

DISTRICT I
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DISTRICT II
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department

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

HOBBS OCD
MAR 07 2017
RECEIVED

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-42949 /	Pool Code 37570	Pool Name Lea; BoneSSpring
Property Code 302802	Property Name LEA UNIT	Well Number 54H
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP /	Elevation 3661'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	20 S	34 E		170	NORTH	1740	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
G	14	20 S	34 E		2309	NORTH	1749	EAST	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

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 1927. Distances shown hereon are mean horizontal surface values.

As-Drilled Path based on Downhole Report provided by Terra Directional Services received March 3, 2017.
Prepared From Survey Dated: August 10, 2015

The diagram shows a well location on a grid. The surface location is in Section 11, Township 20 S, Range 34 E. The bottom hole location is in Section 14, Township 20 S, Range 34 E. The well path is shown as a red line. Key points include: #54H (SL) M.D. = 0', First Take Point M.D. = 11,246', Total MD from FTP to LTP equals 6663', Last Take Point M.D. = 17,909', and Bottom Hole Location M.D. = 17,971'. Distances from the surface location to the bottom hole location are 170' (horizontal), 1740' (vertical), 1739' (diagonal), 2309' (horizontal), and 1748' (vertical). The diagram also shows the well path from the surface location to the bottom hole location, with a total depth of 17,971'.

Scale
1" = 2000'

SURFACE LOCATION & PENETRATION POINT
Plane Coordinate (NAD '27)
X = 748,186.30
Y = 580,856.20
Geodetic Coordinate (NAD '27)
Latitude = 32°35'39.46" N
Longitude = 103°31'38.96" W

FIRST TAKE POINT LOCATION
Plane Coordinate (NAD '27)
X = 748,192.63
Y = 580,161.37
(NAD '27)
Latitude = 32°35'32.58" N
Longitude = 103°31'38.95" W

LAST TAKE POINT LOCATION
Plane Coordinate (NAD '27)
X = 748,235.14
Y = 573,500.10
Geodetic Coordinate (NAD '27)
Latitude = 32°34'26.67" N
Longitude = 103°31'39.04" W

BOTTOM HOLE LOCATION
Plane Coordinate (NAD '27)
X = 748,235.13
Y = 573,438.10
Geodetic Coordinate (NAD '27)
Latitude = 32°34'26.06" N
Longitude = 103°31'39.05" 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 undivided 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 Division.

Laura Pina 03/06/17
Signature Date

Laura Pina
Printed Name

lpina@legacylp.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.

August 10, 2015

Date of Survey

Signature and Seal of Professional Surveyor

W.O. Num. 2010-0535-4
Certificate No. Lindsay Gygax 23263