

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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. LCO31621B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

HOBBS OCD

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator John H. Hendrix Corporation

3a. Address P. O. Box 3040  
Midland, TX 79702-30403b. Phone No. (include area code)  
(432) 684-66314. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
330' FNL & 330' FEL, Sec. 18, T20S, R37E, UL A

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

8. Well Name and No. Mexico No. 1

9. API Well No. 30-025-06163

10. Field and Pool or Exploratory Area  
EUMONT (QUEEN) Gas Pool11. Country or Parish, State  
LEA CO., 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)	INT TO PA P&A NR P&A R <i>pm.</i>
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	
	<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 recompleat 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 recompleat 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.)

The following is the report of P&A of the subject well. All procedure changes during operation were approved by the BLM representative on location.

11/1/16 Set CIBP @ 3170' to cover perfs (3219-3347'). Spot 25sx on top of plug. Circ csg w/ BLM approved P&A mud. WOC. Tag plug @ 3077'. Circ 100 bbls mud. GIH w/WL and Perf csg w/4 holes @ 2330'. GIH w/ pkr @ 2180'. Pump 120sx @ 2bpm, avg 1100#.

11/2/16 Tag plug @ 2200'. Perf w/4 holes @ 1200'. Set pkr @ 1080'. Pump 200sx @ 2.5bpm; never caught pressure.

11/3/16 Tag plug @ 1209'. Reset pkr @ 1080'. Test pkr @ 400#. Held. Pumped 70sx w/3% Ca, then 130sx w/2% Ca. Lost pressure again. Pumped additional 300sx and had returns to surface. Shut off pumps, pressure holding @ 500#. Bled off. Re-pressured to 500#. Held.

11/4/16 Tag plug @ 1085'. Circ csg w/mud. Pull up to 157'. Pump 25sx and POOH. Top off 7" csg w/ cmt.

11/7/16 Slight blow of gas on intermediate csg. Tested gas - 98% Nitrogen.

11/8/16 to 08/31/17 Monitor gas bleed-off. Test w/closed valve @ monthly increments. Last 3 tests: SI for 7-10 days: 0-1#, no puff on opening.

9/5/17. Cut off csg 3' bgs, set dry hole marker in accordance w/ BLM requirements. BLM representative on location.

Prep to restore surface in accordance to BLM requirements.

**RECLAMATION  
DUE 3-5-18**

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

Carolyn Doran Haynes

Engineer  
Title

Signature

*Carolyn Doran Haynes*

Date

09/19/2017

Accepted for Record THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*James C. Bono*

Title

*Supv MET*

Date

*10-23-17*

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

*CHD*

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.

(Instructions on page 2)

**FOR RECORD ONLY**  
*MW/OCD 10/31/2017*

# Mexico #1

330' FNL & 330' FEL, Sec 18, T20S, R37E, Lea County, New Mexico

UL A

DF Elev is 3564'

17" hole

Cmt plug 157' to surface

12 1/2" csg @ 280' w/ 250 sx circ

Lease Serial No. LC031621B

API # 30-025-06163

OGRID # 012024

12 1/4" hole

9 5/8" csg @ 1136' cmt w/300 sx circ

T Salt 1150'

Perf Csg @ 1200' w/700 sx. Circulate cmt to surface.  
TAG plug @ 1085'

B Salt 2280'

Perf Csg @ 2330' w/120sx. TAG @ 2200'

8 3/4" hole

TOC by CBL @ 2450' May 2009

Set CIBP @ 3170' w/25 sx. TAG @3077'



BLM Approved  
Mud

Eumont Queen perms @ 3219-3347' 15 holes May 2009  
cmt @ 3380'

BP @ 3415-3417' found hole thru May 2009



BLM Approved  
Cement

Sqz'd all w/ 152 sx May 2009  
Perfs @ 3463-3482' and 3510-3600'  
Grayburg @ 3655-3665'  
3690-3700' and 3722-3732' and 3754-3760'

7" csg @ 3782' w/300 sx

PB w/ hydromite to 3679'

TD =3852' PBTA = 3380'

Drawn

BY

2017

CDH

**John H. Hendrix Corporation**  
6 Desta Drive Suite 2100  
Midland, TX 79705

**Mexico #1**  
330' FNL & 330' FEL  
SEC 18, T20S, R37E  
Lea County New Mexico



RECEIVED  
MEXICO CITY  
SEP 25 1964  
OFFICE OF THE ATTORNEY GENERAL





**Certificate of Analysis**  
Number: 5030-16110058-001A

Midland Laboratory  
3312 Bankhead Highway  
Midland, TX 79701  
Phone 432-689-7252

Nov. 30, 2016

Station Name: INTERMEDIATE CSG  
Method: GPA-2261M  
Analyzed: 11/18/2016 16:00:43

Sampled By:  
Sample Of: Gas Spot  
Sample Date: 11/09/2016 11:00  
Sample Conditions: 50 psig

**Analytical Data**

Components	Mol. %	Wt. %	GPM at 14.696 psia		
Hydrogen Sulfide	0.0000	0.0000		GPM TOTAL C2+	0.1084
Nitrogen	97.0667	97.8676		GPM TOTAL C3+	0.0653
Methane	2.5381	1.4655		GPM TOTAL iC5+	0.0232
Carbon Dioxide	0.0358	0.0567			
Ethane	0.1617	0.1750	0.0431		
Propane	0.0984	0.1562	0.0270		
Iso-Butane	0.0150	0.0314	0.0049		
n-Butane	0.0325	0.0680	0.0102		
Iso-Pentane	0.0067	0.0174	0.0024		
n-Pentane	0.0058	0.0151	0.0021		
Hexanes	0.0060	0.0186	0.0025		
Heptanes Plus	0.0333	0.1285	0.0162		
	100.0000	100.0000	0.1084		

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.9592	3.7019
Calculated Molecular Weight	27.78	107.22
Compressibility Factor	0.9997	
26 # Gasoline	0.1084	

**GPA 2172-09 Calculation:**

Calculated Gross BTU per ft<sup>3</sup> @ 14.696 psia & 60°F

Real Gas Dry BTU	35.3	5875.8
Water Sat. Gas Base BTU	34.7	5773.3

Comments: H2O Mol% : 1.744 ; Wt% : 1.138

Hydrocarbon Laboratory Manager

**Quality Assurance:**

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.