

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC
Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM129733
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
NMNM134072
8. Well Name and No.
HAMON A FEDERAL COM 4H
9. API Well No.
30-025-41617-00-S1
10. Field and Pool, or Exploratory
TEAS
11. County or Parish, and State
LEA COUNTY, NM

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
LEGACY RESERVES OPERATING LP-Mail: csparkman@legacylp.com
Contact: CRAIG SPARKMAN
- 3a. Address
303 W WALL SUITE 1600
MIDLAND, TX 79702
- 3b. Phone No. (include area code)
Ph: 432-689-5200 Ext: 6334
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T20S R34E SWSE 420FSL 1920FEL
32.354534 N Lat, 103.354824 W Lon

APR 21 2016

RECEIVED

12. CHECK 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"/> Fracture Treat	<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
	<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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

HORIZONTAL LATERAL COMPLETION. SEE ATTACHED PROCEDURE.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #301770 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 09/02/2015 (15LJ1880SE)**

Name(Printed/Typed) CRAIG SPARKMAN Title OPERATIONS ENGINEER

Signature (Electronic Submission) Date 05/14/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APR 12 2016

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MAY 06 2016

HAMON FED COM A #4H

Subsequent Report for Form 3160-5

Horizontal Lateral Completion

11/25/14:

Install frac valve. RU pump truck. Establish injection rate of 7.3 BPM @ 5100# into toe sleeve.
RD pump truck.

12/8/14 to 12/14/14:

MIRU frac crew. Pump down CCL/GR logs. Pull logs from 16,138' MD to 9,800' MD. Frac'd horizontal lateral as follows:

Stage 1:

Perf: 15,841'-16,136' MD. Acidized w/3k gals 10% acid. Frac'd w/8821 bbls 20# XL gel, 303,971# 20/40 White, & 98,104# 20/40 OilPlus.

Stage 2:

Set flow-thru plug @ 15,796' MD. Plug did not shear off of setting tool. Could not pull out of rope socket. Attempt to shear plug from setting tool by shooting first perforating gun at 15,784' MD, no success. RU to pump down one hour timed WL cutting tool. While equalizing pressure to the lubricator the WL was sheared at the top of the lubricator due to insufficient grease. Bled pressure and removed WL cutting tool from lubricator. RU slickline truck & RIH w/wireline catch tool. Tag'd wireline @ 560'. Latched onto parted wireline and pulled to surface. RU & pumped down one hour timed WL cutting tool. RU cut off WL back onto WL truck & POH spooling WL. RD WL equipment. RU CTU. RIH w/2.25" grapple and overshot. Tag'd fish @ 15,624' MD. Worked overshot down to 15,784'. Pumped 200 bbls 17# kill mud. POH w/CT. Recovered remaining wireline and WL cutting tool. RIH w/2.25" grapple and overshot. Tag'd WL CCL tool @ 15,766' MD. Latched on and attempted to shear plug from setting tool, no success. Drop ball and shear off CT BHA. WL tools left in well: 5-1/2" flow-thru plug (1.25') @ 15,796' MD, setting sleeve (4.32" OD - 1.20'), Baker 20 setting tool w/firing head (3.82" OD - 6'), plug shoot (3.12" OD - 3.45'), sub (3.12" OD - 0.25'), gun (3.12" OD - 3'), sub (3.12" OD - 0.25'), gun (3.12" OD - 3'), sub (3.12" OD - 0.25'), gun (3.12" OD - 3'), sub (3.12" OD - 0.25'), CCL (3.12" OD - 2.6'), and cable head (1.7" OD - 1.50'). Total length of WL tools is 29.25'. CT fishing tools left in well: Overshot cutlip guide (3.88" OD - 0.23'), overshot extension (3.88" OD - 3'), series 150 overshot (3.88" OD), rotary sub (3.88" OD), ultra short fishing motor (2.88" OD), and hydraulic disconnect (2.88" OD). Total length of CT fishing tools is 13.83'. Top of fish is 15,753' MD.

12/15/14 to 12/18/14:

Resume fracturing horizontal lateral as follows:

Stage 2:

Set flow-thru plug @ 15,748' MD. Perf: 15,456'-15,734' MD. Acidized w/3k gals 10% acid. Frac'd w/6296 bbls 20# XL gel, 306,168# 20/40 White, & 100,523# 20/40 OilPlus.

Stage 3:

Set flow-thru plug @ 15,411' MD. Perf: 15,071'-15,366' MD. Acidized w/3k gals 10% acid.
Frac'd w/6559 bbls 20# XL gel, 304,049# 20/40 White, & 101,238# 20/40 OilPlus.

Stage 4:

Set flow-thru plug @ 15,026' MD. Perf: 14,686'-14,981' MD. Acidized w/3K gals 10% acid.
Frac'd w/6444 bbls 20# XL gel, 304,004# 20/40 White, & 100,562# 20/40 OilPlus.

Stage 5:

Set flow-thru plug @ 14,641' MD. Perf: 14,301'-14,596' MD. Acidized w/3k gals 10% acid.
Frac'd w/6574 bbls 20# XL gel, 305,538# 20/40 White, & 107,901# 20/40 OilPlus.

Stage 6:

Set flow-thru plug @ 14,256' MD. Perf: 13,916'-14,211' MD. Acidized w/3k gals 10% acid.
Frac'd w/6343 bbls 20# XL gel, 299,955# 20/40 White, & 101,274# 20/40 OilPlus.

Stage 7:

Set flow-thru plug @ 13,871' MD. Perf: 13,628'-13,826' MD. Acidized w/3k gals 10% acid.
Frac'd w/6190 bbls 20# XL gel, 297,688# 20/40 White, & 99,177# 20/40 OilPlus.

Stage 8:

Set flow-thru plug @ 13,486' MD. Perf: 13,146'-13,441' MD. Acidized w/3k gals 10% acid.
Frac'd w/6299 bbls 20# XL gel, 304,123# 20/40 White, & 97,300# 20/40 OilPlus.

Stage 9:

Set flow-thru plug @ 13,101' MD. Perf: 12,761'-13,056' MD. Acidized w/3k gals 10% acid.
Frac'd w/6245 bbls 20# XL gel, 301,544# 20/40 White, & 99,043# 20/40 OilPlus.

Stage 10:

Set flow-thru plug @ 12,716' MD. Perf: 12,376'-12,671' MD. Acidized w/3k gals 10% acid.
Frac'd w/6041 bbls 20# XL gel, 298,692# 20/40 White, & 55,544# 20/40 OilPlus.

Stage 11:

Set flow-thru plug @ 12,331' MD. Perf: 11,991'-12,286' MD. Acidized w/3k gals 10% acid.
Frac'd w/6953 bbls 20# XL gel, 308,789# 20/40 White, & 103,823# 20/40 OilPlus.

Stage 12:

Set flow-thru plug @ 11,964' MD. Perf: 11,586'-11,868' MD. Acidized w/3k gals 10% acid.
Frac'd w/6330 bbls 20# XL gel, 313,134# 20/40 White, & 112,754# 20/40 OilPlus.

RDMO frac crew & equipment.