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MAY 31 2019

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Farmington Field Office
Surface Wells 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. NMSF78362
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 #266H
3a. Address 200 Energy Court Farmington NM 87401	3b. Phone No. (include area code) 505-636-9743	9. API Well No. 30-039-31263
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1437' FNL & 195' FWL SEC 8 23N 6W BHL: 1561' FNL & 229' FEL SEC 8 23N 6W		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 to Rod</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Pump</u>

BP

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 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.)

NMOCD

JUL 16 2019

DISTRICT III

5/20/19 thru 5/22/19- MIRU.
Release packer and pull GLV and tubing

5/23/19- Land tubing @ 5668' w/ 173 jnts 2-7/8", J-55, 6.5#
RIH WITH NEW ROD STRING AS FOLLOWS, { 1 1/2" X 26' CENTER SPRAY POLISH ROD, 6' 8" X 7/8" PONY SUBS, 62 X 7/8" GUIDED RODS W/3/PER, 132 X 3/4" GUIDED RODS W/4/PER, 28 X 1" GUIDED RODS W/4/PER, 4' X 7/8" STABILIZER SUB W/3/PER, NEW 26K SHEAR TOOL, 2 1/2" X 1 1/4" X 16' X 18' RHBC PUMP WITH S.CALI VALVES, EQ-TV, SAND CHECK, BBL.RING AND 1.50 FISHING NECK. 1 1/4" X 15' DIP TUBE. } TAG/SPACE OUT AND LOAD TEST WITH RIG PUMP AND STROKING PUMP TO 500/PSI. GOOD TEST.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo		Title Permit Specialist
Signature	Date 5/31/19	

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	

ACCEPTED FOR RECORD
JUL 16 2019
FARMINGTON FIELD OFFICE
BY:

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

NE CHACO COM 266H

API # 30-039-31263



Location

SHL: 1437' FNL 195' FWL Sec: 8 Twnshp: 23N Rge: 6W
 BHL: 1561' FNL 229' FEL Sec: 8 Twnshp: 23N Rge: 6W

Spud Date: 10/29/2014
 Completion: 3/4/2015
 Pool Name: Chaco Unit NE HZ
 Rod Pump: 5/23/2019

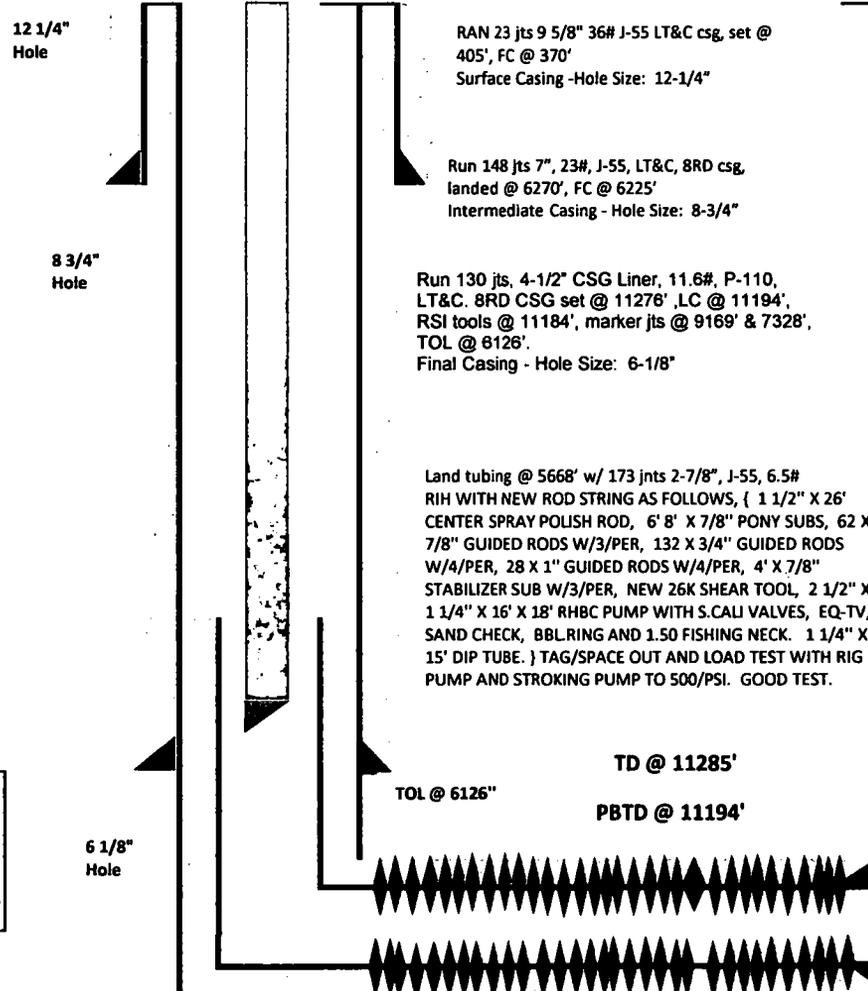
Lat: 36.242469
 Long: -107.500708

wellbore update: 5/30/19

Tops	MD	TVD
Ojo Alamo:	1380' MD	1367' TVD
Kirtland:	1764' MD	1724' TVD
Picture Cliffs:	2033' MD	1972' TVD
Lewis:	2140' MD	2070' TVD
Chacra:	2492' MD	2389' TVD
Cliff House:	3713' MD	3492' TVD
Menefee:	3758' MD	3535' TVD
Point Lookout:	4464' MD	4207' TVD
Mancos:	4696' MD	4437' TVD
Gallup:	5131' MD	4871' TVD

Fract & Perfed 6310'-11121'. 17 stages

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu. ft.	Surface
8-3/4"	7"	1017 sx	1475 cu. ft.	Surface
6-1/8"	4-1/2"	405 sx	573 cu. ft.	TOL 6126'



RAN 23 jts 9 5/8" 36# J-55 LT&C csg, set @ 405', FC @ 370'
 Surface Casing -Hole Size: 12-1/4"

Run 148 jts 7", 23#, J-55, LT&C, 8RD csg, landed @ 6270', FC @ 6225'
 Intermediate Casing - Hole Size: 8-3/4"

Run 130 jts, 4-1/2" CSG Liner, 11.6#, P-110, LT&C. 8RD CSG set @ 11276', LC @ 11194', RSI tools @ 11184', marker jts @ 9169' & 7328', TOL @ 6126'.
 Final Casing - Hole Size: 6-1/8"

Land tubing @ 5668' w/ 173 jnts 2-7/8", J-55, 6.5# RIH WITH NEW ROD STRING AS FOLLOWS, { 1 1/2" X 26' CENTER SPRAY POLISH ROD, 6' 8" X 7/8" PONY SUBS, 62 X 7/8" GUIDED RODS W/3/PER, 132 X 3/4" GUIDED RODS W/4/PER, 28 X 1" GUIDED RODS W/4/PER, 4' X 7/8" STABILIZER SUB W/3/PER, NEW 26K SHEAR TOOL, 2 1/2" X 1 1/4" X 16' X 18' RHBC PUMP WITH S.CALI VALVES, EQ-TV, SAND CHECK, BBLRING AND 1.50 FISHING NECK. 1 1/4" X 15' DIP TUBE. } TAG/SPACE OUT AND LOAD TEST WITH RIG PUMP AND STROKING PUMP TO 500/PSI. GOOD TEST.

TOL @ 6126"
 TD @ 11285'
 PBTD @ 11194'

6 1/8" Hole