

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 23 2019

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.**

|  |  |   |
|--|--|---|
| <b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>   |  | 5. Lease Serial No.<br><b>NMNM 109397</b>                     |
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other   |  | 6. If Indian, Allottee or Tribe Name                          |
| 2. Name of Operator<br><b>Enduring Resources IV LLC</b>  |  | 7. If Unit of CA/Agreement, Name and/or No.                   |
| 3a. Address<br><b>200 Energy Court Farmington NM 87401</b>   | 3b. Phone No. (include area code)<br><b>505-636-9743</b> | 8. Well Name and No.<br><b>Chaco 2308 11A 408H</b>            |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br><b>SHL: 386' FNL &amp; 1062' FEL Sec 11 T23N R8W Unit: A</b><br><b>BHL: 2479' FNL &amp; 241' FEL Sec 12 T23N R8W Unit: H</b> |  | 9. API Well No.<br><b>30-045-35563</b>                        |
|  |  | 10. Field and Pool or Exploratory Area<br><b>Basin Mancos</b> |
|  |  | 11. Country or Parish, State<br><b>San Juan, NM</b>           |

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 checked="" type="checkbox"/> Other <u>Re-install GLV</u> |
|   | <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 recomple 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 recompletion 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.)

4/5/19- MIRU

4/6/19 thru 4/10/19- Pull tubing. Clean out.

4/11/19- Landed well @ 6258', w/ 183 jnts of 2-7/8", 6.5#, L-80 & 10 jnts of 2-3/8", 4.7#, J-55, packer set @ 5949', 3 GLV  
RDMO

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

Title: Permit Specialist

Signature

Date: 4/22/19

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

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.

NMOCD

**Chaco 2308 11A 408H**  
**API # 30-045-35563**



**Location**

SHL: 386' FNL 1062' FEL Sec: 11 Twnshp: 23N Rge: 8W  
 BHL: 2479' FNL 241' FEL Sec: 12 Twnshp: 23N Rge: 8W

Lat: 36.24782  
 Long: -107.64575

Spud Date: 11/24/2014  
 Completion: 2/19/2015  
 Pool Name: Mancos  
 Reinstall GLV: 4/11/2019

Wellbore updated 4/18/19 lg

| Tops           | MD   | TVD  |
|----------------|------|------|
| OJO_ALAMO      | 1131 | 1125 |
| KIRTLAND       | 1448 | 1433 |
| PICTURE_CLIFFS | 1835 | 1808 |
| LEWIS          | 1949 | 1918 |
| CHACRA         | 2262 | 2219 |
| CLIFF_HOUSE    | 3387 | 3302 |
| MENEFEE        | 3435 | 3348 |
| PT_LOOKOUT     | 4298 | 4177 |
| MANCOS         | 4502 | 4372 |
| GALLUP         | 4870 | 4729 |

| 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 | 1543 cu. ft. | Surface   |
| 6-1/8"    | 4-1/2" | 380 sx  | 523 cu. ft.  | TOL 5999' |
|           |        |         |              |           |

Landed well @ 6258', w/ 183 jnts of 2-7/8", 6.5#, L-80 & 10 jnts of 2-3/8", 4.7#, J-55, packer set @ 5949', 3 GLV

12 1/4"  
Hole

8 3/4"  
Hole

6 1/8"  
Hole

Run 13 jts. 9 5/8" 36# ST&C J-55 csg, set @ 412', FC @ 379'  
 Surface Casing - Hole Size: 12-1/4"

Run 145 jts 7", 23#, J-55, LT&C csg. Landed @ 6162', FC @ 6116'  
 Intermediate Casing - Hole Size: 8-3/4"

Run 120 jts, 4-1/2" CSG Liner, 11.6#, P-110, LT&C. 8RD CSG set @ 10882', LC @ 10801', RSI tool @ 10800', marker jts @ 7558', 9228', TOL @ 5999'  
 Final Casing - Hole Size: 6-1/8"

TOL @ 5999'

TD @ 10898'

PBTD @ 10801'

