

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July, 2013

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 2206-16A
8. 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 line
 Section: 16 Township: 22N Range: 6W NMPM County: Sandoval
 Unit Letter D : 363' feet from the N line and 291' feet from the W line
 Section: 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 completed a workover on the subject well to repair the rod pump completion. An updated schematic is attached.

Job Start: **3/22/2022**
 Job End: **3/23/2022**
 EOT: 5245' MD
 SN: 5125' MD
 TAC: 4849' MD

Spud Date:

7/23/13

Rig Release Date:

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

SIGNATURE



TITLE Permit Tech

DATE 5/2/2022

Type or print name Heather Huntington E-mail address: hhuntington@enduringresources.com PHONE: (505) 636-9751

For State Use Only

APPROVED BY:  TITLE Program Coordinator I DATE 5/10/22

Conditions of Approval (if any):

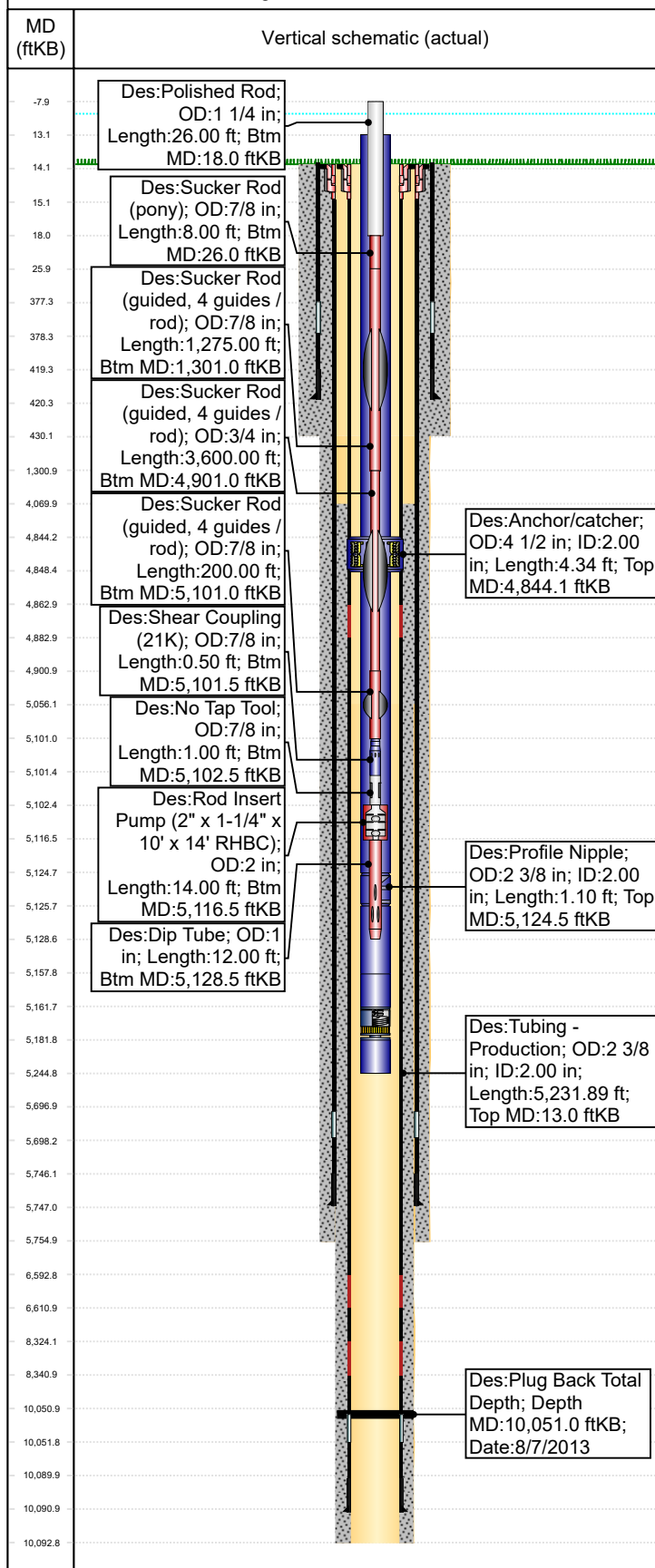


Enduring Resources IV - Production WBD

Well Name: CHACO 2206-16A 221H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21148	Surface Legal Location NE/4, NE/4, Section 16 (D), Twp 22N, Rn...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,162.01	KB-Tubing Head Distance (ft)	Spud Date 7/23/2013 08:00	Rig Release Date 8/7/2013 23:00	PBTD (All) (ftKB) Original Hole - 10,051.0	Total Depth All (TVD) (ftKB) Original Hole - 5,317.3

Horizontal, Original Hole, 4/26/2022 4:12:29 PM


Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE HOLE	12 1/4	14.0	14.0	430.0	430.0
INTERMEDIATE HOLE	8 3/4	430.0	430.0	5,755.0	5,392.0
PRODUCTION HOLE	6 1/8	5,056.0	5,009.8	10,093.0	5,317.3

Rod Strings

Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Rod	3/23/2022	5,136.50		5,128.5	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/4	26.00	-8.0	18.0
Sucker Rod (pony)	1	7/8	8.00	18.0	26.0
Sucker Rod (guided, 4 guides / rod)	51	7/8	1,275.00	26.0	1,301.0
Sucker Rod (guided, 4 guides / rod)	144	3/4	3,600.00	1,301.0	4,901.0
Sucker Rod (guided, 4 guides / rod)	8	7/8	200.00	4,901.0	5,101.0
Shear Coupling (21K)	1	7/8	0.50	5,101.0	5,101.5
No Tap Tool	1	7/8	1.00	5,101.5	5,102.5
Rod Insert Pump (2" x 1-1/4" x 10' x 14' RHBC)	1	2	14.00	5,102.5	5,116.5
Dip Tube	1	1	12.00	5,116.5	5,128.5

Tubing - Production set at 5,244.9ftKB on 3/23/2022 09:30

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		3/23/2022		5,231.89			5,244.9	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	154	J-55	4.70	2 3/8	2.00	4,831.11	13.0	4,844.1
Anchor/catcher	1	J-55	4.70	4 1/2	2.00	4.34	4,844.1	4,848.5
Tubing	9	J-55	4.70	2 3/8	2.00	276.09	4,848.5	5,124.6
Profile Nipple	1	J-55	4.70	2 3/8	2.00	1.10	5,124.6	5,125.7
Tubing	1	J-55	4.70	2 3/8	2.00	32.20	5,125.7	5,157.9
Tubing pup	1	J-55	4.70	2 3/8	2.00	4.03	5,157.9	5,161.9
Gas and Sand separator	1	J-55	4.70	2 3/8	2.00	20.00	5,161.9	5,181.9
Tubing	2	J-55	4.70	2 3/8	2.00	62.72	5,181.9	5,244.6
Bull Plug	1	J55	4.70	2 3/8	2.00	0.30	5,244.6	5,244.9

SURFACE CASING, 420.2ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 420.2	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints				4.20	14.0	18.2
Casing Joints			9	359.00	18.2	377.2
Float Collar				1.00	377.2	378.2
Casing Joints			1	41.00	378.2	419.2
Casing Shoe				1.00	419.2	420.2

INTERMEDIATE CASING, 5,747.0ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 5,747.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				1.00	14.0	15.0
Casing Joints			130	5,682.00	15.0	5,697.0
Float Collar				1.00	5,697.0	5,698.0
Casing Joint			1	48.00	5,698.0	5,746.0
Float Shoe				1.00	5,746.0	5,747.0

PRODUCTION CASING, 10,091.0ftKB

OD (in) 4 1/2	Wt/Len (lb/ft) 11.60	String Grade N-80	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 10,091.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				1.00	14.0	15.0
Casing Joints			127	4,848.00	15.0	4,863.0
Casing Marker Joint			1	20.00	4,863.0	4,883.0
Casing Joints			45	1,710.00	4,883.0	6,593.0



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Horizontal, Original Hole, 4/26/2022 4:12:32 PM

MD (ftKB)	Vertical schematic (actual)						
-7.9	Des:Polished Rod; OD:1 1/4 in; Length:26.00 ft; Btm MD:18.0 ftKB						
13.1	Des:Sucker Rod (pony); OD:7/8 in; Length:8.00 ft; Btm MD:26.0 ftKB						
14.1							
15.1	Des:Sucker Rod (guided, 4 guides / rod); OD:7/8 in; Length:1,275.00 ft; Btm MD:1,301.0 ftKB						
18.0	Des:Sucker Rod (guided, 4 guides / rod); OD:3/4 in; Length:3,600.00 ft; Btm MD:4,901.0 ftKB						
25.9	Des:Sucker Rod (guided, 4 guides / rod); OD:7/8 in; Length:200.00 ft; Btm MD:5,101.0 ftKB		Des:Anchor/catcher; OD:4 1/2 in; ID:2.00 in; Length:4.34 ft; Top MD:4,844.1 ftKB				
377.3	Des:Shear Coupling (21K); OD:7/8 in; Length:0.50 ft; Btm MD:5,101.5 ftKB						
378.3	Des:No Tap Tool; OD:7/8 in; Length:1.00 ft; Btm MD:5,102.5 ftKB						
419.3	Des:Rod Insert Pump (2" x 1-1/4" x 10' x 14' RHBC); OD:2 in; Length:14.00 ft; Btm MD:5,116.5 ftKB		Des:Profile Nipple; OD:2 3/8 in; ID:2.00 in; Length:1.10 ft; Top MD:5,124.5 ftKB				
420.3	Des:Dip Tube; OD:1 in; Length:12.00 ft; Btm MD:5,128.5 ftKB						
430.1							
1,300.9							
4,069.9							
4,844.2							
4,848.4							
4,862.9							
4,882.9							
4,900.9							
5,056.1							
5,101.0							
5,101.4							
5,102.4							
5,116.5							
5,124.7							
5,125.7							
5,128.6							
5,157.8							
5,161.7							
5,181.8							
5,244.8							
5,696.9							
5,698.2							
5,746.1							
5,747.0							
5,754.9							
6,592.8							
6,610.9							
8,324.1							
8,340.9							
10,050.9			Des:Plug Back Total Depth; Depth MD:10,051.0 ftKB; Date:8/7/2013				
10,051.8							
10,089.9							
10,090.9							
10,092.8							

Casing Marker Joint	1	18.00	6,593.0	6,611.0
Casing Joints	45	1,713.00	6,611.0	8,324.0
Casing Marker Joint	1	17.00	8,324.0	8,341.0
Casing Joints	45	1,710.00	8,341.0	10,051.0
Float Collar		1.00	10,051.0	10,052.0
Casing Joints	1	38.00	10,052.0	10,090.0
Float Shoe		1.00	10,090.0	10,091.0
Cement				
Description SURFACE CASING CEMENT	Cementing Start Date 7/24/2013		Cementing End Date 7/24/2013	
Comment				
Description INTERMD CASING CEMENT	Cementing Start Date 8/1/2013		Cementing End Date 8/2/2013	
Comment				
Description PROD CASING CEMENT	Cementing Start Date 8/7/2013		Cementing End Date 8/7/2013	
Comment				

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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 103918

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 103918
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
ahvermersch	None	5/10/2022