

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**  
OCD Hobbs 2018  
NOV 29 2018  
**RECEIVED**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Lease Serial No.  
NMNM02127B

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator **LEGACY RESERVES OPERATING** Contact: **JOHN SAENZ**  
 LE-Mail: **jsaenz@legacylp.com**

3. Address **303 W WALL SUITE 1600 MIDLAND, TX 79702** 3a. Phone No. (include area code)  
 Ph: **432-689-5200**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 Sec 1 T20S R34E Mer NMP  
 At surface **SWSE 630FSL 2610FEL 32.596600 N Lat, 103.513634 W Lon**  
 At top prod interval reported below  
 Sec 12 T20S R34E Mer NMP  
 At total depth **SWSE 334FSL 1977FEL 32.581272 N Lat, 103.511589 W Lon**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 7. Unit or CA Agreement Name and No.  
**891006455A (NM-70926B)**

8. Lease Name and Well No.  
**LEA UNIT 49H**

9. API Well No.  
**30-025-44410-00-S1**

10. Field and Pool, or Exploratory  
**LEA**

11. Sec., T., R., M., or Block and Survey  
 or Area **Sec 1 T20S R34E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **02/12/2018** 15. Date T.D. Reached **02/27/2018** 16. Date Completed  
 D & A  Ready to Prod.  
**04/20/2018**

17. Elevations (DF, KB, RT, GL)\*  
**3678 GL**

18. Total Depth: MD **15802** TVD **10462** 19. Plug Back T.D.: MD **15752** TVD **10462** 20. Depth Bridge Plug Set: MD **15752** TVD **10462**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**GR CCL**

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

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
17.500	13.375 J-55	54.5	0	1800		1500		0	
12.250	9.625 J-55	40.0	0	5597		2050		0	
8.750	5.500 HCP110	20.0	0	15802		2900		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	9979							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11162	15810	11162 TO 15810		720	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11162 TO 15810	TREAT WELL W/1,704 BBLs ACID, 6,601,904# SAND & 150,103 BBLs WTR

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/02/2018	05/17/2018	24	→	752.0	750.0	1748.0	42.6	0.81	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→	752	750	1748	997	POW	

28a. Production - Interval B

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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

**ACCEPTED FOR RECORD**  
 NOV - 3 2018  
*Wanda Maguire*  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #431198 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

*Reclamation Due: 10/20/2018*

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	Tbg. 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	Tbg. 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
BELL CANYON	7507	8473		BELL CANYON	7507
BRUSHY CANYON	8473	8778		AVALON	8778
AVALON	8778	9498		BONE SPRING 1ST	9498
BONE SPRING 1ST	9498	10035		BONE SPRING 2ND	10035
BONE SPRING 2ND	10035	10693		BONE SPRING 3RD	10693
BONE SPRING 3RD	10693	10990			

32. Additional remarks (include plugging procedure):

Directional survey attached. Log will be mailed to BLM Carlsbad Office.

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 #431198 Verified by the BLM Well Information System.**  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/06/2018 (18DW0246SE)

Name (please print) JOHN SAENZ Title OPERATIONS ENGINEER

Signature \_\_\_\_\_ (Electronic Submission) Date 08/14/2018

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 88340  
 Phone: (575) 593-6161 Fax: (575) 593-6720

**DISTRICT II**  
 911 E. First St., Artesia, NM 88210  
 Phone: (575) 748-1233 Fax: (575) 748-6720

**DISTRICT III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone: (505) 334-6176 Fax: (505) 334-6170

**DISTRICT IV**  
 1220 S. St. Francis Dr., Santa Fe, NM 87505  
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
 Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
 1220 South St. Frances Dr.  
 Santa Fe, NM 87505

Form C-102  
 Revised August 1, 2011  
 Submit one copy to appropriate  
 District Office

**RECEIVED**  
 AUG 15 2018

"AS DRILLED"

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-44410	Pool Code 37570	Pool Name Lea; Bone Spring
Property Code 302802	Property Name LEA UNIT	Well Number #49H
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP	Elevation 3678'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	01	20 S	34 E		630	SOUTH	2610	EAST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	12	20 S	34 E		334	SOUTH	1977	EAST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

**NOTE:**

1) Plane Coordinates shown hereon are Transverse Mercator Grid and conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1983. Distances shown hereon are mean horizontal surface values.

As-Drilled Plat based on Final Survey Report provided by Legacy Reserves, LP received August 7, 2018.  
 Prepared From Survey Dated: May 2, 2017

**Scale**  
 1" = 2000'

**SURFACE LOCATION & PENETRATION POINT**  
 Plane Coordinate (NAD '83)  
 X = 752,597.74  
 Y = 581,684.22  
 Geodetic Coordinate (NAD '83)  
 Latitude = 32.5972296° N  
 Longitude = 103.6473456° W

**FIRST TAKE POINT LOCATION**  
 Plane Coordinate (NAD '83)  
 X = 752,692.55  
 Y = 580,724.93  
 Geodetic Coordinate (NAD '83)  
 Latitude = 32.5945913° N  
 Longitude = 103.6470578° W

**LAST TAKE POINT LOCATION & BOTTOM HOLE LOCATION**  
 Plane Coordinate (NAD '83)  
 X = 753,272.54  
 Y = 576,116.04  
 Geodetic Coordinate (NAD '83)  
 Latitude = 32.5819132° N  
 Longitude = 103.6452715° W

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or retained mineral interest in the land including the proposed bottom hole location, or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the district.

*Laura Pina* 08/14/18  
 Signature Date

Laura Pina  
 Printed Name

lpina@legacylp.com  
 E-mail Address

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**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

May 02, 2017  
 Date of Survey

*Lindsay Gygax*  
 Signature & Seal

PROFESSIONAL SURVEYOR  
 NEW MEXICO  
 23263

06-10-18

W.O. Num. 2018-0677  
 Certificate No. Lindsay Gygax 23263