

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Operator HOBBS OGD

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAR 07 2017

RECEIVED

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other [ ]
b. Type of Completion [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Reserv. [ ]
2. Name of Operator LEGACY RESERVES OPERATING LE-Mail: csparkman@legacylp.com
3. Address 303 W WALL SUITE 1600 MIDLAND, TX 79702
3a. Phone No. (include area code) Ph: 432-689-5200 Ext: 6334
4. Location of Well (Report location clearly and in accordance with Federal requirements)\*
10. Field and Pool, or Exploratory LEA BONE SPRING
11. Sec., T., R., M., or Block and Survey or Area Sec 13 T20S R34E Mer NMP
12. County or Parish LEA 13. State NM
14. Date Spudded 10/07/2015 15. Date T.D. Reached 10/26/2015 16. Date Completed [ ] D & A [X] Ready to Prod. 11/09/2015
17. Elevations (DF, KB, RT, GL)\* 3658 GL
18. Total Depth: MD 15548 TVD 10960 19. Plug Back T.D.: MD 15548 TVD 10960 20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR CCL CBL
22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit analysis)
Directional Survey? [ ] No [X] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)
Table with columns: Hole Size, Size/Grade, Wt. (#/ft.), Top (MD), Bottom (MD), Stage Cementer Depth, No. of Sk. & Type of Cement, Slurry Vol. (BBL), Cement Top\*, Amount Pulled

24. Tubing Record
Table with columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD)

25. Producing Intervals 26. Perforation Record
Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.
Table with columns: Depth Interval, Amount and Type of Material

28. Production - Interval A
Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Production Method

28a. Production - Interval B
Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Production Method

ACCEPTED FOR RECORD
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #327459 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* BLM REVISED \*\*

Reclamation due: 05/14/2016

KZ

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				RUSTLER	1680
				TOP OF SALT	1720
				BASE OF SALT	3150
				CAPITAN REEF	3150
				SAN ANDRES	4710
				DELAWARE	5666
				BONE SPRING LIME	8205
				AVALON	8760

32. Additional remarks (include plugging procedure):

QUESTION #44 CONTINUED:  
Amount & Type of Material:  
Frac'd w/45,531 gals 10% acid, 468,750# 100 mesh, 3,015,000# 30/50 white, 1,170,000# 30/50 oil plus & 116,256 bbls slickwater.

QUESTION #52 CONTINUED:

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #327459 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 01/12/2016 (16LJ0257SE)

Name (please print) CRAIG SPARKMAN Title OPERATIONS ENGINEER

Signature \_\_\_\_\_ (Electronic Submission) Date 12/30/2015

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.

**Additional data for transaction #327459 that would not fit on the form**

**32. Additional remarks, continued**

1ST BONE SPRING	9501'
2ND BONE SPRING	10,034'
3RD BONE SPRING	10,745'