

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. 30-045-35491
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. L2986-1
7. Lease Name or Unit Agreement Name
8. Well Number CHACO 2408 32P 115H
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 P: 537' feet from the S line and 329' feet from the E line

Section 32 Township 24N Range 08W NMPM County SAN JUAN

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 well schematic is attached.

EOT: 5,512' MD
 SN: 5,442' MD
 TAC: 4,937' MD
 Job Start: 03/25/2021
 Job End: 03/26/2021

Spud Date: 9/30/13

Rig Release Date:

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

SIGNATURE

TITLE Permitting Technician DATE 4/7/21

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):

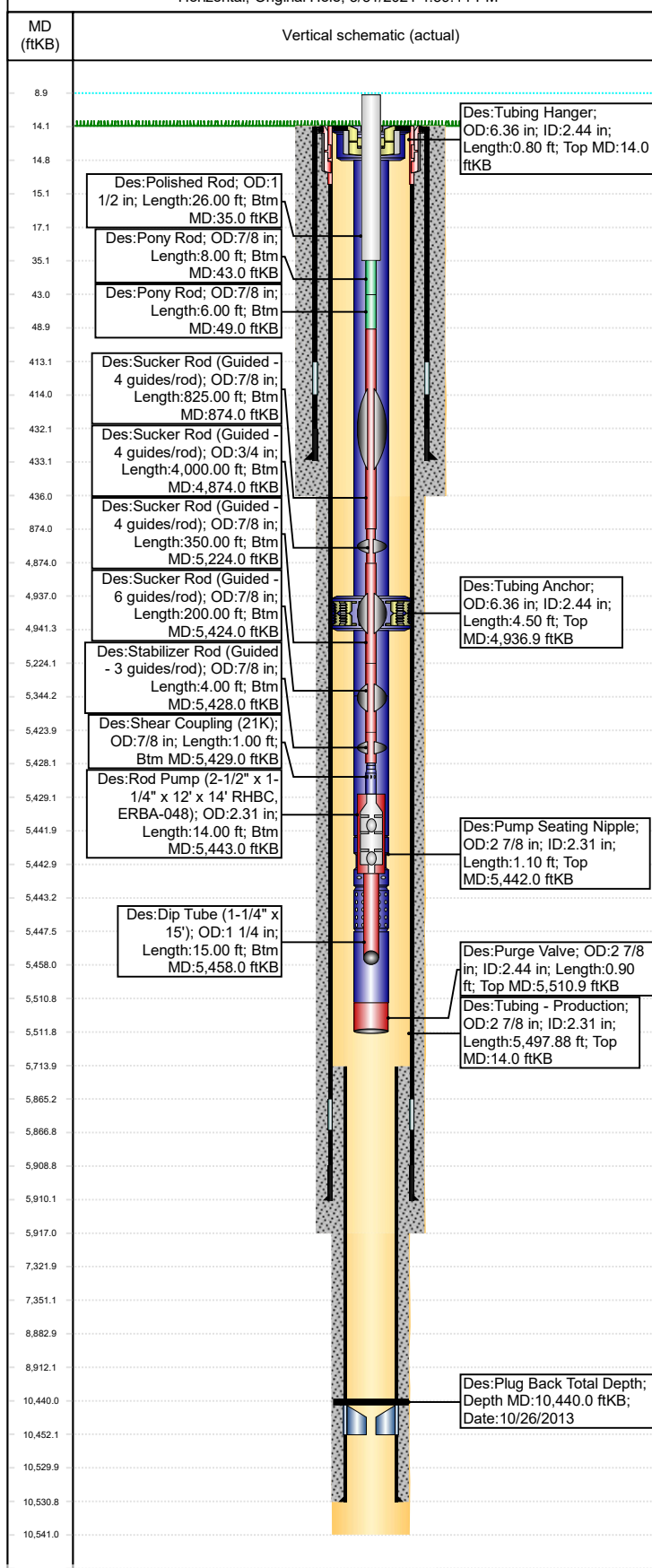


Enduring Resources IV - Production WBD

Well Name: CHACO 2408-32P 115H

API/UWI 30-045-35491	Surface Legal Location SE/4, SE/4, Section 32 (Unit P), Twp 24N...	Field Name GALLUP	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,049.01	KB-Tubing Head Distance (ft)	Spud Date 9/30/2013 09:30	Rig Release Date 10/26/2013 23:00	PBTD (All) (ftKB) Original Hole - 10,440.0	Total Depth All (TVD) (ftKB) Original Hole - 5,371.3

Horizontal, Original Hole, 3/31/2021 4:59:14 PM



Wellbore Sections

Section Description Surface Hole	Size (in) 12 1/4	Act Top (ft...) 14.0	Act Top (T...) 14.0	Act Btm (ft...) 436.0	Act Btm (T...) 436.0
Section Description Intermediate Hole	Size (in) 8 3/4	Act Top (ft...) 436.0	Act Top (T...) 436.0	Act Btm (ft...) 5,917.0	Act Btm (T...) 5,528.7
Section Description Production Hole	Size (in) 6 1/8	Act Top (ft...) 5,917.0	Act Top (T...) 5,528.7	Act Btm (ft...) 10,541.0	Act Btm (T...) 5,371.3

Rod Strings

Rod Description Rod	Run Date 3/26/2021	String Length (ft) 5,449.00		Set Depth (ftKB) 5,458.0	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	9.0	35.0
Pony Rod	1	7/8	8.00	35.0	43.0
Pony Rod	1	7/8	6.00	43.0	49.0
Sucker Rod (Guided - 4 guides/rod)	33	7/8	825.00	49.0	874.0
Sucker Rod (Guided - 4 guides/rod)	160	3/4	4,000.00	874.0	4,874.0
Sucker Rod (Guided - 4 guides/rod)	14	7/8	350.00	4,874.0	5,224.0
Sucker Rod (Guided - 6 guides/rod)	8	7/8	200.00	5,224.0	5,424.0
Stabilizer Rod (Guided - 3 guides/rod)	1	7/8	4.00	5,424.0	5,428.0
Shear Coupling (21K)	1	7/8	1.00	5,428.0	5,429.0
Rod Pump (2-1/2" x 1-1/4" x 12' x 14' RHBC, ERBA-048)	1	2.31	14.00	5,429.0	5,443.0
Dip Tube (1-1/4" x 15')	1	1 1/4	15.00	5,443.0	5,458.0

Tubing - Production set at 5,511.8ftKB on 3/26/2021 10:30

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		3/26/2021		5,497.88			5,511.8	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			6.36	2.44	0.80	14.0	14.8
Tubing	159	J-55	6.50	2 7/8	2.44	4,922.10	14.8	4,936.9
Tubing Anchor	1			6.36	2.44	4.50	4,936.9	4,941.4
Tubing	13	J-55	6.50	2 7/8	2.44	402.68	4,941.4	5,344.0
Tubing	3	L-80	6.50	2 7/8	2.44	98.00	5,344.0	5,442.0
Pump Seating Nipple	1			2 7/8	2.31	1.10	5,442.0	5,443.1
Perforated Joint	1			2 7/8	2.44	4.25	5,443.1	5,447.4
Tubing	2	J-55	6.50	2 7/8	2.44	63.55	5,447.4	5,510.9
Purge Valve	1			2 7/8	2.44	0.90	5,510.9	5,511.8

Surface Casing, 433.0ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 43.50	String Grade P-110	Top Connection LT&C	Top (ftKB) 14.0	Set Depth (ftKB) 433.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			1.00	14.0	15.0
Casing Joints		1	2.00	15.0	17.0
Casing Joints		20	396.00	17.0	413.0
Float Collar			1.00	413.0	414.0
Casing Joints		1	18.00	414.0	432.0
Float Shoe			1.00	432.0	433.0

Intermediate Casing, 5,910.2ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 5,910.2	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				1.00	14.0	15.0
Casing Joints			129	5,850.00	15.0	5,865.0
Float Collar				1.70	5,865.0	5,866.7
Casing Joints			1	42.00	5,866.7	5,908.7
Float Shoe				1.50	5,908.7	5,910.2



Enduring Resources IV - Production WBD

Well Name: CHACO 2408-32P 115H

API/UWI 30-045-35491	Surface Legal Location SE/4, SE/4, Section 32 (Unit P), Twp 24N...	Field Name GALLUP	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,049.01	KB-Tubing Head Distance (ft)	Spud Date 9/30/2013 09:30	Rig Release Date 10/26/2013 23:00	PBTD (All) (ftKB) Original Hole - 10,440.0	Total Depth All (TVD) (ftKB) Original Hole - 5,371.3

Horizontal, Original Hole, 3/31/2021 4:59:16 PM		Production Liner, 10,531.0ftKB						
MD (ftKB)	Vertical schematic (actual)	OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
		4 1/2	11.60	N-80		5,714.0	10,531.0	
Item Des				Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
8.9		Casing Joints - TieBack - 5714'			161	0.00	5,714.0	5,714.0
14.1		Casing Joints			42	1,608.00	5,714.0	7,322.0
14.8		Marker Joint			1	29.00	7,322.0	7,351.0
15.1		Casing Joints			40	1,532.00	7,351.0	8,883.0
17.1		Marker Joint			1	29.00	8,883.0	8,912.0
35.1		Casing Joints			40	1,528.00	8,912.0	10,440.0
43.0		Landing Collar			1	12.00	10,440.0	10,452.0
48.9		Casing Joints			1	78.00	10,452.0	10,530.0
413.1		Float Shoe			1	1.00	10,530.0	10,531.0
414.0		Des:Tubing Hanger; OD:6.36 in; ID:2.44 in; Length:0.80 ft; Top MD:14.0 ftKB						
432.1	Des:Polished Rod; OD:1 1/2 in; Length:26.00 ft; Btm MD:35.0 ftKB							
433.1	Des:Pony Rod; OD:7/8 in; Length:8.00 ft; Btm MD:43.0 ftKB							
436.0	Des:Pony Rod; OD:7/8 in; Length:6.00 ft; Btm MD:49.0 ftKB							
874.0	Des:Sucker Rod (Guided - 4 guides/rod); OD:7/8 in; Length:825.00 ft; Btm MD:874.0 ftKB							
4,874.0	Des:Sucker Rod (Guided - 4 guides/rod); OD:3/4 in; Length:4,000.00 ft; Btm MD:4,874.0 ftKB							
4,937.0	Des:Sucker Rod (Guided - 4 guides/rod); OD:7/8 in; Length:350.00 ft; Btm MD:5,224.0 ftKB							
4,941.3	Des:Sucker Rod (Guided - 6 guides/rod); OD:7/8 in; Length:200.00 ft; Btm MD:5,424.0 ftKB							
5,224.1	Des:Stabilizer Rod (Guided - 3 guides/rod); OD:7/8 in; Length:4.00 ft; Btm MD:5,428.0 ftKB							
5,344.2	Des:Shear Coupling (21K); OD:7/8 in; Length:1.00 ft; Btm MD:5,429.0 ftKB							
5,428.1	Des:Rod Pump (2-1/2" x 1-1/4" x 12' x 14' RHBC, ERBA-048); OD:2.31 in; Length:14.00 ft; Btm MD:5,443.0 ftKB							
5,442.9	Des:Tubing Anchor; OD:6.36 in; ID:2.44 in; Length:4.50 ft; Top MD:4,936.9 ftKB							
5,443.2	Des:Pump Seating Nipple; OD:2 7/8 in; ID:2.31 in; Length:1.10 ft; Top MD:5,442.0 ftKB							
5,447.5	Des:Dip Tube (1-1/4" x 15'); OD:1 1/4 in; Length:15.00 ft; Btm MD:5,458.0 ftKB							
5,458.0	Des:Purge Valve; OD:2 7/8 in; ID:2.44 in; Length:0.90 ft; Top MD:5,510.9 ftKB							
5,510.8	Des:Tubing - Production; OD:2 7/8 in; ID:2.31 in; Length:5,497.88 ft; Top MD:14.0 ftKB							
5,511.8								
5,713.9								
5,865.2								
5,866.8								
5,908.8								
5,910.1								
5,917.0								
7,321.9								
7,351.1								
8,882.9								
8,912.1								
10,440.0	Des:Plug Back Total Depth; Depth MD:10,440.0 ftKB; Date:10/26/2013							
10,452.1								
10,529.9								
10,530.8								
10,541.0								
		Cement						
Description		Cementing Start Date			Cementing End Date			
Surface Cement		10/3/2013			10/3/2013			
Comment								
Description		Cementing Start Date			Cementing End Date			
Intermediate Cement		10/20/2013			10/20/2013			
Comment								
Description		Cementing Start Date			Cementing End Date			
Production Cement		10/26/2013			10/26/2013			
Comment								

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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 23318

CONDITIONS

Operator: ENDURING RESOURCES, LLC 1050 17TH STREET, SUITE 2500 DENVER, CO 80265	OGRID: 372286
	Action Number: 23318
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	6/2/2021