

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. NM-058678

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

14-08-0001014277 (NMNM70953X)

8. Well Name and No. GRM UNIT #4 ✓

9. API Well No. 30-025-21334 ✓

10. Field and Pool or Exploratory Area
Morrow Formation, Grama Ridge

11. Country or Parish, State

Lea County, NM

1. Type of Well

Oil Well Gas Well Other Natural Gas Storage

2. Name of Operator Enstor Grama Ridge Storage and Transportation, LLC ✓

3a. Address 20329 State Hwy 249, Suite 500
Houston, TX 77070

3b. Phone No. (include area code)
(281) 374-3050

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2310' FNL and 2310' FWL of Section 4, Township 22S, Range 34E ✓

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 checked="" 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 recomplate 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.)

GRM Unit #4 plugged and abandoned on 2-18-2019. Post plugging wellbore schematic is attached.

HOBBS OCD

MAY 20 2019

RECEIVED

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

Nick Nicodemus

Director, Land & Regulatory Affairs

Title

Signature

Date

03/05/2019

Accepted for Record THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

SAET

Date

4-19-19

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

CFO

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.

Enstor

Field: Grama Ridge Morrow	WELL	04
Lease/County: GR State/Lea County	DATE	2/18/2019
Location: F Unit, Section 4, Township 22S, Range 34E	API #:	30-025-21334

DRAWING STATUS	Actual P&A	DRAWING BY	CAL
-----------------------	-----------------------	-------------------	-----

Casing cut off below ground level and dry hole marker installed

Plug #7

Perforated 7-5/8" & 10-3/4" casings from 376' to 380' md
 Circulated and balanced 150 sx (36 bbls), 14.8 ppg, Class C Cement
 in 7-5/8" casing and 7-5/8" x 10-3/4" annulus
 Fill inside 7-5/8" casing & annulus = 380' to 4' md (tagged)
 Fill inside 10-3/4" x 16" annulus with 150 sx (35 bbls), Class C Cmt
 Top of cement at 4' md.

Plug #6

Perforated 7-5/8" & 10-3/4" casings from 1,800' to 1,796' md
 Balanced plug with 150 sx (36 bbls), 14.8 ppg, Class C Cement
 Circulated 8 bbls (211') of cement into the 7-5/8" x 10-3/4" annulus
 Squeezed 10 bbls of cement into the perforations
 Fill inside 7-5/8" casing = 1,792' to 1,232' (tagged)

Plug #5

Perforated 7-5/8" & 10-3/4" casings from 3,964' to 3,960' md
 Balanced plug with 100 sx (24 bbls), 14.8 ppg, Class C Cement
 Squeezed 7 bbls of cement into the perforations
 Fill inside 7-5/8" casing = 3,961' to 3,764' md (tagged)

Plug #4

Perforated 7-5/8" casing from 5,811' to 5,807' md
 Unable to squeeze perforations, held 700 psi
 Balanced plug with 100 sx (19 bbls), 16.4 ppg, Class H Cement
 Fill inside 7-5/8" casing = 5,865' to 5,433' md (tagged)

Plug #3

Perforated 7-5/8" casing from 8,376' to 8,380' md
 Unable to squeeze perforations, held 700 psi
 Balanced plug with 100 sx (19 bbls), 16.4 ppg, Class H Cement
 Fill inside 7-5/8" casing = 8,380' to 7,989' md (tagged)

Plug #2

Perforated 7-5/8" casing from 8,400' to 8,398' md
 Balanced plug with 150 sx (28 bbls), 16.4 ppg, Class H Cement
 Squeezed 12 bbls of cement into perforations
 Fill inside 7-5/8" casing = 8,391' to 8,402' md (tagged)

Plug #1

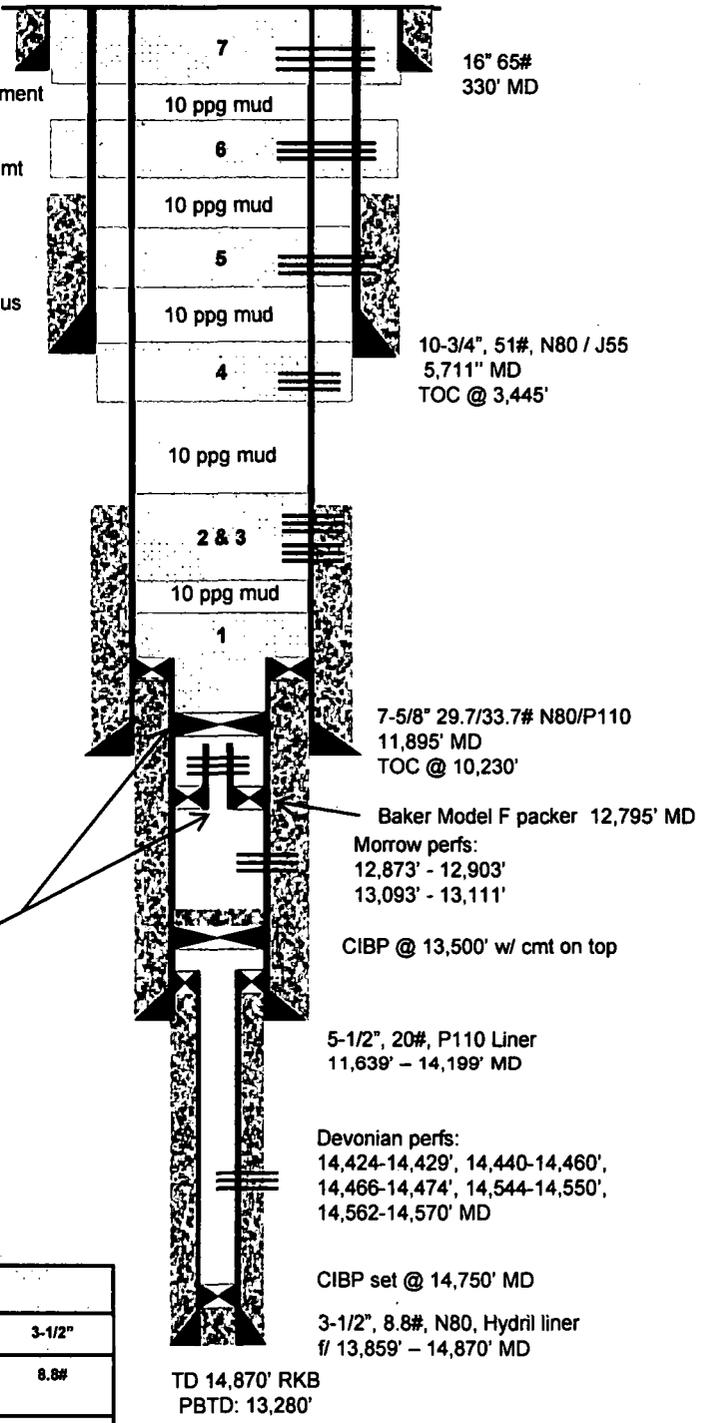
Balanced plug with 250 sx (48 bbls), 16.4 ppg, Class H Cement
 Fill = 12,725' to 11,193' md (tagged)

5-1/2" cement retainer set at 12,725' MD

3-1/2" tubing cut off at 12,744' MD

3-1/2" tubing perforated at 12,775' to 12,773' MD

Unable to Squeeze Cement into the Morrow Perforations



Casing Information					
Size	16"	10-3/4"	7-5/8"	5-1/2"	3-1/2"
Weight	65#	51#	29.7/33.7#	20#	8.8#
Grade / Thread		N80/J55	N80 P110	P110	N80
Depth	330'	5,711'	11,895'	11,639-14,199'	13,859-14,870'