

Well Name: LYBROOK 2206-05A	Well Location: T22N / R6W / SEC 5 / NENE / 36.1726 / -107.483323	County or Parish/State: SANDOVAL / NM
Well Number: 436H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109387	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004321226	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2633850

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 09/13/2021	Time Sundry Submitted: 02:02
Date Operation Actually Began: 09/13/2021	

Actual Procedure: null

SR Attachments

Actual Procedure

CHACO_2206_05A_436H_WBD_08172021_20210913140217.pdf

Rod_Pump_sundry_Chaco_2206_05A_436H_20210913140201.pdf

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NENE / 36.1726 / -107.483323

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Well Number: 436H

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Lease Number: NMNM109387

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004321226

Well Status: Producing Oil Well

Operator: ENDURING
RESOURCES LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: DEIDRE DUFFY

Signed on: SEP 13, 2021 02:02 PM

Name: ENDURING RESOURCES LLC

Title: Project Ecologist

Street Address: 848 East 2nd Avenue

City: Durango State: CO

Phone: (970) 385-1096

Email address: DEIDRE.DUFFY@WSP.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 09/16/2021

Signature: Kenneth Rennick

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM109387

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Enduring Resources IV LLC

3a. Address

200 Energy Court Farmington NM 87401

3b. Phone No. (include area code)

505-636-9743

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 939' FNL & 357' FEL, Sec 5 T22N, R6W**BHL: 990' FNL & 2334' FEL, Sec 6 T22N, R6W**

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

CHACO 2206-05A 436H

9. API Well No.

30-043-21226

10. Field and Pool or Exploratory Area

Lybrook Gallup

11. Country or Parish, State

Sandoval, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Rod pump completion repair
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Enduring Resources recently completed a workover on the CHACO 2206-05A 436H to repair the rod pump completion. An updated schematic is attached.

CHACO 2206-05A 436H

30-043-21226

Job Start: 08/15/2021

Job End: 08/17/2021

EOT: 5,556' MD

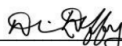
SN: 5,411' MD

TAC: 5,307' MD

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Deidre DuffyTitle: **Lead Ecologist**

Signature



Date: 9/7/2021

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



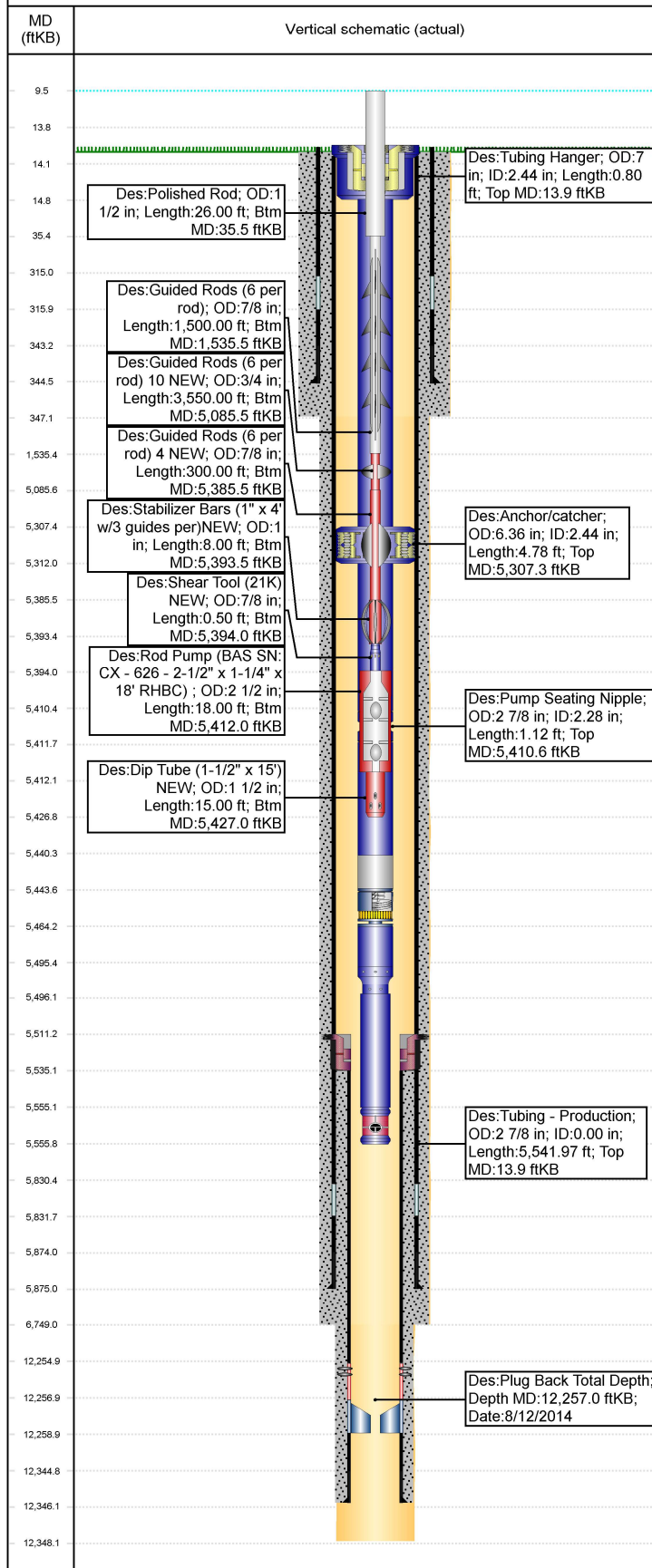
Enduring Resources IV - Production WBD

Well Name: **CHACO 2206-05A 436H**

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21226	Surface Legal Location (Unit A) Section 05, Twp 22N, Rng 06W,...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,140.00	KB-Tubing Head Distance (ft)	Spud Date 7/23/2014 06:15	Rig Release Date 8/13/2014 07:00	PBTD (All) (ftKB) Original Hole - 12,257.0	Total Depth All (TVD) (ftKB) Original Hole - 5,410.5

Horizontal, Original Hole, 9/7/2021 9:34:59 AM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE	12 1/4	14.0	14.0	347.0	347.0
INTERMEDIATE	8 3/4	347.0	347.0	6,749.0	5,462.1
PRODUCTION	6.12	6,749.0	5,462.1	12,348.0	5,410.5

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)		
Rod	8/17/2021	5,417.50	5,427.0		
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	9.5	35.5
Guided Rods (6 per rod)	60	7/8	1,500.00	35.5	1,535.5
Guided Rods (6 per rod) 10 NEW	142	3/4	3,550.00	1,535.5	5,085.5
Guided Rods (6 per rod) 4 NEW	12	7/8	300.00	5,085.5	5,385.5
Stabilizer Bars (1" x 4' w/3 guides per)NEW	2	1	8.00	5,385.5	5,393.5
Shear Tool (21K) NEW	1	7/8	0.50	5,393.5	5,394.0
Rod Pump (BAS SN: CX - 626 - 2-1/2" x 1-1/4" x 18' RHBC)	1	2 1/2	18.00	5,394.0	5,412.0
Dip Tube (1-1/2" x 15') NEW	1	1 1/2	15.00	5,412.0	5,427.0

Tubing - Production set at 5,555.9ftKB on 8/16/2021 14:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		8/16/2021			5,541.97		5,555.9	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger				7	2.44	0.80	13.9	14.7
Tubing	163	J-55	6.50	2 7/8	2.44	5,292.56	14.7	5,307.3
Anchor/catcher	1			6.36	2.44	4.78	5,307.3	5,312.1
Tubing	3	J-55	6.50	2 7/8	2.44	98.52	5,312.1	5,410.6
Pump Seating Nipple	1			2 7/8	2.28	1.12	5,410.6	5,411.7
Tubing	1	J-55	6.50	2 7/8	2.44	28.72	5,411.7	5,440.4
Tubing Pup Joint		J-55	6.50	2 7/8	2.44	3.06	5,440.4	5,443.5
Gas separator (Hybrid X)				2 7/8	2.00	20.81	5,443.5	5,464.3
Tubing	1	J-55	6.50	2 7/8	2.44	31.20	5,464.3	5,495.5
Cross Over				2 7/8	2.00	0.50	5,495.5	5,496.0
Tubing	2	J-55	4.70	2 3/8	2.00	59.11	5,496.0	5,555.1
Purge Valve				2 3/8	0.00	0.79	5,555.1	5,555.9

SURFACE CASING, 344.6ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 344.6	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			15	301.09	14.0	315.0
Float Collar			1	0.90	315.0	315.9
Casing Joints			2	27.23	315.9	343.2
Guide Shoe			1	1.42	343.2	344.6

INTERMEDIATE CASING, 5,875.0ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 5,875.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			138	5,816.50	14.0	5,830.5
Float Collar			1	1.20	5,830.5	5,831.7
Casing Joints			1	42.17	5,831.7	5,873.9
Guide Shoe			1	1.10	5,873.9	5,875.0

PRODUCTION LINER, 12,346.0ftKB

OD (in) 4 1/2	Wt/Len (lb/ft) 11.60	String Grade P-110	Top Connection	Top (ftKB) 5,511.0	Set Depth (ftKB) 12,346.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Liner Hanger				24.00	5,511.0	5,535.0
Casing Joints			156	6,720.00	5,535.0	12,255.0



Enduring Resources IV - Production WBD

Well Name: CHACO 2206-05A 436H

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21226	Surface Legal Location (Unit A) Section 05, Twp 22N, Rng 06W, ...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,140.00	KB-Tubing Head Distance (ft)	Spud Date 7/23/2014 06:15	Rig Release Date 8/13/2014 07:00	PBTD (All) (ftKB) Original Hole - 12,257.0	Total Depth All (TVD) (ftKB) Original Hole - 5,410.5

Horizontal, Original Hole, 9/7/2021 9:35:02 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	RSI		2.00	12,255.0	12,257.0
		Landing Collar		1.75	12,257.0	12,258.8
		Casing Joints	2	86.00	12,258.8	12,344.8
		Float Shoe		1.25	12,344.8	12,346.0
Cement						
Description		Cementing Start Date		Cementing End Date		
Surface Cement		7/25/2014		7/25/2014		
Comment						
101 sx (163 cu ft) cmt						
Description		Cementing Start Date		Cementing End Date		
Intermediate Cement		8/24/2014		8/24/2014		
Comment						
740 sx (1034 cu ft) cmt						
Description		Cementing Start Date		Cementing End Date		
Production Cement		9/3/2014		9/3/2014		
Comment						
500 sx (714 cu ft) cmt						

9.5		Des: Polished Rod; OD: 1 1/2 in; Length: 26.00 ft; Btm MD: 35.5 ftKB	Des: Tubing Hanger; OD: 7 in; ID: 2.44 in; Length: 0.80 ft; Top MD: 13.9 ftKB			
13.8						
14.1						
14.8						
35.4						
315.0						
315.9						
343.2						
344.5						
347.1						
1,535.4						
5,085.6						
5,307.4						
5,312.0						
5,385.5						
5,393.4						
5,394.0						
5,410.4						
5,411.7						
5,412.1						
5,426.8						
5,440.3						
5,443.6						
5,464.2						
5,495.4						
5,496.1						
5,511.2						
5,535.1						
5,555.1						
5,555.8						
5,830.4						
5,831.7						
5,874.0						
5,875.0						
6,749.0						
12,254.9						
12,256.9						
12,258.9						
12,344.8						
12,346.1						
12,348.1						
		Des: Pump Seating Nipple; OD: 2 7/8 in; ID: 2.28 in; Length: 1.12 ft; Top MD: 5,410.6 ftKB				
		Des: Dip Tube (1-1/2\" x 15') NEW; OD: 1 1/2 in; Length: 15.00 ft; Btm MD: 5,427.0 ftKB				
		Des: Shear Tool (21K) NEW; OD: 7/8 in; Length: 0.50 ft; Btm MD: 5,394.0 ftKB				
		Des: Stabilizer Bars (1\" x 4' w/3 guides per) NEW; OD: 1 in; Length: 8.00 ft; Btm MD: 5,393.5 ftKB				
		Des: Guided Rods (6 per rod) 4 NEW; OD: 7/8 in; Length: 300.00 ft; Btm MD: 5,385.5 ftKB				
		Des: Guided Rods (6 per rod) 10 NEW; OD: 3/4 in; Length: 3,550.00 ft; Btm MD: 5,085.5 ftKB				
		Des: Guided Rods (6 per rod); OD: 7/8 in; Length: 1,500.00 ft; Btm MD: 1,535.5 ftKB				
		Des: Tubing - Production; OD: 2 7/8 in; ID: 0.00 in; Length: 5,541.97 ft; Top MD: 13.9 ftKB				
		Des: Plug Back Total Depth; Depth MD: 12,257.0 ftKB; Date: 8/12/2014				

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 128915

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 128915
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/3/2025