

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OBBS OCD
NOV 29 2018
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM01747

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
891006455A (NM 70276B)

8. Lease Name and Well No.
LEA UNIT 41H

9. API Well No.
30-025-44733-00-S1

10. Field and Pool, or Exploratory
LEA

11. Sec., T., R., M., or Block and Survey
or Area Sec 24 T20S R34E Mer NMP

12. County or Parish
LEA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3676 GL

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 LE-Mail: jsaenz@legacylp.com
Contact: JOHN SAENZ

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 24 T20S R34E Mer NMP
At surface NESW 2270FSL 1580FWL 32.557598 N Lat, 103.517197 W Lon
At top prod interval reported below
Sec 13 T20S R34E Mer NMP
At total depth NENW 333FNL 2251FWL 32.579456 N Lat, 103.515152 W Lon

14. Date Spudded
05/10/2018
15. Date T.D. Reached
05/30/2018
16. Date Completed
 D & A Ready to Prod.
08/30/2018

18. Total Depth: MD 17214 TVD 9571
19. Plug Back T.D.: MD 17172 TVD 9571
20. Depth Bridge Plug Set: MD TVD

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	1764		1500		0	
12.250	9.625 J-55	40.0	0	5590		2050		0	
8.500	5.500 HCP-110	20.0	0	17203		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	8908							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9989	17214	9989 TO 17214		1080	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9989 TO 17214	TREAT WELL W/2,614 BBLs ACID, 10,752,099# SAND & 307,474 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
08/30/2018	09/09/2018	24	→	521.0	342.0	553.0	38.0	0.60	ELECTRONIC FORM SUBMISSION
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	200	1045.0	→	521	342	553	656	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD
NOV - 3 2018
Dinah Meade
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #440911 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Reclamation Due: 2/30/2019

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
BONE SPRING	8320	8840		BELL CANYON	5567
BONE SPRING 1ST	9489	10136		BRUSHY CANYON	6569
BONE SPRING 2ND	10136	10868		BONE SPRING	8320
BONE SPRING 3RD	10868	10996		BONE SPRING 1ST	9489
				BONE SPRING 2ND	10136
				BONE SPRING 3RD	10868

32. Additional remarks (include plugging procedure):

DIRECTIONAL SURVEY ATTACHED. LOG WILL BE MAILED TO THE 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 #440911 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 10/24/2018 (19DW0051SE)**

Name (please print) JOHN SAENZ Title OPERATIONS ENGINEER

Signature _____ (Electronic Submission) Date 10/23/2018

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
 1825 N. French Dr., Hobbs, NM 88240
 Phone: (575) 593-6161 Fax: (575) 593-0780

DISTRICT II
 611 E. First St., Artesia, NM 88210
 Phone: (575) 740-1283 Fax: (575) 740-0720

DISTRICT III
 1000 N. Bruce Rd., Aztec, NM 87410
 Phone: (505) 334-8179 Fax: (505) 334-8170

DISTRICT IV
 1820 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Frances
 Santa Fe, NM 87505

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

"AS DRILLED"

RECEIVED
 OCT 25 2018

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44733	Pool Code 37570	Pool Name Lea; Bone Spring
Property Code 302802	Property Name LEA UNIT	Well Number 41H
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP	Elevation 3676'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	24	20 S	34 E		2270	SOUTH	1580	WEST	LEA

Bottom Hole Location If Different From Surface

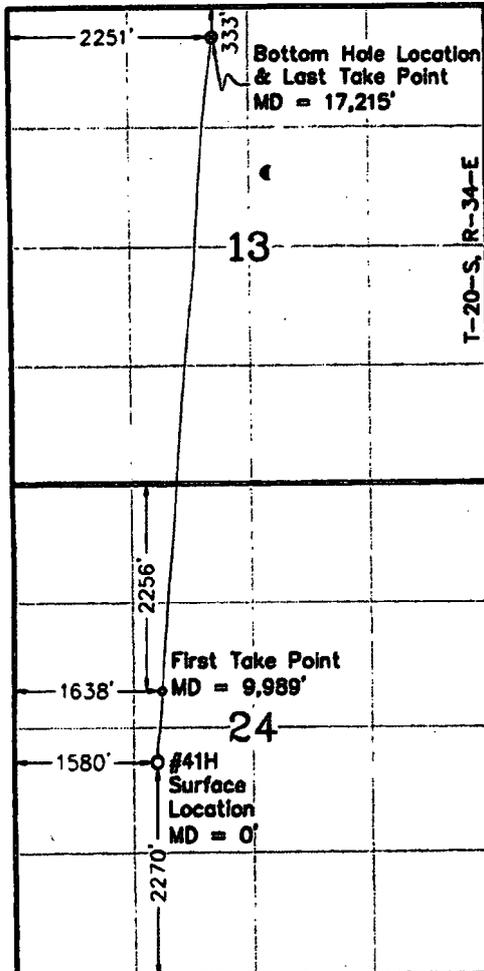
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	13	20 S	34 E		333	NORTH	2251	WEST	LEA

Dedicated Acres 240	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

As-Drilled Path based on Downhole Report provided by Integrity Directional Services received October 15, 2018. Prepared From Survey Dated: April 15, 2017

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.



BOTTOM HOLE LOCATION & LAST TAKE POINT
 333' FNL & 2251' FWL
 (NAD83)
 Plane Coordinate
 X = 793,400.9
 Y = 575,502.5
 Geodetic (D.D.)
 32.57944614° N
 103.51501784° W

FIRST TAKE POINT
 2256' FNL & 1638' FWL
 (NAD83)
 Plane Coordinate
 X = 792,842.5
 Y = 568,301.6
 Geodetic (D.D.)
 32.55966844° N
 103.51700968° W

SURFACE LOCATION
 2270' FSL & 1580' FWL
 (NAD83)
 Plane Coordinate
 X = 792,790.2
 Y = 567,548.0
 Geodetic (D.D.)
 32.55759636° N
 103.51719826° W

Scale
 1" = 2000'

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 mineral interest in the land including the proposed bottom hole location or has a right to drill this well of 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 division.

Laura Pina 10/22/18
 Signature Date

Laura Pina
 Printed Name
 lpina@legacyp.com
 E-mail Address

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.

April 25, 2017

Date of Survey
 Signature & Seal

Lindsay Gygn 10-17-18
 LINDSAY GYGN
 NEW MEXICO
 23263
 PROFESSIONAL SURVEYOR

W.C. Num. 2018-0858

Certificate No. Lindsay Gygn 23263