

# Rodeo Unit #510H

API #:30-045-35871

Spud Date: 9/25/2018  
Completion Date:7/9/19

SHL: 1511' FNL 409' FEL Sec: 25 Twnshp: 23N Rge: 9W  
BHL: 356' FSL 2325' FWL Sec: 32 Twnshp: 23N Rge: 8W

Lat: 36.200912 Long: -107.732912  
County: San Juan NM  
Elevation: 6883' GL 6908' KB

Created By: TJOYCE 7/16/19  
Modified By: Igranillo 7/25/19

## Current Wellbore

### 59 Stage Completion (6/24/19-7/5/19):

Perfs: 5,460' – 15,657'  
0.42" EHD perfs (1571 holes)  
Effective Lateral: 10,197'  
Perf Spacing: 17.5'  
Ft/Stg: 180 ft/stg  
Total Fluid: 226,199 bbls  
Fluid/stg: 3,833 bbl/stg  
Avg Treating Pressure: psi

Total Prop (30/50): 18,373,760 lbs  
# Sand/Effect Ft: 1,801 lbs/ft

OJAM	551.25
KRLD	632.78
FRID	858.4
PCCF	1169.07
LWIS	1330.11
HRRN	1508.21
CHCR_A	1601.63
CHCR_B	1926.54
CLFH_A	2343.7
CLFH_BASAL	2685.97
MENF	2708.29
PNLK	3736.69
MNCS	3888.96
Manco's Silt	4455.96
Gallup	4986.6

### Directional Data:

40° @ ~4,698'  
50° @ ~4,824'  
60° @ ~5,013'/ 4,740' TVD  
70° @ ~5,135'  
80° @ ~5,232'  
90° @ ~5,700'/ 4842' TVD

17 1/2" Hole

12 1/4" Hole

8 1/2" Hole

KOP~ 4,400'

**13 3/8" Surface** 54.5# J-55 BTC @  
273.5' Cmt w/ 320 sxs type G Lead  
@15.8 ppg. Dropped plug & disp w/  
31.8 bbls H2O, bump plug, circ 29  
bbls cmt to surface.

**9-5/8" Intermediate** 36# LT&C  
to 2850'. Cemented w/ 610 sxs  
Lead, 180 sxs Tail. Circulated  
65 bbls cmt to surface. BURST  
= 3950 psi.

**5-1/2" Production** 17# P-110 to 15,787'  
(LT&C). PBTD = 15,657'. Cemented w/ 218  
bbls 12.4# lead, 520.7 bbls tail cmt @ 13.3#.  
Circ 418 bbls clean cement to surface, floats  
held, plug didn't bump. Burst 5-1/2" 17# P-110  
LT&C = 10,640 psi, 80% = 8512 psi. 5-1/2"  
Displacement (4.892" ID, 4.767" drift) =  
0.02324 bbls/ft.

### BHA Detail: (7/9/19)

Landed tubing @ 5034' w/ 160 Jnts of 2 7/8",  
6.5#, L-80, 6 GLV, packer set @ 5023'

PBTD: 15,657'  
TD: 15,787' MD  
TVD: 4,842'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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. <b>NMNM120377</b>
1. Type of Well <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 <b>Enduring Resources IV, LLC</b>		7. If Unit of CA/Agreement, Name and/or No. <b>NMNM136328A</b>
3a. Address <b>200 Energy Court    Farmington NM 87401</b>	3b. Phone No. (include area code) <b>505-636-9743</b>	8. Well Name and No. <b>RODEO UNIT #510H</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SHL: 1511' FNL &amp; 409' FEL Sec 25 T23N R9W H</b> <b>BHL: 356' FSL &amp; 2325' FWL Sec 32 T23N R8W N</b>		9. API Well No. <b>30-045-35871</b>
		10. Field and Pool or Exploratory Area <b>Basin Mancos</b>
		11. Country or Parish, State <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 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 checked="" type="checkbox"/> Other <u>Gas Delivery</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 recompleate 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 recompleation 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.)

Date: 7/24/19  
Time: 12:00 pm  
Flow: 417 MCF  
BBLs: 744 BBL 24hr  
Tubing: 80  
Casing: 900

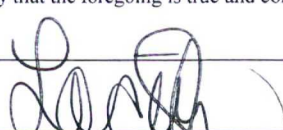
NMOCD

CONFIDENTIAL

SEP 03 2019

DISTRICT III

Choke Size= 60/64", Tbg Prsr=80, Csg Prsr= 900 psi, Sep Prsr= 87psi, Sep Temp= 107 degrees F, Flow Line Temp= NA degrees F, Flow Rate= 417 mcf/d, 24hr Fluid Avg= 31 bph, 24hr Wtr= 696 bbls, 24hr Wtr Avg= 29 ph, Total Wtr Accum= 3,380 bbls, 24hr Oil= 48 bbls, 24hr Oil Avg= 2 bph, 24hr Fluid= 744 bbls

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo	Title: Permit Specialist
Signature 	Date: 7/25/19

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
		AUG 2019
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.

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ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE  
BY: 