

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 18, 2013

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

WELL API NO. 30-045-35441
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. L2986-1
7. Lease Name or Unit Agreement Name CHACO 2408- 32P
8. Well Number 114H
9. OGRID Number 372286
10. Pool name or Wildcat Nageezi 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 <u>P</u> : 1203' feet from the <u>S</u> line and 382' feet from the <u>E</u> line Section <u>32</u> Township <u>24N</u> Range <u>08W</u> NMPM County <u>SAN JUAN</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7017'	

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 ☐
 CLOSED-LOOP SYSTEM ☐
 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 to repair the rod pump completion. An updated schematic is attached.

Job Start: 2/24/2021
 Job End: 2/25/2021

EOT: 5,674' MD
 SN: 5,605' MD
 TAC: 4,902' MD

Spud Date: 1/4/13

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 Permitting Technician DATE 3/10/21

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

For State Use Only

Kurt Simmons

NMOCD

05/06/2021

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

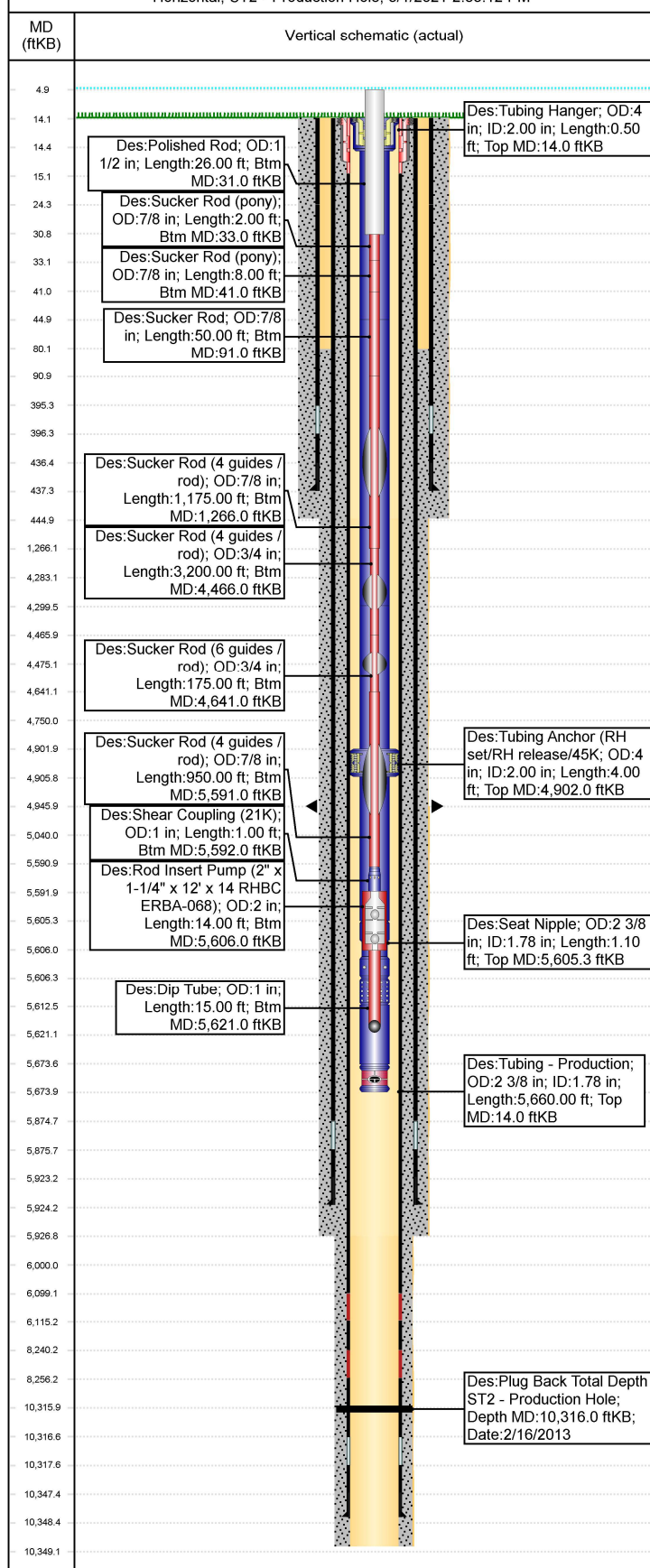


Enduring Resources IV - Production WBD

Well Name: CHACO 2408-32P 114H

API/UWI 30-045-35441	Surface Legal Location SE/2, SE/2, Section 32, (Unit P), Twp 24...	Field Name LYBROOK-GALLUP	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,031.01	KB-Tubing Head Distance (ft)	Spud Date 1/4/2013 07:00	Rig Release Date 2/18/2013 06:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, ST2 - Production Hole, 3/1/2021 2:33:12 PM



Wellbore Sections

Section Description	Size (in)	Act Top (ft...)	Act Top (T...)	Act Btm (ft...)	Act Btm (T...)
Intermediate Hole	8 3/4	4,946.0	4,919.3	5,927.0	5,543.8
Section Description	Size (in)	Act Top (ft...)	Act Top (T...)	Act Btm (ft...)	Act Btm (T...)
Production Hole	6 1/8	5,927.0	5,543.8	10,349.0	5,439.9

Rod Strings

Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Rod	2/25/2021	5,616.00		5,621.0	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	5.0	31.0
Sucker Rod (pony)	1	7/8	2.00	31.0	33.0
Sucker Rod (pony)	1	7/8	8.00	33.0	41.0
Sucker Rod	2	7/8	50.00	41.0	91.0
Sucker Rod (4 guides / rod)	47	7/8	1,175.00	91.0	1,266.0
Sucker Rod (4 guides / rod)	128	3/4	3,200.00	1,266.0	4,466.0
Sucker Rod (6 guides / rod)	7	3/4	175.00	4,466.0	4,641.0
Sucker Rod (4 guides / rod)	38	7/8	950.00	4,641.0	5,591.0
Shear Coupling (21K)	1	1	1.00	5,591.0	5,592.0
Rod Insert Pump (2" x 1-1/4" x 12' x 14 RHBC ERBA-068)	1	2	14.00	5,592.0	5,606.0
Dip Tube	1	1	15.00	5,606.0	5,621.0

Tubing - Production set at 5,674.0ftKB on 2/25/2021 14:45

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		2/25/2021		5,660.00			5,674.0	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	J-55		4	2.00	0.50	14.0	14.5
Tubing (YB)	1	J-55	4.70	2 3/8	2.00	30.60	14.5	45.1
Tubing (BB)	139	J-55	4.70	2 3/8	2.00	4,254.60	45.1	4,299.7
Tubing (YB)	19	J-55	4.70	2 3/8	2.00	602.30	4,299.7	4,902.0
Tubing Anchor (RH set/RH release/45K	1	J-55		4	2.00	4.00	4,902.0	4,906.0
Tubing (YB)	22	J-55	4.70	2 3/8	2.00	699.30	4,906.0	5,605.3
Seat Nipple	1	J-55		2 3/8	1.78	1.10	5,605.3	5,606.4
Perforated Sub	1	J-55		2 3/8	2.00	6.00	5,606.4	5,612.4
Tubing	2	J-55	4.70	2 3/8	2.00	61.10	5,612.4	5,673.5
Purge Valve	1	J-55		2 3/8	2.00	0.50	5,673.5	5,674.0

Surface Casing - 9-5/8\", 437.4ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade K-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 437.4	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			1	10.40	14.0	24.4
Casing Joints			8	371.00	24.4	395.4
Float Collar				1.00	395.4	396.4
Casing Joints			1	40.00	396.4	436.4
Float Shoe				1.00	436.4	437.4

Intermediate Casing - 7\", 5,924.1ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
7	23.00	J-55		14.0	5,924.1	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			129	5,860.60	14.0	5,874.6
Float Collar				1.00	5,874.6	5,875.6
Casing Joints			1	47.54	5,875.6	5,923.1
Float Shoe				1.00	5,923.1	5,924.1

Production Casing - 4-1/2\", 10,348.3ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
4 1/2	11.60	N-80		14.0	10,348.3	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				1.00	14.0	15.0
Casing Joints			143	6,084.00	15.0	6,099.0
Marker Joints			1	16.00	6,099.0	6,115.0
Casing Joints			50	2,125.13	6,115.0	8,240.2



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Original KB Elevation (ft) 7,031.01	KB-Tubing Head Distance (ft)	Spud Date 1/4/2013 07:00	Rig Release Date 2/18/2013 06:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, ST2 - Production Hole, 3/1/2021 2:33:15 PM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	Marker Joints	1	16.00	8,240.2	8,256.2
		Casing Joints	49	2,060.51	8,256.2	10,316.7
		Float Collar		1.00	10,316.7	10,317.7
		Casing Joints	1	29.62	10,317.7	10,347.3
		Float Shoe		1.00	10,347.3	10,348.3
Cement						
Description		Cementing Start Date		Cementing End Date		
Surface Cement		1/5/2013		1/5/2013		
Comment						
240 sx cmt						
Description		Cementing Start Date		Cementing End Date		
OH Cement Plugs - Pilot Hole		1/6/2013		1/17/2013		
Comment						
SET 3 PLUGS IN OH TO DRILL OFF OF						
Description		Cementing Start Date		Cementing End Date		
OH Cement Plug - w/ Whipstock		1/27/2013		1/27/2013		
Comment						
CEMENT WHIPSTOCK IN OPEN HOLE						
Description		Cementing Start Date		Cementing End Date		
Intermediate Cement		2/1/2013		2/2/2013		
Comment						
780 sx cmt						
Description		Cementing Start Date		Cementing End Date		
Production Cement		2/17/2013		2/17/2013		
Comment						
408 sx cmt						

4.9						
14.1						
14.4						
15.1		Des:Polished Rod; OD:1 1/2 in; Length:26.00 ft; Btm MD:31.0 ftKB				
24.3		Des:Sucker Rod (pony); OD:7/8 in; Length:2.00 ft; Btm MD:33.0 ftKB				
30.8		Des:Sucker Rod (pony); OD:7/8 in; Length:8.00 ft; Btm MD:41.0 ftKB				
33.1						
41.0		Des:Sucker Rod; OD:7/8 in; Length:50.00 ft; Btm MD:91.0 ftKB				
44.9						
60.1						
90.9						
396.3						
396.3						
436.4		Des:Sucker Rod (4 guides / rod); OD:7/8 in; Length:1,175.00 ft; Btm MD:1,266.0 ftKB				
437.3						
444.9		Des:Sucker Rod (4 guides / rod); OD:3/4 in; Length:3,200.00 ft; Btm MD:4,466.0 ftKB				
1,266.1						
4,283.1						
4,299.5						
4,465.9						
4,475.1		Des:Sucker Rod (6 guides / rod); OD:3/4 in; Length:175.00 ft; Btm MD:4,641.0 ftKB				
4,641.1						
4,750.0						
4,901.9		Des:Sucker Rod (4 guides / rod); OD:7/8 in; Length:950.00 ft; Btm MD:5,591.0 ftKB				
4,905.8						
4,945.9		Des:Shear Coupling (21K); OD:1 in; Length:1.00 ft; Btm MD:5,592.0 ftKB				
5,040.0						
5,590.9		Des:Rod Insert Pump (2" x 1-1/4" x 12' x 14 RHBC ERBA-068); OD:2 in; Length:14.00 ft; Btm MD:5,606.0 ftKB				
5,591.9						
5,605.3						
5,606.0						
5,606.3						
5,612.5		Des:Dip Tube; OD:1 in; Length:15.00 ft; Btm MD:5,621.0 ftKB				
5,621.1						
5,673.6						
5,673.9		Des:Tubing - Production; OD:2 3/8 in; ID:1.78 in; Length:5,660.00 ft; Top MD:14.0 ftKB				
5,874.7						
5,875.7						
5,923.2						
5,924.2						
5,926.8						
6,000.0						
6,099.1						
6,115.2						
8,240.2						
8,256.2						
10,315.9		Des:Plug Back Total Depth ST2 - Production Hole; Depth MD:10,316.0 ftKB; Date:2/16/2013				
10,316.6						
10,317.6						
10,347.4						
10,348.4						
10,349.1						

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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 20632

CONDITIONS OF APPROVAL

Operator: ENDURING RESOURCES, LLC 1050 17TH STREET, SUITE 2500 DENVER, CO80265				OGRID: 372286	Action Number: 20632	Action Type: C-103R
OCD Reviewer				Condition		
ksimmons				None		