

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.
NMSF078362
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 Resource 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: 1691' FSL & 572' FWL SEC 6 23N 6W
BHL: 1496' FSL & 250' FWL SEC 1 23N 7W

7. If Unit of CA/Agreement, Name and/or No.
NMNM-132829

8. Well Name and No.
NE CHACO COM #178H

9. API Well No.
30-039-31200

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	AMENDED
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Convert from</u>
				<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 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.)

10/2/18- MIRU. Pull tubing, gas lift and packer.

10/3/18-10/4/18- Cont. TIH

10/5/18- TIH W/TBG. Land tubing @ 5454' w 172 jnts of 2-7/8", J-55, 6.5#

Tubing/Rod detail: Picked up and RIHW 30' 1 1/4 dip tube, 1-1 1/4 X 1 1/2 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. 184-3/4 x 2.5 4-per guided rods, 16-3/4 slick rods, 1-2' pony rod, 1-6' pony rod, 26 x 1 1/2 spray metal polished rod. Loaded tubing with 31 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)
RDMO

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 FY

NE CHACO COM #178H

API # 30-039-31200



Location

SHL: 1691' FSL 572' FWL Sec: 6 Twnshp: 23N Rge: 6W
BHL: 1496' FSL 250' FWL Sec: 1 Twnshp: 23N Rge: 7W

Lat: 36.25114
Long: -107.51724

Spud Date: 12/4/113
Completion: 3/2/2014
Pool Name: CHACO UNIT NE HZ OIL
Pull Tieback run GLV: 5/28/2014
Pull GLV Rod Pump: 10/5/2018

wellbore update: 10/16/18 LG

Tops	MD	TVD
Ojo Alamo	1457'	1451'
Kirtland	1772'	1764'
Pictured Cliffs	2054'	2044'
Lewis	2166'	2156'
Chacra	2497'	2485'
Cliff House	3590'	3572'
Menefee	3629'	3612'
Point Lookout	4334'	4317'
Mancos	4559'	4542'
Gallup	4964'	4946'

Land tubing @ 5454' w 172 jnts of 2-7/8", J-55, 6.5#
Tubing/Rod detail: Picked up and RIHW 30' 1 1/4 dip tube, 1-1 1/4 X 1 1/4 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. 184-3/4 x 2.5 4-per guided rods, 16-3/4 slick rods, 1 -2' pony rod, 1-6' pony rod, 26 x 1 1/2 spray metal polished rod. Loaded tubing with 31 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 : 6063'-10459' MD

12 1/4"
Hole

8 3/4"
Hole

6 1/8"
Hole

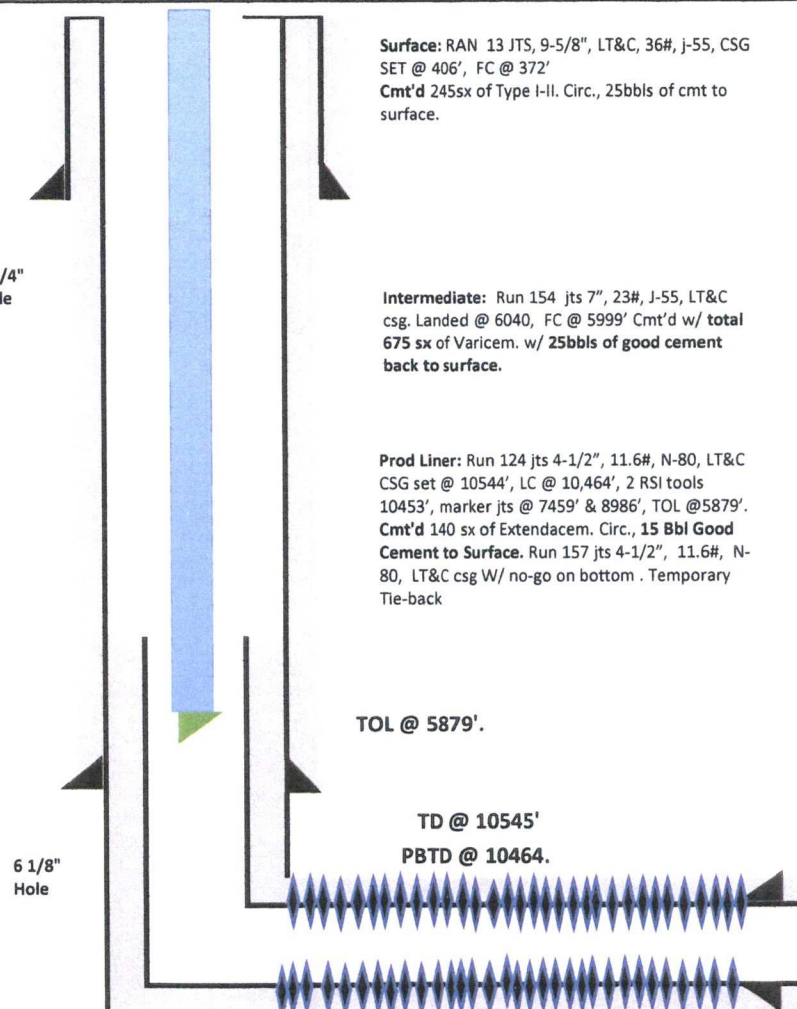
Surface: RAN 13 JTS, 9-5/8", LT&C, 36#, J-55, CSG SET @ 406', FC @ 372'
Cmt'd 245sx of Type I-II. Circ., 25bbbls of cmt to surface.

Intermediate: Run 154 jts 7", 23#, J-55, LT&C csg. Landed @ 6040, FC @ 5999' Cmt'd w/ total 675 sx of Varicem. w/ 25bbbls of good cement back to surface.

Prod Liner: Run 124 jts 4-1/2", 11.6#, N-80, LT&C CSG set @ 10544', LC @ 10,464', 2 RSI tools 10453', marker jts @ 7459' & 8986', TOL @ 5879'. Cmt'd 140 sx of Extendacem. Circ., 15 Bbl Good Cement to Surface. Run 157 jts 4-1/2", 11.6#, N-80, LT&C csg W/ no-go on bottom . Temporary Tie-back

TOL @ 5879'.

TD @ 10545'
PBTD @ 10464.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 16 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.
NMSF078362
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 Resource 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: 1691' FSL & 572' FWL SEC 6 23N 6W
BHL: 1496' FSL & 250' FWL SEC 1 23N 7W

7. If Unit of CA/Agreement, Name and/or No.
NMNM-132829

8. Well Name and No.
NE CHACO COM #178H

9. API Well No.
30-039-31200

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 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.)

10/2/18- MIRU. Pull tubing and gas lift.

10/3/18-10/4/18- Cont. TIH

10/5/18- TIH W/TBG. Land tubing @ 5454' w 172 jnts of 2-7/8", J-55, 6.5#

Tubing/Rod detail: Picked up and RIHW 30' 1 1/4 dip tube, 1-1 3/4 X 1 1/2 X 14' RWAC rod pump, 12-4' stabilizers, 12-1 1/2 sinker bars, Stabilizers set on top of pump and spaced between each sinker bar. 184-3/4 x 2.5 4-per guided rods, 16-3/4 slick rods, 1-2' pony rod, 1-6' pony rod, 26 x 1 1/2 spray metal polished rod. Loaded tubing with 31 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)
RDMO

ACCEPTED FOR RECORD

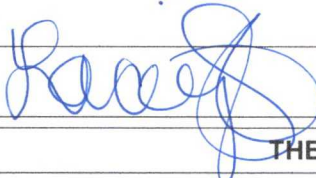
FARMINGTON FIELD OFFICE
By: 

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.

NMOCD

OCT 19 2018

DISTRICT III

NMOCD

NE CHACO COM #178H

API # 30-039-31200



Location

SHL: 1691' FSL 572' FWL Sec: 6 Twnshp: 23N Rge: 6W
BHL: 1496' FSL 250' FWL Sec: 1 Twnshp: 23N Rge: 7W

Lat: 36.25114
Long: -107.51724

Spud Date: 12/4/113
Completion: 3/2/2014
Pool Name: CHACO UNIT NE HZ OIL
Pull Tieback run GLV: 5/28/2014
Pull GLV Rod Pump: 10/5/2018

wellbore update: 10/16/18 LG

Tops	MD	TVD
Ojo Alamo	1457'	1451'
Kirtland	1772'	1764'
Pictured Cliffs	2054'	2044'
Lewis	2166'	2156'
Chacra	2497'	2485'
Cliff House	3590'	3572'
Menefee	3629'	3612'
Point Lookout	4334'	4317'
Mancos	4559'	4542'
Gallup	4964'	4946'

Land tubing @ 5454' w 172 jnts of 2-7/8", J-55, 6.5#

Tubing/Rod detail: Picked up and RIHW 30' 1 1/4 dip tube, 1-1 1/2 X 1 1/2 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. 184-3/4 x 2.5 4-per guided rods, 16-3/4 slick rods, 1 -2' pony rod, 1-6' pony rod, 26 x 1 1/2 spray metal polished rod. Loaded tubing with 31 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 : 6063'-10459' MD

12 1/4"
Hole

8 3/4"
Hole

6 1/8"
Hole

Surface: RAN 13 JTS, 9-5/8", LT&C, 36#, J-55, CSG SET @ 406', FC @ 372'
Cmt'd 245sx of Type I-II. Circ., 25bbbls of cmt to surface.

Intermediate: Run 154 jts 7", 23#, J-55, LT&C csg. Landed @ 6040, FC @ 5999' Cmt'd w/ total 675 sx of Varicem. w/ 25bbbls of good cement back to surface.

Prod Liner: Run 124 jts 4-1/2", 11.6#, N-80, LT&C CSG set @ 10544', LC @ 10,464', 2 RSI tools 10453', marker jts @ 7459' & 8986', TOL @ 5879'. Cmt'd 140 sx of Extendacem. Circ., 15 Bbl Good Cement to Surface. Run 157 jts 4-1/2", 11.6#, N-80, LT&C csg W/ no-go on bottom. Temporary Tie-back

TOL @ 5879'.

TD @ 10545'

PBTD @ 10464.

