

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
NMSF078362
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit of CA/Agreement, Name and/or No. NMNM-132829
2. Name of Operator Enduring Resources IV LLC	8. Well Name and No. NE CHACO COM #197H
3a. Address 200 Energy Court Farmington NM 87401	9. API Well No. 30-039-31278
3b. Phone No. (include area code) 505-636-9743	10. Field and Pool or Exploratory Area CHACO UNIT NE HZ OIL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1442' FNL & 239' FWL SEC 8 23N 6W BHL: 1168' FSL & 67' FWL SEC 6 23N 6W	11. Country or Parish, State RIO ARRIBA, 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 ShutOff
<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 type="checkbox"/> Other <u>Covert</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>to Rod Pump</u>
	<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 determined that the site is ready for final inspection.)

5/1/19 -MIRU

5/2/19 thru 5/7/19- Start RIH, pull tubing and GLV

5/8/19- Land tubing @ 5569'. 170 jts, 2-7/8", J55, 6.5#.

RIH with Rods.

1 1/2 X 26' SPRAY METAL POLISHED ROD 1-2' 7/8 PONY ROD 2-6' 7/8 PONY RODS 1-8' 7/8 PONY ROD 20-7/8 4 PER GUIDED RODS 37-7/8 6 PER GUIDED RODS 124- 3/4 4 PER GUIDED RODS 36- 1" 4 PER GUIDED RODS 4' X 7/8 PUMP STABILIZER 26K SHEAR TOOL=6" 2 1/2 X 1 1/4 X 16 18 RHBC ROD PUMP 1 1/4 X 15' RDMO

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

Lacey Granillo

Title Permit Specialist

Signature

Date 5/20/19

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

FARMINGTON FIELD OFFICE
By: AK

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.

NMC

NMOCD AK

NE CHACO COM 197H

API # 30-039-31278



Location

SHL: 1442' FNL 239' FWL Sec: 8 Twnshp: 23N Rge: 6W
 BHL: 1168' FSL 67' FWL Sec: 6 Twnshp: 23N Rge: 6W

Lat: 36.242454
 Long: -107.50056

Spud Date: 10/22/2014
 Completion: 3/7/2015
 Pool Name: CHACO UNIT NE HZ OIL
 ROD PUMP 5/8/2019

Wellbore updated 5/16/19 lg

Tops	MD	TVD
Ojo Alamo:	1386' MD,	1374' TVD
Kirtland:	1741' MD,	1715' TVD
Picture Cliffs:	2018' MD,	1982' TVD
Lewis:	2109' MD,	2068' TVD
Chacra:	2461' MD,	2407' TVD
Cliffhouse:	3585' MD,	3484' TVD
Menefee:	3607' MD,	3506' TVD
Point Lookout:	4277' MD,	4249' TVD
Mancos:	4587' MD,	4458' TVD
Mancos Upr:	4950' MD,	4819' TVD
Gallup:	4961' MD,	4830' TVD

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu. ft.	Surface
8-3/4"	7"	1066 sx	1546 cu. ft.	Surface
6-1/8"	4-1/2"	415 sx	1171 cu. ft.	TOL 5961'

Land tubing @ 5569'. 170 jts, 2-7/8", J55, 6.5#.

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 TOOL=6" 2 1/2 X 1 1/4 X 16 18 RHBC ROD PUMP 1 1/4 X 15'

Frac & Perf 6432'-10927'

12 1/4"
Hole

8 3/4"
Hole

6 1/8"
Hole

RAN 13 jts. 9 5/8" 36# J-55 L/S LT&C csg. set
 @ 425', FC @ 391'
 Surface Casing -Hole Size: 12-1/4"

Run 142 jts 7", 23#, J-55, LT&C csg. Landed
 @ 6083', FC @ 6035'
 Intermediate Casing - Hole Size: 8-3/4"

Run 116 jts, 4-1/2" CSG Liner, 11.6#, P-110,
 LT&C. 8RD, CSG set @ 11091', LC @ 11001',
 RSI tools 10990', marker jts @6688' & 8831',
 TOL @5961'
 Final Casing - Hole Size: 6-1/8"

TD @ 11092'

PBTD @ 11001'