

RECEIVED: 5/01/2018	REVIEWER: MAM	TYPE: DHC	APP NO: PMAM1812145932
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND  
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Applicant:** LEGACY RESERVES OPERATING, LP **OGRID Number:** 240974  
**Well Name:** LEA UNIT #6011 **API:** 30-025-44025  
**Pool:** LEA; BONE SPRING, SOUTH **Pool Code:** 37580

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION  
 INDICATED BELOW**

DHC - 4831

**1) TYPE OF APPLICATION:** Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

CA: NMNM 70976X

**2) NOTIFICATION REQUIRED TO:** Check those which apply.

- A. ☐ Offset operators or lease holders  
 B. ☐ Royalty, overriding royalty owners, revenue owners  
 C. ☐ Application requires published notice  
 D. ☐ Notification and/or concurrent approval by SLO  
 E. ☐ Notification and/or concurrent approval by BLM  
 F. ☐ Surface owner  
 G. ☐ For all of the above, proof of notification or publication is attached, and/or,  
 H. ☒ No notice required

**FOR OCD ONLY**

- ☐ Notice Complete  
☐ Application  
 Content  
 Complete

**3) CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Laura Pina

Print or Type Name

*Laura Pina*

Signature

04/23/2018

Date

432-689-5200

Phone Number

lpina@legacylp.com

e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
811 S. First St., Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
☒ Single Well  
☒ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☐ Yes ☒ No

APPLICATION FOR DOWNHOLE COMMINGLING

Legacy Reserves Operating, LP PO Box 10848, Midland, TX 79702  
Operator Address

Lea Unit 60H L-19-T20S-R35E Lea  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 240974 Property Code 302802 API No. 30-025-44025 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Lea; Bone Spring, South		Wildcat; Bone Spring
Pool Code	37580		97983
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	11,063'-13,379'		13,379'-18,300'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A		N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	39 Degree API		39 Degree API
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 03/01/2018  Rates: 234 BOPD, 240 MCFPD, 213 BWPD	Date:  Rates:	Date: 03/01/2018  Rates: 468 BOPD, 482 MCFPD, 427 BWPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas  33.3% 33.3%	Oil Gas  % %	Oil Gas  66.7% 66.7%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Laura Pina TITLE Compliance Coordinator DATE 04/23/2018

TYPE OR PRINT NAME Laura Pina TELEPHONE NO. ( 432 ) 689-5200

E-MAIL ADDRESS lpina@legacylp.com

# Well Tests

1/1/2018 through 4/23/2018

Printed: 4/23/2018

Lea Unit # 60H

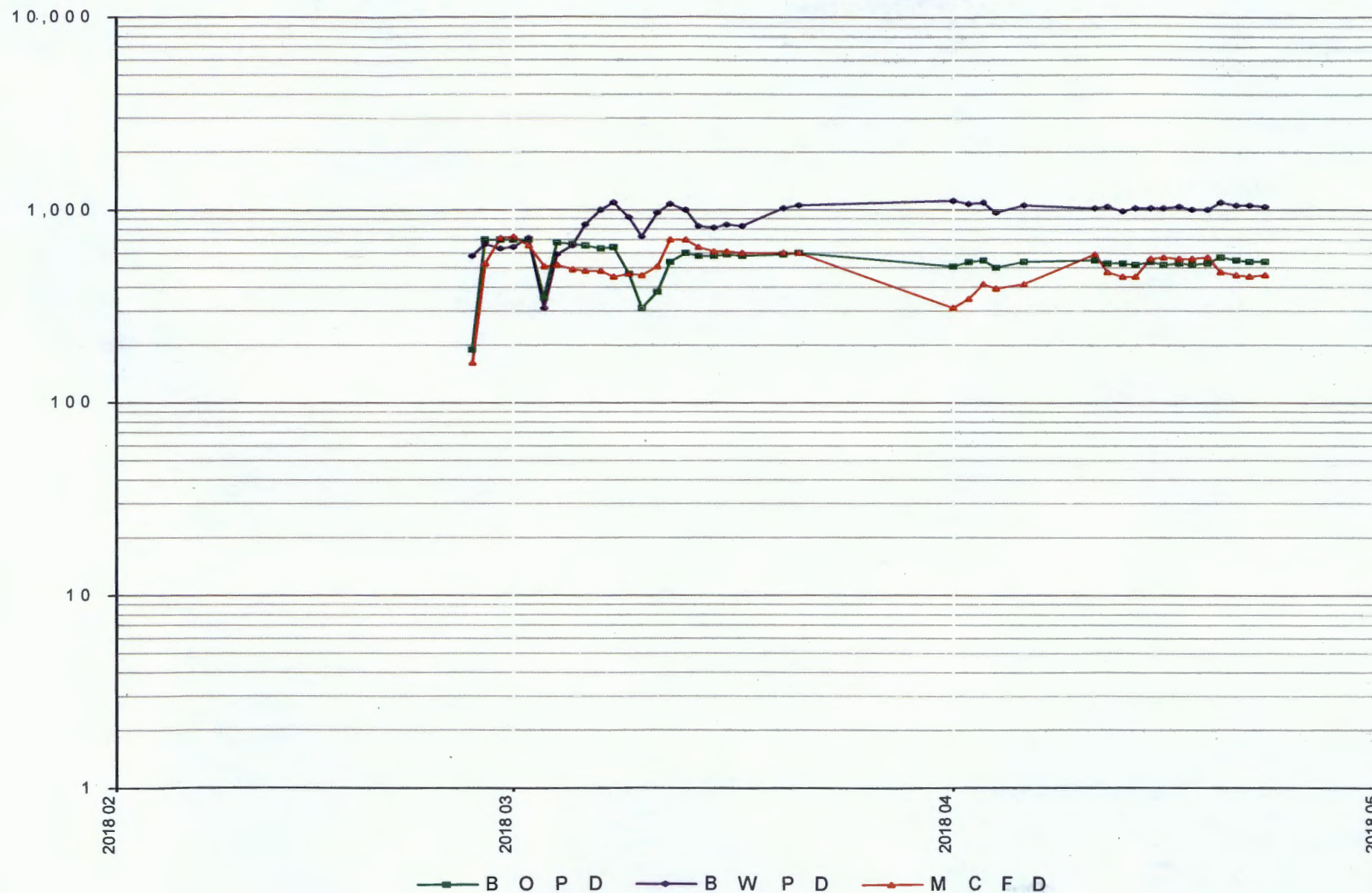
BOLO ID 300033.14.60

Zone # 1

Zone BONE SPRING

API # 3002544025

County, State LEA, NM



**Lea Unit #60H Commingling Calculation (Fixed Allocation Percentage)**

**STATE LEASE (South 1/3):**

Portion of Dedicated Acreage:  $0' - 2640' = 2,640'$  (80 Acres)

Total Dedicated Acreage:  $7,920'$  (240 Acres)

State Percentage Calculation:  $2,640'/7,920' = 33.3\%$  (Acres:  $80/240 = 33.3\%$ )

**STATE PERCENTAGE = 33.3%**

**FEDERAL LEASE (North 2/3):**

Portion of Dedicated Acreage:  $2,640' - 7,920' = 5,280'$  (160 Acres)

Total Dedicated Acreage:  $7,920'$  (240 Acres)

Federal Percentage Calculation:  $5,280'/7,920' = 66.7\%$  (Acres:  $160/240 = 66.7\%$ )

**FEDERAL PERCENTAGE = 66.7%**

## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6181 Fax: (575) 393-0720

## DISTRICT II

811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-0720

## 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 &amp; 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

"As Drilled"

X AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44025	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 302802	Property Name LEA UNIT	Well Number 60H
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP	Elevation 3676'

## Surface Location

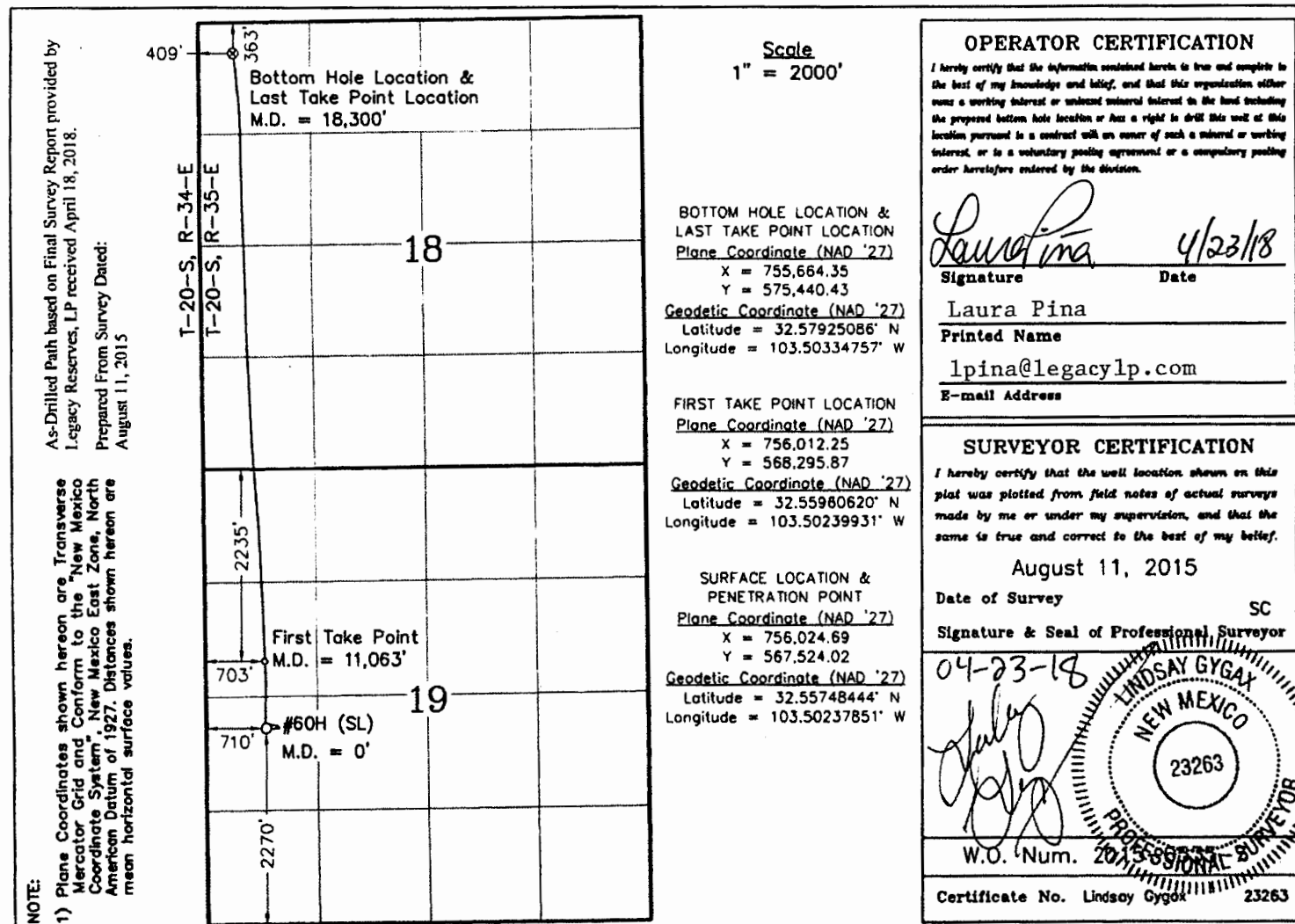
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	19	20 S	35 E		2270	SOUTH	710	WEST	LEA

## 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
D	18	20 S	35 E		363	NORTH	409	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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



## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

## DISTRICT II

611 S. First St., Artesia, NM 88210  
Phone: (575) 748-1263 Fax: (575) 748-0720

## DISTRICT III

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

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## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44025	Pool Code 97983	Pool Name Wildcat; Bone Spring
Property Code 302802	Property Name LEA UNIT	Well Number 60H
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP	Elevation 3676'

## Surface Location

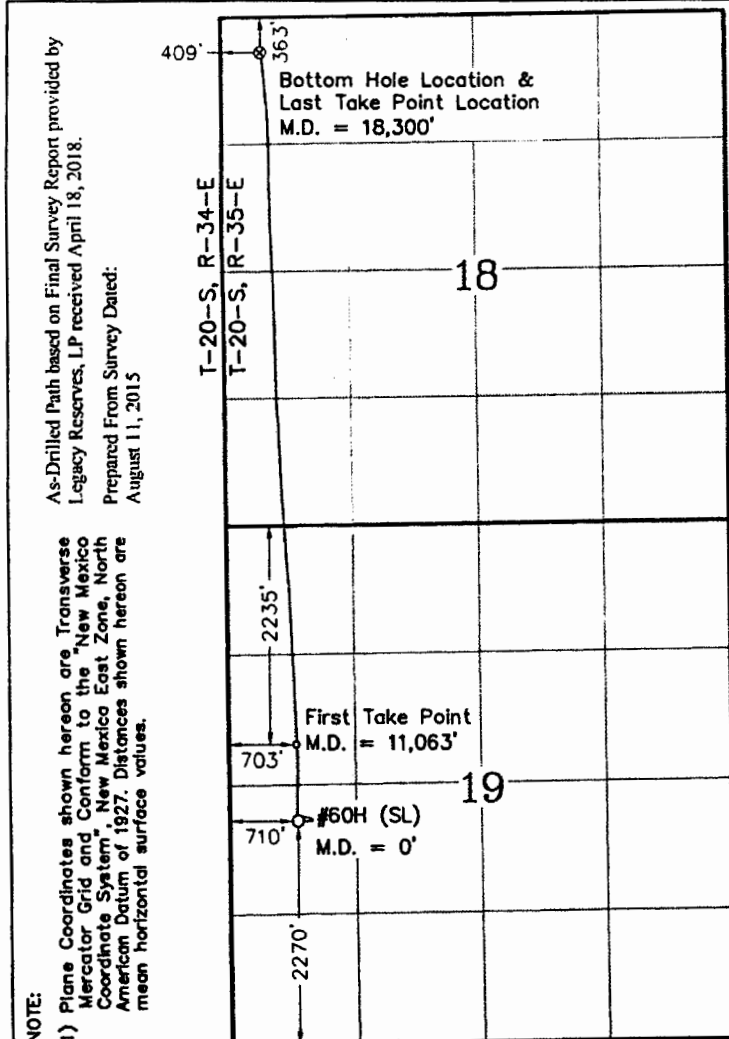
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D	18	20 S	35 E		363	NORTH	409	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



Scale  
1" = 2000'

BOTTOM HOLE LOCATION & LAST TAKE POINT LOCATION  
Plane Coordinate (NAD '27)  
X = 755,664.35  
Y = 575,440.43  
Geodetic Coordinate (NAD '27)  
Latitude = 32.57925086° N  
Longitude = 103.50334757° W

FIRST TAKE POINT LOCATION  
Plane Coordinate (NAD '27)  
X = 756,012.25  
Y = 568,295.87  
Geodetic Coordinate (NAD '27)  
Latitude = 32.55960620° N  
Longitude = 103.50239931° W

SURFACE LOCATION & PENETRATION POINT  
Plane Coordinate (NAD '27)  
X = 756,024.69  
Y = 567,524.02  
Geodetic Coordinate (NAD '27)  
Latitude = 32.55748444° N  
Longitude = 103.50237851° 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 unleased 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* 4/23/18  
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.

August 11, 2015

Date of Survey

SC

Signature &amp; Seal of Professional Surveyor

04-23-18  
LINDSAY GYGAX  
NEW MEXICO  
23263  
PROFESSIONAL SURVEYOR  
W.O. Num. 2015-090825  
Certificate No. Lindsay Gyax 23263