

Well Name: RODEO UNIT	Well Location: T23N / R9W / SEC 25 / SESW / 36.191178 / -107.744935	County or Parish/State: SAN JUAN / NM
Well Number: 513H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NOG13121859	Unit or CA Name:	Unit or CA Number: NMNM136328A, NMNM136328X
US Well Number: 3004535873	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2709474

Type of Submission: Subsequent Report

Type of Action: Casing

Date Sundry Submitted: 01/04/2023

Time Sundry Submitted: 03:55

Date Operation Actually Began: 12/08/2022

Actual Procedure: 12/8/2022- Test 9 5/8" Casing to 1,500 for 30 min Test BOP as follows: Tested Choke manifolds and Blind's 250 psi (Low) for 5 min, 3000 psi (High) for 10 min. Tested upper and lower pipe rams 250 psi (Low) for 5 min, 3000 psi (High) for 10 min. Tested Annular 250 psi (Low) for 5 min, 3000 psi (High) for 10 min. All tests good 12/9/2022 thru 12/17/2022- Drilling 8-1/2" hole. TD 8-1/2" @ 15,070' 12/17/2022 - Run 5-1/2" Production Casing , 1 Jts of 5-1/2", 20# P-110, BT&C, csng set @ 15,070', PBSD @ 14,988'. Cement Summary: PJSM with American Cementing. Pressure tested lines to 6,500 psi. Pumped 60 bbls Intraguard Star @11.0 ppg. Pumped Lead Cement: 204 bbls 480 sx) ASTM Type I/II at 12.4 ppg, 2.39 ft3/sk, 13.28 gal H2O/sk. Pumped Tail Cement: 507 bbls (1803 sx) Class G Cement at 13.3 ppg, 1.58 ft3/sk, 7.58 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 333 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,157-- psi Bump Plug at 4.0 bpm to 3,369- psi. Bled back 3 Bbls and floats held. Cement From 18:45 To 22:15 - 12/17/2022 Top of Tail: Calculated 2,796ft MD. Top of Lead: Surface Cement Back 45 BBL, Calculated Back 60 bbl's Cement in place at 22:15 on 12/17/2022, Total Sacks: 2283 sks, Total bbl: 711 bbl 12/22/2022-Released Rig @ 18:00

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County or Parish/State: SAN JUAN / NM

Well Number: 513H

Type of Well: OIL WELL

Allottee or Tribe Name: EASTERN NAVAJO

Lease Number: N0G13121859

Unit or CA Name:

Unit or CA Number: NMNM136328A, NMNM136328X

US Well Number: 3004535873

Well Status: Drilling Well

Operator: ENDURING RESOURCES LLC

SR Attachments

Actual Procedure

4_final_casing_Rodeo_513H_20230104155513.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KAYLA WHITE

Signed on: JAN 04, 2023 03:55 PM

Name: ENDURING RESOURCES LLC

Title: Staff Engineer

Street Address: 9446 CLERMONT ST

City: THORNTON

State: CO

Phone: (720) 768-3575

Email address: KWHITE@CDHCONSULT.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 01/04/2023

Signature: Kenneth Rennick

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND 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.
NO-G-1312-1859

6. If Indian, Allottee or Tribe Name
Eastern Navajo

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. NMNM136328A, NMNM136328X
2. Name of Operator Enduring Resources IV LLC		8. Well Name and No. Rodeo Unit 513H
3a. Address 200 Energy Court Farmington NM 87401	3b. Phone No. (include area code) 505-636-9743	9. API Well No. 30-045-35873
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 191' FSL & 1325' FWL, Sec 25 T23N, R9W BHL: 2433' FNL & 1917' FWL, Sec 6 T22N, R8W		10. Field and Pool or Exploratory Area Mancos/Basin Mancos
		11. Country or Parish, State San Juan, 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 checked="" type="checkbox"/> Other Production Casing
	<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 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.)

12/8/2022- Test 9 5/8" Casing to 1,500 for 30 min

Test BOP as follows: Tested Choke manifolds and Blind's 250 psi (Low) for 5 min, 3000 psi (High) for 10 min. Tested upper and lower pipe rams 250 psi (Low) for 5 min, 3000 psi (High) for 10 min. Tested Annular 250 psi (Low) for 5 min, 3000 psi (High) for 10 min. **All tests good**

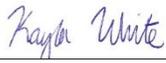
12/9/2022 thru 12/17/2022- Drilling 8-1/2" hole.

TD 8-1/2" @ 15,070'

12/17/2022 - Run 5-1/2" Production Casing, 1 Jts of 5-1/2", 20# P-110, BT&C, **csng set @ 15,070'**, PBTD @ **14,988'**.

Cement Summary: PJSM with American Cementing. Pressure tested lines to 6,500 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. **Pumped Lead Cement: 204 bbls 480 sx)** ASTM Type I/II at 12.4 ppg, 2.39 ft3/sk, 13.28 gal H2O/sk. **Pumped Tail Cement: 507 bbls (1803 sx)** Class G Cement at 13.3 ppg, 1.58 ft3/sk, 7.58 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 333 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,157-- psi Bump Plug at 4.0 bpm to 3,369- psi. Bled back 3 Bbls and floats held. Cement From 18:45 To 22:15 - 12/17/2022 Top of Tail: Calculated 2,796ft MD. Top of Lead: Surface Cement Back 45 BBL, Calculated Back 60 bbl's Cement in place at 22:15 on 12/17/2022, **Total Sacks: 2283 sks, Total bbl: 711 bbl**

12/22/2022-Released Rig @ 18:00

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Kayla White	Title: Environmental Engineer
	Date: 1/4/2023

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.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 173382

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 173382
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/25/2023