

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.
NMSF078359

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
NMNM132829

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
NE CHACO COM 171H

2. Name of Operator
ENDURING RESOURCES LLC

Contact: LACEY GRANILLO
E-Mail: lgranillo@enduringresources.com

9. API Well No.
30-039-31217-00-S1

3a. Address
1050 17TH STREET SUITE 2500
DENVER, CO 80265

3b. Phone No. (include area code)
Ph: 505-636-9743

10. Field and Pool or Exploratory Area
CHACO UNIT NE HZ

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T23N R7W NWSW 1987FSL 0331FWL
36.238146 N Lat, 107.534960 W Lon

11. County or Parish, State
RIO ARRIBA COUNTY, 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
	<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 recomplate 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 recomplate 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.

RE-INSTALL GLV

12/3/19- MIRU. POOH.

12/4/19- TIH & pull GLV.

12/5/19- Land tubing @ 6248? w/ 192 jnts, 2-7/8", 6.5#, L-80 & J-55 & 3 jnts 2-3/8?, 4.7#, J-55, packer set @ 6152?, 1 GLV

NMOCD

DEC 10 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #494995 verified by the BLM Well Information System
For ENDURING RESOURCES LLC, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 12/09/2019 (20JK0061SE)

Name (Printed/Typed) LACEY GRANILLO Title PERMITTING SPECIALIST

Signature (Electronic Submission) Date 12/09/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** Title **JOE KILLINS ENGINEER** Date **12/09/2019**

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

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.

(Instructions on page 2) **** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

AV

NMOCD

2

NE CHACO COM 171H API # 30-039-31217

Location

SHL: 1987' FSL 331' FWL Sec: 12 Twnshp: 23N
 BHL: 2398' FSL 1728' FWL Sec: 11 Twnshp: 23N

Rng: 7W
 RNG: 7W

Spud Date: 6/25/2014

Completion: 10/7/2014

Pool Name: CHACO UNIT NE HZ OIL

GLV:12/9/14

GLV Install: 12/5/19

Wellbore updated: 12/9/19

Tops	MD	TVD
Ojo Alamo	1400'	1393
Kirtland	1748'	1716'
Pictured Cliffs	2072'	2012'
Lewis	2174'	2103'
Chacra	2548'	2440'
Cliff House	3748'	3542'
Menefee	3808'	3597'
Point Lookout	4552'	4286'
Mancos	4774'	4489'
Gallup	5207'	4898'

8 3/4"
Hole

Land tubing @ 6248' w/ 192 jnts, 2-7/8", 6.5#, L-80 & J-55
 & 3 jnts 2-3/8", 4.7#, J-55, packer set @ 6152', 1 GLV

6 1/8" Hole

6355'-10327' FRAC

RAN 13 JTS, 9-5/8", LT&C, 36#, J-55, CSG SET @ 421', FC @ 386'
 Surface Casing - Hole Size: 12-1/4"

Run 150 jts 7", 23#, J-55, LT&C, 8RD csg, landed @ 6318', FC @ 6275'
 Intermediate Casing - Hole Size: 8-3/4"

Run 114 jts, 4-1/2" CSG Liner, 11.6#, N-80, LT&C. 8RD CSG set @ 10415' (TVD 5449'), LC @ 10337', RSI tools 10323', marker jts @ 7237' & 8781', TOL @ 6198'
 Final Casing - Hole Size: 6-1/8"

TD @ 10425' MD

PBTD @ 10337'

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 s x	222 cu. ft.	Surface
8-3/4"	7"	820 s x	1461 cu. ft.	Surface
6-1/8"	4-1/2"	360 s x	536 cu. ft.	TOL 6198'

