

State of New Mexico
Energy, Minerals and Natural Resources

Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-043-21148

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

V09210

7. Lease Name or Unit Agreement Name

LYBROOK 2206-16A8. Well Number **221H**

9. OGRID Number

372286

10. Pool name or Wildcat

Lybrook Gallup

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Enduring Resources IV LLC

3. Address of Operator

200 Energy Court Farmington NM 87401

4. Well Location

Unit Letter A : 738' feet from the N line and 270' feet from the E lineSection: 16 Township: 22N Range: 6W NMPM County: SandovalUnit Letter D : 363' feet from the N line and 291' feet from the W lineSection: 16 Township: 22N Range: 6W

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

7148'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Enduring Resources performed a workover for a tubing repair – parted wireline. An updated well schematic is attached.

EOT: 5,776' MD
Packer Top: 5,573' MD
GLVs: 5,528' MD
Orifice Valve: None
Job Start: 7/23/2024
Job End: 7/25/2024

Spud Date: 7/23/13Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Heather HuntingtonTITLE Permitting Technican DATE 08/27/24Type or print name Heather Huntington E-mail address: hhuntington@enduringresources.com PHONE: (505) 636-9751

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

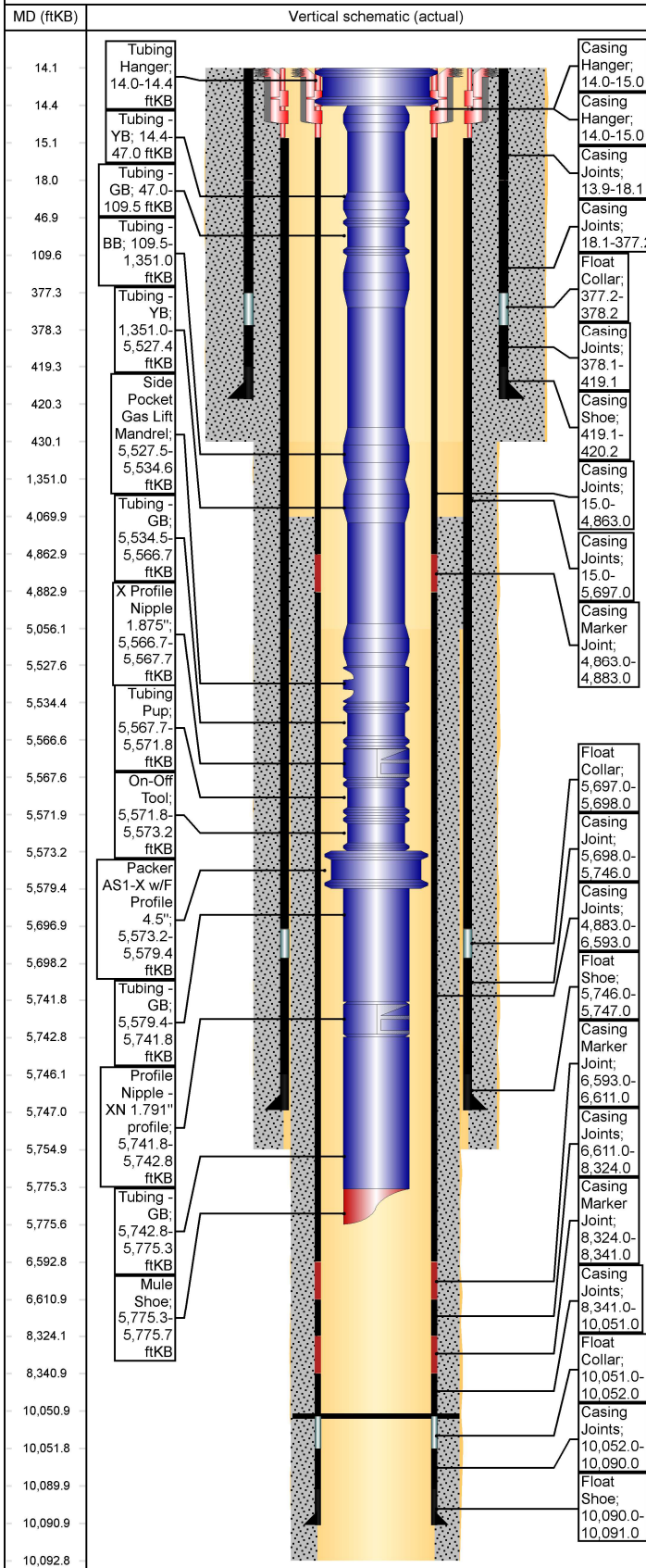


Wellbore Schematic - Components and Cement

Well Name: Lybrook 2206-16A 221H (fka Chaco)

API/UWI 30-043-21148		County SANDOVAL		State/Province NEW MEXICO		Surface Legal Location NE/4, NE/4, Section 16 (D), Twp 22N, Rng 06W, NMPM	
Spud Date 7/23/2013	On Production Date 2/19/2014	Abandon Date	Ground Elevation (ft) 7,148.01	Original KB Elevation (ft) 7,162.01	Total Depth (All) (ftKB) Original Hole - 10,093.0	PBTD (All) (ftKB) Original Hole - 10,051.0	

Horizontal, Original Hole, 8/19/2024 4:28:10 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

<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 5,775.7ftKB on 7/25/2024 09:30

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)
1	Tubing Hanger	4 1/2	0.45	14.0	14.5	J-55	
1	Tubing - YB	2 3/8	32.55	14.5	47.0	J-55	4.70
2	Tubing - GB	2 3/8	62.48	47.0	109.5	J-55	4.70
40	Tubing - BB	2 3/8	1,241.5	109.5	1,351.0	J-55	4.70
13	Tubing - YB	2 3/8	4,176.4	1,351.0	5,527.5	J-55	4.70
3	Side Pocket Gas Lift Mandrel	2 3/8	7.10	5,527.5	5,534.6	J-55	
1	Tubing - GB	2 3/8	32.20	5,534.6	5,566.8	J-55	4.70
1	X Profile Nipple 1.875"	2 3/8	0.95	5,566.8	5,567.7	J-55	4.70
1	Tubing Pup	2 3/8	4.10	5,567.7	5,571.8	J-55	4.70
1	On-Off Tool	2 3/8	1.45	5,571.8	5,573.3	P-110	
1	Packer AS1-X w/F Profile 4.5"	3 3/4	6.18	5,573.3	5,579.4	P-110	
5	Tubing - GB	2 3/8	162.40	5,579.4	5,741.8	J-55	4.70
1	Profile Nipple - XN 1.791" profile	2 3/8	0.95	5,741.8	5,742.8	L-80	4.70
1	Tubing - GB	2 3/8	32.50	5,742.8	5,775.3	J-55	4.70
1	Mule Shoe	2 3/8	0.45	5,775.3	5,775.7	J-55	4.70

Casing Strings

PRODUCTION CASING, 10,091.0ftKB

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	10,091.0		4.00

Casing Components

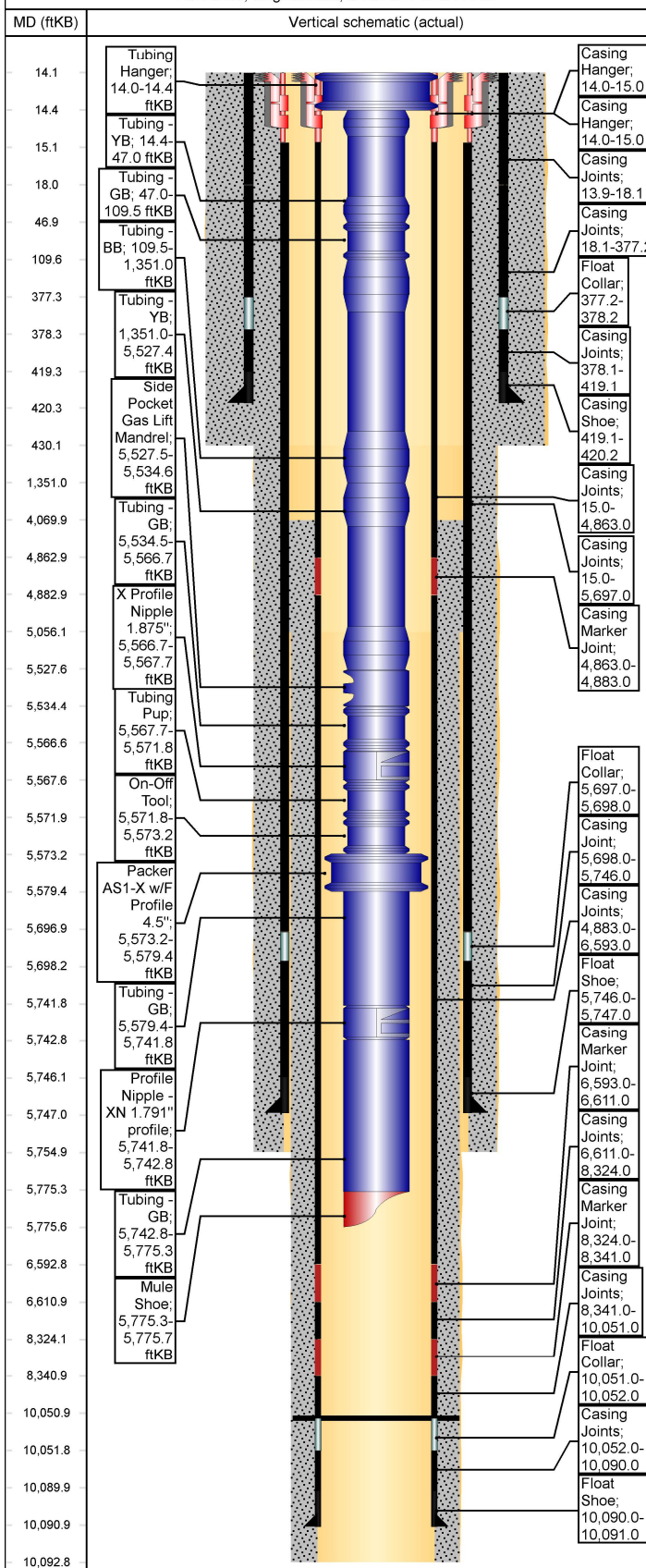
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger		4 1/2	4.00			1.00
Casing Joints	127	4 1/2	4.00	11.60	N-80	4,848.00
Casing Marker Joint	1	4 1/2	4.00	11.60	N-80	20.00
Casing Joints	45	4 1/2	4.00	11.60	N-80	1,710.00
Casing Marker Joint	1	4 1/2	4.00	11.60	N-80	18.00
Casing Joints	45	4 1/2	4.00	11.60	N-80	1,713.00
Casing Marker Joint	1	4 1/2	4.00	11.60	N-80	17.00
Casing Joints	45	4 1/2	4.00	11.60	N-80	1,710.00
Float Collar		4 1/2	4.00			1.00
Casing Joints	1	4 1/2	4.00	11.60	N-80	38.00
Float Shoe		4 1/2	4.00			1.00

INTERMEDIATE CASING, 5,747.0ftKB

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	5,747.0		6.37

Well Name: Lybrook 2206-16A 221H (fka Chaco)

Horizontal, Original Hole, 8/19/2024 4:28:11 PM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger		7				1.00
Casing Joints	130	7	6.37	23.00	J-55	5,682.00
Float Collar		7	6.37			1.00
Casing Joint	1	7	6.37	23.00	J-55	48.00
Float Shoe		7	6.37			1.00

SURFACE CASING, 420.2ftKB

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	420.2		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints		9 5/8	8.92	36.00	J-55	4.20
Casing Joints	9	9 5/8	8.92	36.00	J-55	359.00
Float Collar		9 5/8	8.92		K-55	1.00
Casing Joints	1	9 5/8	8.92	36.00	J-55	41.00
Casing Shoe		9 5/8	8.92		K-55	1.00

Cement

SURFACE CASING CEMENT, Casing, 7/24/2013 12:00

Description	String	Cementing Start Date	Cementing End Date
SURFACE CASING CEMENT	SURFACE CASING, 420.2ftKB	7/24/2013 12:00	7/24/2013 13:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	430.0	260 sx (54.5 bbl) Class G cmt

INTERMD CASING CEMENT, Casing, 8/1/2013 12:00

Description	String	Cementing Start Date	Cementing End Date
INTERMD CASING CEMENT	INTERMEDIATE CASING, 5,747.0ftKB	8/1/2013 12:00	8/2/2013 00:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	5,755.0	Lead: 595 sx (152.5 bbl) 50/50 POZ Tail: 100 sx (23 bbl) 50/50 POZ Cap: 100 sx (20.8 bbl) Class G

PROD CASING CEMENT, Casing, 8/7/2013 15:30

Description	String	Cementing Start Date	Cementing End Date
PROD CASING CEMENT	PRODUCTION CASING, 10,091.0ftKB	8/7/2013 15:30	8/7/2013 23:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,070.0	10,093.0	Record created to capture fluids from OpenWells that either had no stages recorded or no stages and no pumping schedule

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	14.0	430.0
INTERMEDIATE HOLE	8 3/4	430.0	5,755.0
PRODUCTION HOLE	6 1/8	5,056.0	10,093.0

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 378486

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 378486
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/4/2025