

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

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.)		WELL API NO. 30-043-21148
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Enduring Resources IV LLC		6. State Oil & Gas Lease No. V09210
3. Address of Operator 200 Energy Court Farmington NM 87401		7. Lease Name or Unit Agreement Name Chaco 2206-16A
4. Well Location Unit Letter <u>A</u> : <u>738'</u> feet from the <u>N</u> line and <u>270'</u> feet from the <u>E</u> line Section: <u>16</u> Township: <u>22N</u> Range: <u>6W</u> NMPM County: <u>Sandoval</u> Unit Letter <u>D</u> : <u>363'</u> feet from the <u>N</u> line and <u>291'</u> feet from the <u>W</u> line Section: <u>16</u> Township: <u>22N</u> Range: <u>6W</u>		8. Well Number 221H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7148'		9. OGRID Number 372286
		10. Pool name or Wildcat Lybrook Gallup

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☒
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
OTHER: ☐	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 Chaco 2206-16A 221H to repair the rod pump completion. An updated schematic is attached.

EOT: 5,253' MD
 SN: 5,134' MD
 TAC: 4,855' MD
 Job Start: 6/29/2021
 Job End: 7/1/2021

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 Heather Huntington TITLE Permit Tech DATE 7/28/21

Type 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):



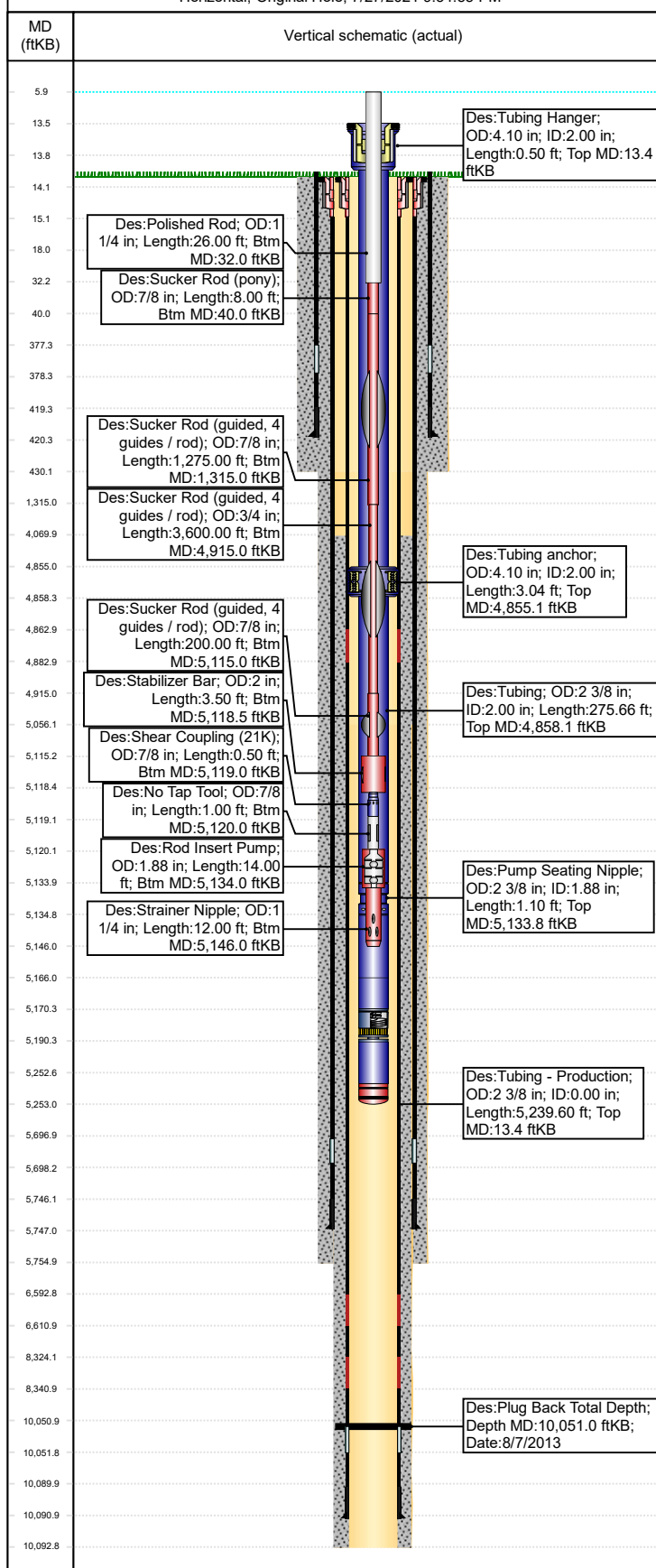
Enduring Resources IV - Production WBD

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, 7/27/2021 9:34:55 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 STRING	7/1/2021	5,140.00		5,146.0	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/4	26.00	6.0	32.0
Sucker Rod (pony)	1	7/8	8.00	32.0	40.0
Sucker Rod (guided, 4 guides / rod)	51	7/8	1,275.00	40.0	1,315.0
Sucker Rod (guided, 4 guides / rod)	144	3/4	3,600.00	1,315.0	4,915.0
Sucker Rod (guided, 4 guides / rod)	8	7/8	200.00	4,915.0	5,115.0
Stabilizer Bar	1	2	3.50	5,115.0	5,118.5
Shear Coupling (21K)	1	7/8	0.50	5,118.5	5,119.0
No Tap Tool	1	7/8	1.00	5,119.0	5,120.0
Rod Insert Pump	1	1.88	14.00	5,120.0	5,134.0
Strainer Nipple	1	1 1/4	12.00	5,134.0	5,146.0

Tubing - Production set at 5,253.0ftKB on 6/29/2021 17:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		6/29/2021		5,239.60			5,253.0	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			4.1	2.00	0.50	13.4	13.9
Tubing	154	J-55	4.70	2 3/8	2.00	4,841.14	13.9	4,855.1
Tubing anchor	1			4.1	2.00	3.04	4,855.1	4,858.1
Tubing	9	J-55	4.70	2 3/8	2.00	275.66	4,858.1	5,133.8
Pump Seating Nipple	1			2 3/8	1.88	1.10	5,133.8	5,134.9
Tubing	1	J-55	4.70	2 3/8	2.00	31.23	5,134.9	5,166.1
Tubing (4' pup)	1	J-55	4.70	2 3/8	2.00	4.03	5,166.1	5,170.1
Gas & Sand separator	1			2 3/8	2.00	20.00	5,170.1	5,190.1
Tubing	2	J-55	4.70	2 3/8	2.00	62.60	5,190.1	5,252.7
Bull Plug	1			2 3/8	0.00	0.30	5,252.7	5,253.0

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)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
4 1/2	11.60	N-80		14.0	10,091.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				1.00	14.0	15.0



Enduring Resources IV - Production WBD

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Horizontal, Original Hole, 7/27/2021 9:34:56 PM							
MD (ftKB)	Vertical schematic (actual)	Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
5.9		Casing Joints	127	4,848.00	15.0	4,863.0	
13.5		Casing Marker Joint	1	20.00	4,863.0	4,883.0	
13.8		Casing Joints	45	1,710.00	4,883.0	6,593.0	
14.1		Casing Marker Joint	1	18.00	6,593.0	6,611.0	
15.1		Casing Joints	45	1,713.00	6,611.0	8,324.0	
18.0		Casing Marker Joint	1	17.00	8,324.0	8,341.0	
32.2		Casing Joints	45	1,710.00	8,341.0	10,051.0	
40.0		Float Collar		1.00	10,051.0	10,052.0	
377.3		Casing Joints	1	38.00	10,052.0	10,090.0	
378.3		Float Shoe		1.00	10,090.0	10,091.0	
419.3		Cement					
420.3		Description SURFACE CASING CEMENT	Cementing Start Date 7/24/2013	Cementing End Date 7/24/2013			
430.1		Comment					
1,315.0		Description INTERMD CASING CEMENT	Cementing Start Date 8/1/2013	Cementing End Date 8/2/2013			
4,069.9		Comment					
4,855.0		Description PROD CASING CEMENT	Cementing Start Date 8/7/2013	Cementing End Date 8/7/2013			
4,858.3		Comment					
4,862.9							
4,862.9							
4,915.0							
5,056.1							
5,115.2							
5,118.4							
5,119.1							
5,120.1							
5,133.9							
5,134.8							
5,146.0							
5,166.0							
5,170.3							
5,190.3							
5,252.6							
5,253.0							
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							

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

CONDITIONS

Action 38650

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 38650
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Accepted for Record	2/17/2022