

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JAN 29 2019

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

Farmington Field Office
Bureau of Land Management

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 Ct 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: 1492' FNL & 303' FWL SEC 12 23N 7W
BHL: 563' FNL & 379' FWL SEC 11 23N 7W

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

8. Well Name and No.
NE CHACO COM #168H

9. API Well No.
30-039-31173

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 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Tubing depth</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>change</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 recomplete 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.)

12/31/18- MIRU. Pull tubing

1/1/19- SD for holiday

1/2/19- TIH W/TBG. Land tubing @ 5553' w 178 jnts of 2-3/8", J-55, 4.7#

1/3/19- Tubing/Rod detail: CHANGE OVER TO RUN RODS PICK UP NEW PUMP AND PRIME WITH DIESEL, RIHW 2" X 1 1/2" X 12' X 14' RHBC W/ MAX STROKE OF 100" 26K SHEAR TOOL 24-7/8 X 4 PER 2" GUIDED RODS 27-3/4 X 4 PER 2" GUIDED RODS 29-3/4 X 6 PER 2" GUIDED RODS 87-3/4 X 4 PER 2" GUIDED RODS 29-3/4 X 6 PER 2" GUIDED RODS 17-3/4 SLICK RODS 3-8" 3/4 PONY RODS, 2' X 3/4" PONY ROD, 1 1/4 X 26' CENTER SPRAY POLISHED ROD RDMO

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

Lacey Granillo

Title Permit Specialist

Signature

Date

1-28-19

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.

NMOC

FEB 08 2019

DISTRICT III

NMOC AV



Chaco 2307-12E #168H LYBROOK GALLUP Horizontal

(page 1)

Spud: 5/9/13

Completed: 7/30/13

Install gas lift: 4/16/14

Remove GLV install Rod Pump: 10/16/18

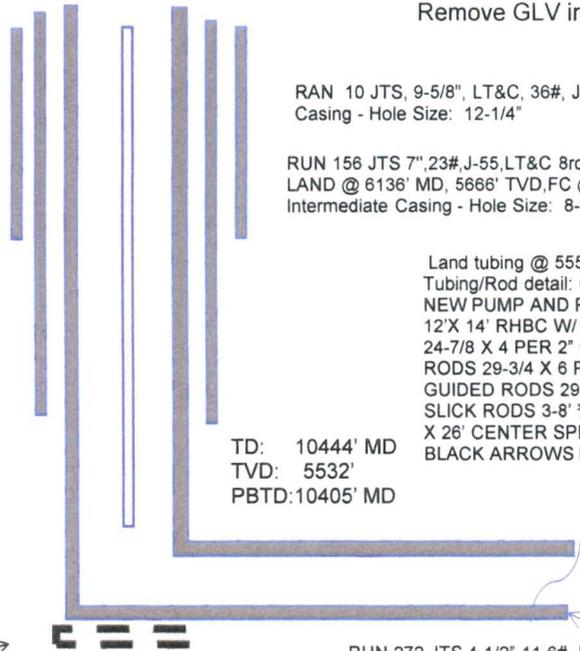
Tbng length: 1/3/19

Surface Location: 1492' FNL & 303' FWL
SW/4 NW/4 Section 12 (E), T23N, R7W

BHL: 563' FNL & 379' FWL
NE/4 NE/4 Section 11 (D), T23N, R 7W

RIO ARRIBA Co., NM
Elevation: 7036' GR
API: 30-039-31173

Tops	MD	TVD
Ojo Alamo	1461'	1455'
Kirtland	1597'	1587'
Pictured Cliffs	2082'	2054'
Lewis	2200'	2167'
Chacra	2560'	2514'
Cliff House	3662'	3576'
Menefee	3717'	3629'
Point Lookout	4465'	4354'
Mancos	4683'	4569'
Gallup	5096'	4981'



RAN 10 JTS, 9-5/8", LT&C, 36#, J-55, CSG SET @ 442'. FC @ 398'
Casing - Hole Size: 12-1/4"

RUN 156 JTS 7", 23#, J-55, LT&C 8rd, CASING.
LAND @ 6136' MD, 5666' TVD, FC @ 6095 MD
Intermediate Casing - Hole Size: 8-3/4"

Land tubing @ 5553' w 178 jnts of 2-3/8", J-55, 4.7#
Tubing/Rod detail: CHANGE OVER TO RUN RODS PICK UP
NEW PUMP AND PRIME WITH DIESEL, RIHW 2" X 1 1/4" X
12" X 14' RHBC W/ MAX STROKE OF 100" 26K SHEAR TOOL
24-7/8 X 4 PER 2" GUIDED RODS 27-3/4 X 4 PER 2" GUIDED
RODS 29-3/4 X 6 PER 2" GUIDED RODS 87-3/4 X 4 PER 2"
GUIDED RODS 29-3/4 X 6 PER 2" GUIDED RODS 17-3/4
SLICK RODS 3-8' 3/4 PONY RODS, 2' X 3/4" PONY ROD, 1 1/4
X 26' CENTER SPRAY POLISHED ROD SPACED OUT PER
BLACK ARROWS RECOMMENDATIONS {

TD: 10444' MD
TVD: 5532'
PBTD: 10405' MD

8-3/4" pilot hole TD @
6175' drilled for logs,
Plugged back to 3577'.

RUN 272 JTS 4-1/2" 11.6#, N-80, 8RD
LT&C CASING. SET @ 10433' MD
(5532' TVD), MARKER JTS @ 9096',
7561' AND 5102 MD. FC SET @ 10405'
Production Casing - Hole Size: 6-1/8"

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	225 sx	298cu.ft.	Surface
8-3/4"	7"	1035 sx	1440 cu.ft.	Surface
6-1/8"	4-1/2"	420 sx	571cu. ft.	3750' TOC