

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 06 2018

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.  
NMSF78362  
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: 1680' FSL & 591' FWL SEC 6 23N 6W  
BHL: 369' FSL & 229' FWL SEC 1 23N 7W

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

8. Well Name and No.  
NE CHACO COM #179H

9. API Well No.  
30-039-31190

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

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>AMENDED</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>Convert from</b>
				<b>GLV to Rod</b>
				<b>Pump</b>

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.)

NMOCD

NOV 14 2018

DISTRICT III

**10/9/18- MIRU.** Pull tubing, gas lift and packer.

**10/10/18-10/11/18-** Cont. TIH

**10/12/18-** TIH W/TBG. Land tubing @ 5356' w 169 jnts of 2-7/8", J-55, 6.5#

Tubing/Rod detail: picked up and RIHW 30' 1 1/4 dip tube, 2 1/2 X 1 1/4 X 12' X 14' RWAC rod pump, 12-4' stabilizers, 12-1 1/4 sinker bars, Stabilizers set on top of pump and spaced between each sinker bar. Ran 181-3/4 x 2.5 5 per guided rods, 15-3/4 slick rods, 1-2' pony rod, and 1-26 x 1 1/2 spray metal polished rod. Loaded tubing with 30 bbl's of 2% Kcl water, pressured up to 700# tubing held (good test). Stroked pump with the rig tubing pressured up to 500# (good pump action)

**10/15/18-RDMO**

NOV 14 2018

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

Lacey Granillo

Title Permit Specialist

FARMINGTON FIELD OFFICE  
By: 

Signature

Date 11/6/18

**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

4

# NE CHACO COM #179H

## API # 30-039-31190



### Location

SHL: 1680' FSL 591' FWL Sec: 6 Twnshp: 23N Rge: 6W  
BHL: 369' FSL 229' FWL Sec: 1 Twnshp: 23N Rge: 7W

Lat: 36.25111  
Long: -107.51718

Spud Date: 10/15/2013  
Completion: 3/5/2014  
Pool Name: CHACO UNIT NE HZ OIL  
Pull tieback: add GLV: 5/22/2014  
GLV Repair: 7/11/18  
Convert from GLV to Rod: 10/12/2018

wellbore update: 10/16/18 LG

<i>Tops</i>	<i>MD</i>	<i>TVD</i>
Ojo Alamo	1469'	1449'
Kirtland	1797'	1764'
Pictured Cliffs	2093'	2050'
Lewis	2204'	2157'
Chacra	2538'	2479'
Cliff House	3673'	3575'
Menefee	3705'	3606'
Point Lookout	4443'	4316'
Mancos	4668'	4532'
Gallup	5086'	4935'

Land tubing @ 5356' w 169 jnts of 2-7/8", J-55, 6.5#

Tubing/Rod detail: picked up and RIHW 30' 1 1/4 dip tube, 2 1/2 x 1 1/4 x 12' x 14' RWAC rod pump, 12-4' stabilizers, 12-1 1/4 sinker bars, Stabilizers set on top of pump and spaced between each sinker bar. Ran 181-3/4 x 2.5 5 per guided rods, 15-3/4 slick rods, 1-2' pony rod, and 1-26 x 1 1/4 spray metal polished rod. Loaded tubing with 30 bbl's of 2% KCl water, pressured up to 700# tubing held (good test). Stroked pump with the rig tubing pressured up to 500# (good pump action)

Frac: 6199'-10576'

12 1/4"  
Hole

8 3/4"  
Hole

6 1/8"  
Hole

Surface: 9-5/8" 19 jnts  
40# J-55 ST&C csg, set @  
417', float collar @ 375'  
Cmt'd 245sx of Type I-II.  
Circ., 18bbbls of cmt to

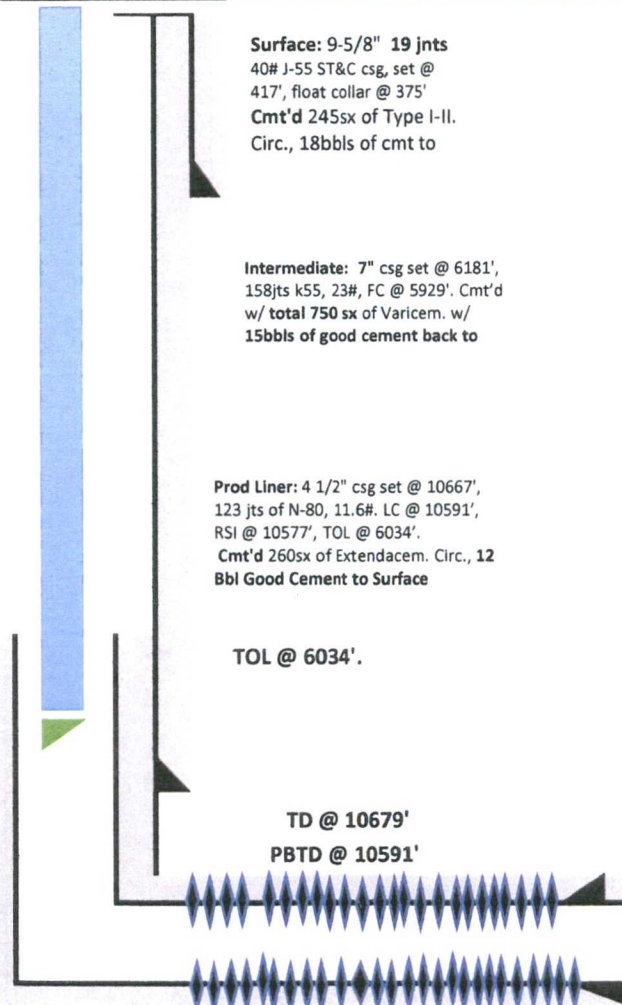
Intermediate: 7" csg set @ 6181',  
158jts k55, 23#, FC @ 5929'. Cmt'd  
w/ total 750 sx of Varicem. w/  
15bbbls of good cement back to

Prod Liner: 4 1/2" csg set @ 10667',  
123 jts of N-80, 11.6#. LC @ 10591',  
RSI @ 10577', TOL @ 6034'.  
Cmt'd 260sx of Extendacem. Circ., 12  
Bbl Good Cement to Surface

TOL @ 6034'.

TD @ 10679'

PBTD @ 10591'





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

RECEIVED  
OCT 16 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.  
NMSF78362  
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: 1680' FSL & 591' FWL SEC 6 23N 6W  
BHL: 369' FSL & 229' FWL SEC 1 23N 7W

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

8. Well Name and No.  
NE CHACO COM #179H

9. API Well No.  
30-039-31190

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

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Convert from</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>GLV to Rod</u>
				<u>Pump</u>

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 to 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. of the unit 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.)

**10/9/18-** MIRU. Pull tubing and gas lift.

**10/10/18-10/11/18-** Cont. TIH

**10/12/18-** TIH W/TBG. Land tubing @ 5356' w 169 jnts of 2-7/8", J-55, 6.5#

Tubing/Rod detail: picked up and RIHW 30' 1 1/4 dip tube, 2 1/2 X 1 1/4 X 12' X 14' RWAC rod pump, 12-4' stabilizers, 12-1 1/4 sinker bars. Stabilizers set on top of pump and spaced between each sinker bar. Ran 181-3/4 x 2.5 5 per guided rods, 15-3/4 slick rods, 1-2' pony rod, and 1-26 x 1 1/4 spray metal polished rod. Loaded tubing with 30 bbl's of 2% Kcl water, pressured up to 700# tubing held (good test). Stroked pump with the rig tubing pressured up to 500# (good pump action)

**10/15/18-** RDMO

OCT 19 2018  
DISTRICT III  
ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE  
By: 

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

Lacey Granillo

Title Permit Specialist

Signature

Date 10/16/18

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.

NMOC

**NE CHACO COM #179H**  
**API # 30-039-31190**



**Location**

SHL: 1680' FSL 591' FWL Sec: 6 Twnshp: 23N Rge: 6W  
 BHL: 369' FSL 229' FWL Sec: 1 Twnshp: 23N Rge: 7W

Lat: 36.25111  
 Long: -107.51718

Spud Date: 10/15/2013  
 Completion: 3/5/2014  
 Pool Name: CHACO UNIT NE HZ OIL  
 Pull tieback: add GLV: 5/22/2014  
 GLV Repair: 7/11/18  
 Convert from GLV to Rod: 10/12/2018

wellbore update: 10/16/18 LG

<i>Tops</i>	<i>MD</i>	<i>TVD</i>
Ojo Alamo	1469'	1449'
Kirtland	1797'	1764'
Pictured Cliffs	2093'	2050'
Lewis	2204'	2157'
Chacra	2538'	2479'
Cliff House	3673'	3575'
Menefee	3705'	3606'
Point Lookout	4443'	4316'
Mancos	4668'	4532'
Gallup	5086'	4935'

Land tubing @ 5356' w 169 jnts of 2-7/8", J-55, 6.5#

Tubing/Rod detail: picked up and RIHW 30' 1 1/4 dip tube, 2 1/2 X 1 1/4 X 12' X 14' RWAC rod pump, 12-4' stabilizers, 12-1 1/4 sinker bars, Stabilizers set on top of pump and spaced between each sinker bar. Ran 181-3/4 x 2.5 5 per guided rods, 15-3/4 slick rods, 1 -2' pony rod, and 1- 26 x 1 1/2 spray metal polished rod. Loaded tubing with 30 bbl's of 2% Kcl water, pressured up to 700# tubing held (good test). Stroked pump with the rig tubing pressured up to 500# (good pump action)

Frac: 6199'-10576'

12 1/4"  
Hole

8 3/4"  
Hole

6 1/8"  
Hole

Surface: 9-5/8" 19 jnts  
 40# J-55 ST&C csg, set @  
 417', float collar @ 375'  
 Cmt'd 245sx of Type I-II.  
 Circ., 18bbbs of cmt to

Intermediate: 7" csg set @ 6181',  
 158jts k55, 23#, FC @ 5929'. Cmt'd  
 w/ total 750 sx of Varicem. w/  
 15bbbs of good cement back to

Prod Liner: 4 1/2" csg set @ 10667',  
 123 jts of N-80, 11.6#. LC @ 10591',  
 RSI @ 10577', TOL @ 6034'.  
 Cmt'd 260sx of Extendacem. Circ., 12  
 Bbl Good Cement to Surface

TOL @ 6034'.

TD @ 10679'

PBTD @ 10591'