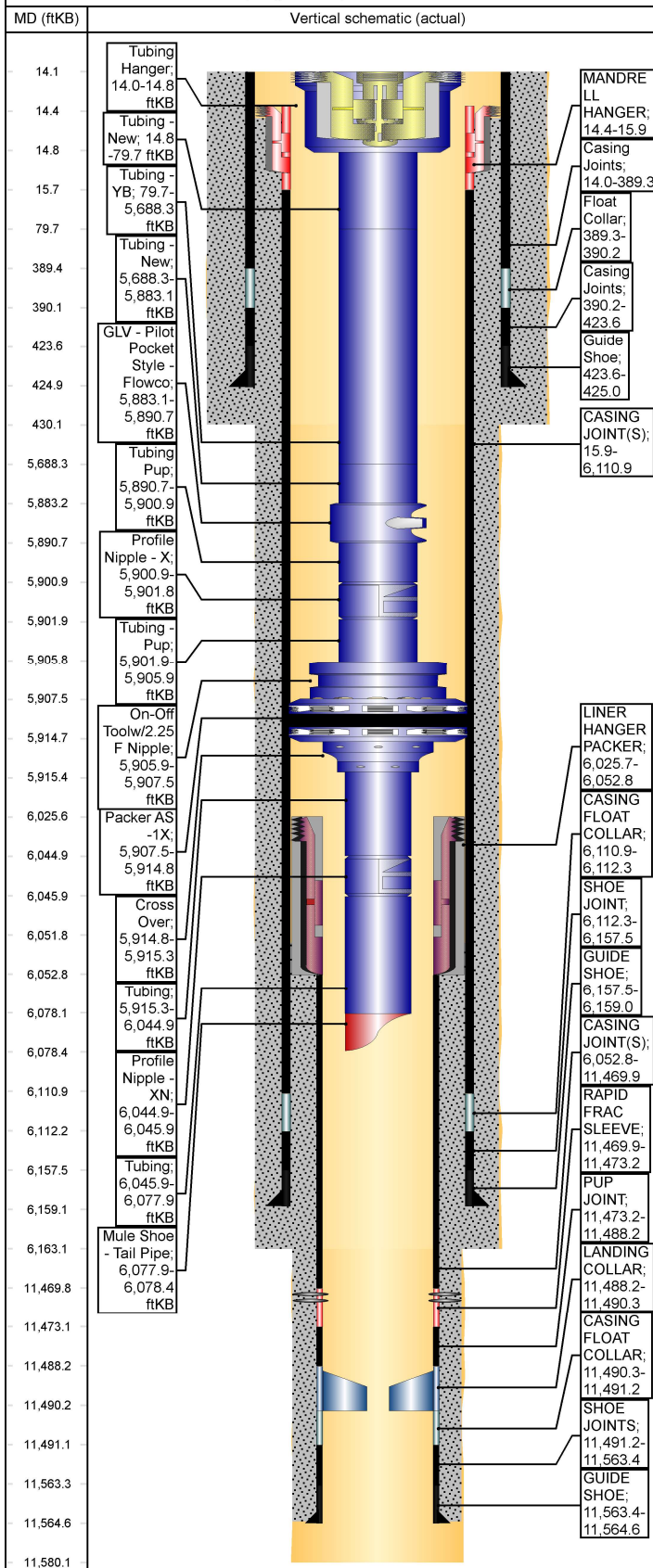


Wellbore Schematic - Components and Cement

Well Name: NE LYBROOK COM 177H (FKA Chaco)

API/UWI 30-039-31252		County RIO ARRIBA		State/Province NEW MEXICO		Surface Legal Location (Unit D) NW/4, NW/4, Section 06, Twp 23N, Rng 06W, NMPM	
Spud Date 10/22/2014	On Production Date 12/22/2014	Abandon Date	Ground Elevation (ft) 6,982.01	Original KB Elevation (ft) 6,996.01	Total Depth (All) (ftKB) Original Hole - 11,580.0	PBTD (All) (ftKB)	

Horizontal, Original Hole, 1/4/2024 11:54:40 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)	Grade	Wt (lb/ft)
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Tubing Strings

Tubing - Production set at 6,078.4ftKB on 1/3/2024 14:00

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
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1	Tubing Hanger	6	0.80	14.0	14.8		
2	Tubing - New	2 7/8	64.90	14.8	79.7	J-55	6.50
17	Tubing - YB	2 7/8	5,608.5	79.7	5,688.3	J-55	6.50
2			8				
6	Tubing - New	2 7/8	194.88	5,688.3	5,883.2	J-55	6.50
1	GLV - Pilot Pocket Style - Flowco	3 1/2	7.55	5,883.2	5,890.7		
1	Tubing Pup	2 7/8	10.20	5,890.7	5,900.9	J-55	6.50
1	Profile Nipple - X	2 7/8	0.95	5,900.9	5,901.9	J-55	
1	Tubing - Pup	2 7/8	4.10	5,901.9	5,906.0	J-55	6.50
1	On-Off Toolw/2.25 F Nipple	5	1.60	5,906.0	5,907.6		
1	Packer AS-1X	6 1/2	7.21	5,907.6	5,914.8		
1	Cross Over	4	0.50	5,914.8	5,915.3		
4	Tubing	2 3/8	129.64	5,915.3	6,044.9	J-55	4.70
1	Profile Nipple - XN	2 3/8	1.05	6,044.9	6,046.0	J-55	4.70
1	Tubing	2 3/8	32.00	6,046.0	6,078.0	J-55	4.70
	Mule Shoe - Tail Pipe	2 3/8	0.45	6,078.0	6,078.4	J-55	4.70

Casing Strings

LINER TIEBACK, 6,025.7ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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LINER TIEBACK	4 1/2	11.60	P-110	0.0	6,025.7		4.00
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Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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Casing Joints	118	4 1/2	4.00	11.60	P-110	4,496.00
Marker Joint	1	4 1/2	4.00	11.60	P-110	20.00
Casing Joints	39	4 1/2	4.00	11.60	P-110	1,485.00
No-Go Sub		4 1/2	3.00			1.70
Seal Assembly		5 1/2	3.50			23.00

PRODUCTION LINER #1, 11,564.6ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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PRODUCTION LINER #1	4 1/2	11.60	N-80	6,025.7	11,564.6		4.00
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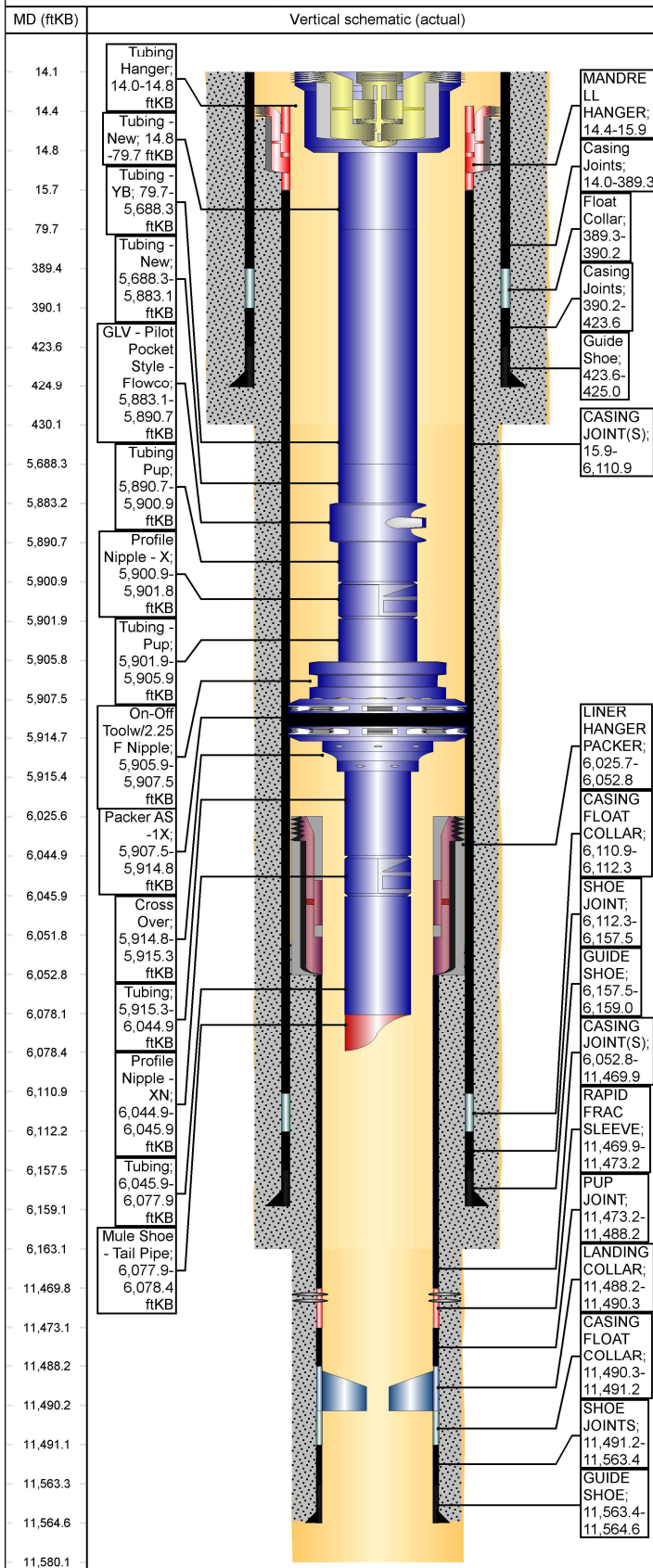
Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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LINER HANGER PACKER	1	6 1/4	4.00	11.60		27.16
CASING JOINT(S)	149	4 1/2	4.00	11.60	N-80	5,417.01
RAPID FRAC SLEEVE	1	4 1/2	4.00	11.60		3.35
PUP JOINT	1	4 1/2	4.00	11.60	N-80	15.00
LANDING COLLAR	1	4 1/2	4.00	11.60		2.08
CASING FLOAT COLLAR	1	4 1/2	4.00	11.60		0.90
SHOE JOINTS	2	4 1/2	4.00	11.60	N-80	72.20
GUIDE SHOE	1	4 1/2	4.00	11.60		1.25

Well Name: NE LYBROOK COM 177H (FKA Chaco)

Horizontal, Original Hole, 1/4/2024 11:54:42 AM



Casing Strings

INTERMEDIATE CASING, 6,159.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	24.00	J-55	14.4	6,159.0		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
MANDRELL HANGER	1	7	6.37	24.00	J-55	1.50
CASING JOINT(S)	136	7	6.37	24.00	J-55	6,095.06
CASING FLOAT COLLAR	1	7	6.37	24.00	J-55	1.35
SHOE JOINT	1	7	6.37	24.00	J-55	45.20
GUIDE SHOE	1	7	6.37	24.00	J-55	1.50

SURFACE CASING, 425.0ftKB

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	425.0		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	12	9 5/8	8.92	36.00	J-55	375.30
Float Collar	1	9 5/8	8.92			0.90
Casing Joints	1	9 5/8	8.92	36.00	J-55	33.33
Guide Shoe	1	9 5/8	8.92			1.42

Cement

SURFACE CASING CEMENT, Casing, 10/7/2014 14:00

Description	String	Cementing Start Date	Cementing End Date
SURFACE CASING CEMENT	SURFACE CASING, 425.0ftKB	10/7/2014 14:00	10/7/2014 15:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	425.0	

INTERMEDIATE CASING CEMENT, Casing, 10/29/2014 04:49

Description	String	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING CEMENT	INTERMEDIATE CASING, 6,159.0ftKB	10/29/2014 04:49	10/29/2014 07:40

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.5	6,159.0	

PRODUCTION LINER #1 CEMENT, Casing, 11/3/2014 05:23

Description	String	Cementing Start Date	Cementing End Date
PRODUCTION LINER #1 CEMENT	PRODUCTION LINER #1, 11,564.6ftKB	11/3/2014 05:23	11/3/2014 08:09

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	6,052.0	11,564.6	

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	430.0
INTERMEDIATE	8 3/4	430.0	6,163.0
PRODUCTION	6 1/8	6,163.0	11,580.0

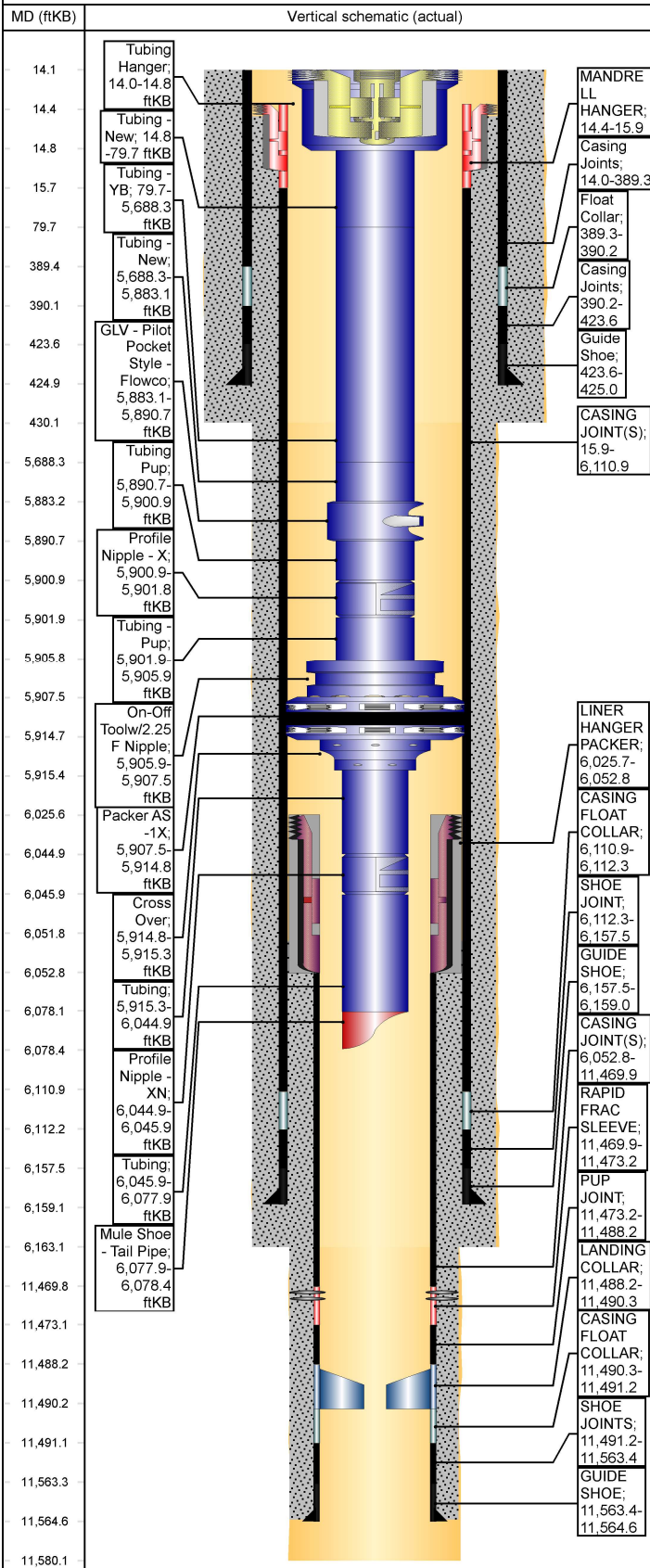
WellView®

Wellbore Schematic - Components and Cement

Well Name: NE LYBROOK COM 177H (FKA Chaco)

API/UWI 30-039-31252		County RIO ARRIBA		State/Province NEW MEXICO		Surface Legal Location (Unit D) NW/4, NW/4, Section 06, Twp 23N, Rng 06W, NMPM	
Spud Date 10/22/2014	On Production Date 12/22/2014	Abandon Date		Ground Elevation (ft) 6,982.01	Original KB Elevation (ft) 6,996.01	Total Depth (All) (ftKB) Original Hole - 11,580.0	PBTD (All) (ftKB)

Horizontal, Original Hole, 1/4/2024 11:54:40 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)	Grade	Wt (lb/ft)
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Tubing Strings

Tubing - Production set at 6,078.4ftKB on 1/3/2024 14:00

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
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Tubing - Production	6,064.41	6,078.4	1/3/2024		
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
	Tubing Hanger	6	0.80	14.0	14.8		
2	Tubing - New	2 7/8	64.90	14.8	79.7	J-55	6.50
17	Tubing - YB	2 7/8	5,608.5	79.7	5,688.3	J-55	6.50
2			8				
6	Tubing - New	2 7/8	194.88	5,688.3	5,883.2	J-55	6.50
1	GLV - Pilot Pocket Style - Flowco	3 1/2	7.55	5,883.2	5,890.7		
1	Tubing Pup	2 7/8	10.20	5,890.7	5,900.9	J-55	6.50
1	Profile Nipple - X	2 7/8	0.95	5,900.9	5,901.9	J-55	
1	Tubing - Pup	2 7/8	4.10	5,901.9	5,906.0	J-55	6.50
1	On-Off Toolw/2.25 F Nipple	5	1.60	5,906.0	5,907.6		
1	Packer AS-1X	6 1/2	7.21	5,907.6	5,914.8		
1	Cross Over	4	0.50	5,914.8	5,915.3		
4	Tubing	2 3/8	129.64	5,915.3	6,044.9	J-55	4.70
1	Profile Nipple - XN	2 3/8	1.05	6,044.9	6,046.0	J-55	4.70
1	Tubing	2 3/8	32.00	6,046.0	6,078.0	J-55	4.70
	Mule Shoe - Tail Pipe	2 3/8	0.45	6,078.0	6,078.4	J-55	4.70

Casing Strings

LINER TIEBACK, 6,025.7ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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LINER TIEBACK	4 1/2	11.60	P-110	0.0	6,025.7		4.00
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Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	118	4 1/2	4.00	11.60	P-110	4,496.00
Marker Joint	1	4 1/2	4.00	11.60	P-110	20.00
Casing Joints	39	4 1/2	4.00	11.60	P-110	1,485.00
No-Go Sub		4 1/2	3.00			1.70
Seal Assembly		5 1/2	3.50			23.00

PRODUCTION LINER #1, 11,564.6ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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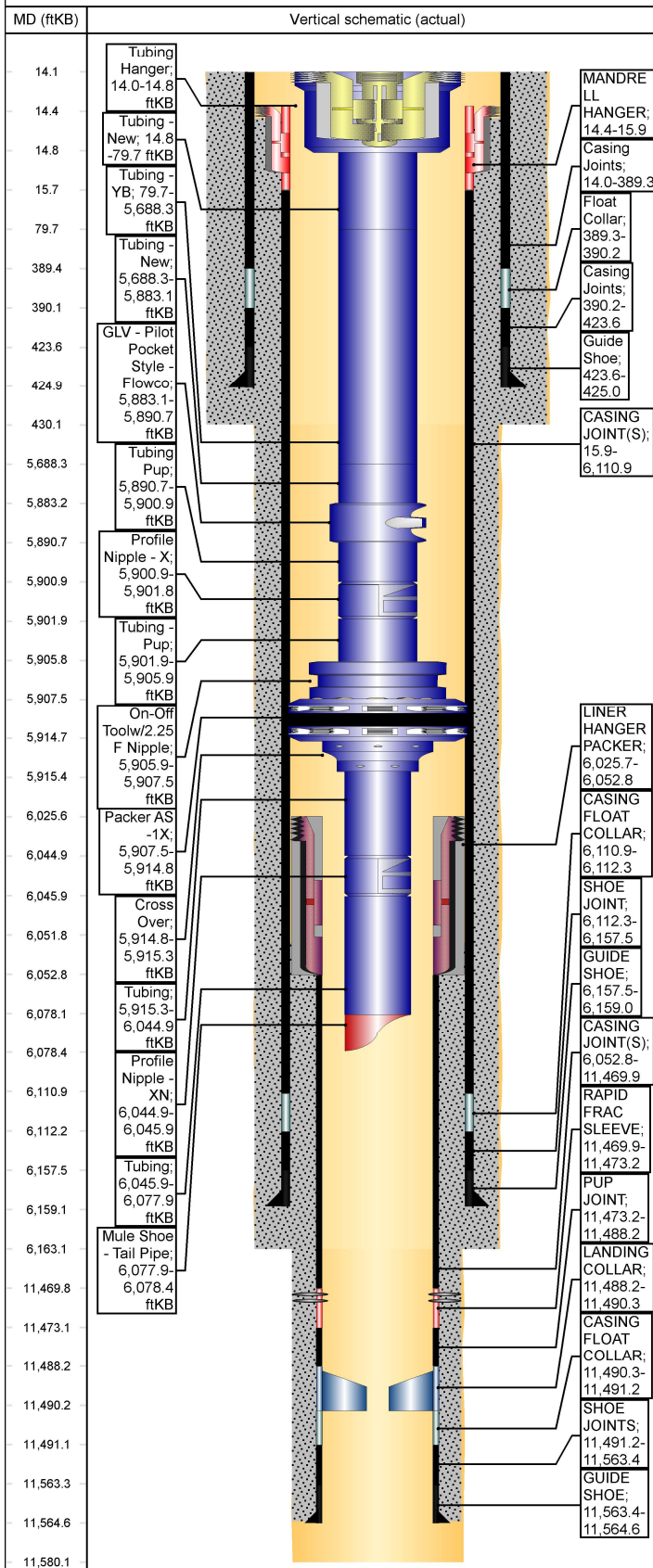
PRODUCTION LINER #1	4 1/2	11.60	N-80	6,025.7	11,564.6		4.00
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Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
LINER HANGER PACKER	1	6 1/4	4.00	11.60		27.16
CASING JOINT(S)	149	4 1/2	4.00	11.60	N-80	5,417.01
RAPID FRAC SLEEVE	1	4 1/2	4.00	11.60		3.35
PUP JOINT	1	4 1/2	4.00	11.60	N-80	15.00
LANDING COLLAR	1	4 1/2	4.00	11.60		2.08
CASING FLOAT COLLAR	1	4 1/2	4.00	11.60		0.90
SHOE JOINTS	2	4 1/2	4.00	11.60	N-80	72.20
GUIDE SHOE	1	4 1/2	4.00	11.60		1.25

Well Name: NE LYBROOK COM 177H (FKA Chaco)

Horizontal, Original Hole, 1/4/2024 11:54:42 AM



Casing Strings

INTERMEDIATE CASING, 6,159.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	24.00	J-55	14.4	6,159.0		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
MANDRELL HANGER	1	7	6.37	24.00	J-55	1.50
CASING JOINT(S)	136	7	6.37	24.00	J-55	6,095.06
CASING FLOAT COLLAR	1	7	6.37	24.00	J-55	1.35
SHOE JOINT	1	7	6.37	24.00	J-55	45.20
GUIDE SHOE	1	7	6.37	24.00	J-55	1.50

SURFACE CASING, 425.0ftKB

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	425.0		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	12	9 5/8	8.92	36.00	J-55	375.30
Float Collar	1	9 5/8	8.92			0.90
Casing Joints	1	9 5/8	8.92	36.00	J-55	33.33
Guide Shoe	1	9 5/8	8.92			1.42

Cement

SURFACE CASING CEMENT, Casing, 10/7/2014 14:00

Description	String	Cementing Start Date	Cementing End Date
SURFACE CASING CEMENT	SURFACE CASING, 425.0ftKB	10/7/2014 14:00	10/7/2014 15:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	425.0	

INTERMEDIATE CASING CEMENT, Casing, 10/29/2014 04:49

Description	String	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING CEMENT	INTERMEDIATE CASING, 6,159.0ftKB	10/29/2014 04:49	10/29/2014 07:40

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.5	6,159.0	

PRODUCTION LINER #1 CEMENT, Casing, 11/3/2014 05:23

Description	String	Cementing Start Date	Cementing End Date
PRODUCTION LINER #1 CEMENT	PRODUCTION LINER #1, 11,564.6ftKB	11/3/2014 05:23	11/3/2014 08:09

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	6,052.0	11,564.6	

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	430.0
INTERMEDIATE	8 3/4	430.0	6,163.0
PRODUCTION	6 1/8	6,163.0	11,580.0

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 308292

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 308292
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/4/2025