



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Wyoming State Office Reservoir Management Group  
2987 Prospector Drive  
Casper, Wyoming 82604-2968

AUG 20 2018 #0157

In Reply Refer To:  
3186  
(3186.1)  
Lea Unit  
NMNM70976X

AUG 13 2018

Legacy Reserves  
Attn: Pat Darden  
P.O. Box 10848  
Midland, Texas 79702

Re: Sixth Revision to the Bone Spring Formation Participating Area  
Lea Unit  
Lea County, New Mexico

Gentlemen:

The sixth revision to the Bone Spring Formation Participating Area is hereby approved effective as of January 1, 2016, pursuant to Section 11 of the Lea Unit Agreement, Lea County, New Mexico.

The application enlarges the Bone Spring Formation Participating Area from 1,760.00 acres to 2,559.68 acres and is based upon the completion of unit well 54H, located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  (SHL) of Section 11, T.20S., R.34E., unit tract No. 9, Lease No. NMNM06531A, and in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  (BHL) of Section 14, T.20S, R.34E, unit tract No. 12, Lease No. NMNM080262, with an initial potential of 1,156 BOPD and 1,051 MCFPD on January 12, 2016, from the Bone Spring Formation.

Copies of the approved request are being distributed to the appropriate agencies and one copy of Exhibits "A" and "B" are returned herewith. Please advise all interested parties of the approval of the sixth revision to the Bone Spring Formation Participating Area effective as of January 1, 2016.

Any production royalties that are due must be reported and paid within 30 days of the Bureau of Land Management's approval date or the payors will be assessed interest for late payment under the Federal Oil and Gas Royalty Management Act of 1982 (30 CFR 218.54). If you need assistance or clarification, please contact the Office of Natural Resources Revenue (ONRR) at 1-800-525-9167 or 303-231-3856.

If you have any questions, please call the undersigned at (307) 261-7685.

Sincerely,

/s/ J. David Chase

J. David Chase  
Chief, Reservoir Management Group

1 Enclosure

Encl. 1 - Exhibits "A" and "B"

cc: NMSO, James Glover  
CFO, Chris Walls  
ONRR, Glen Reese  
New Mexico State Land Office, Marilyn Gruebel  
New Mexico Oil Conservation Division, William Jones

# LEGACY RESERVES OPERATING, LP

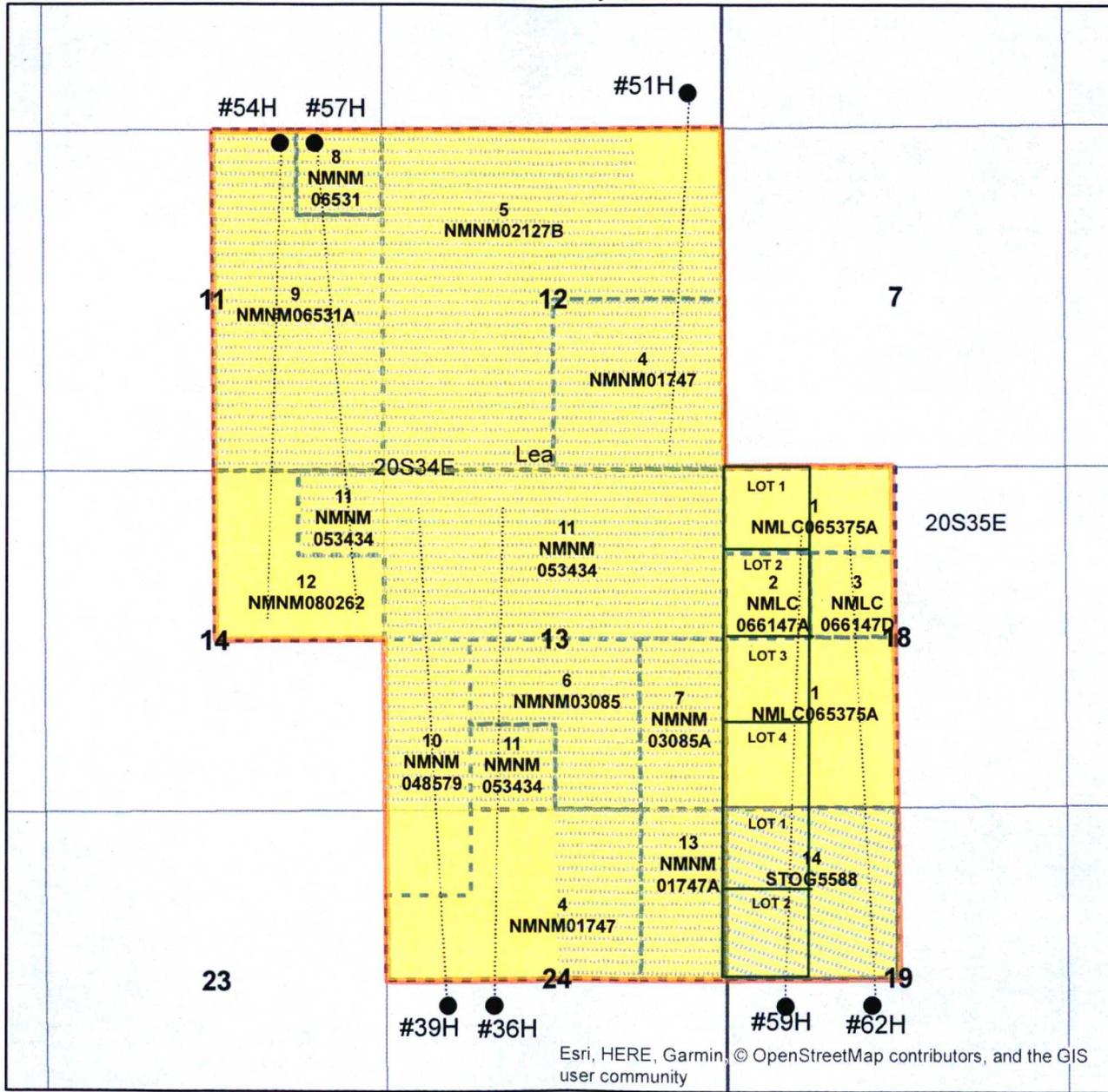
Exhibit "A"

Sixth Revision to the Bone Spring Formation PA

Lea Unit Area

Lea County, New Mexico

Effective January 1, 2016



RECEIVED 08/10/18 10:09 AM BLM WHPD/CASPER FIELD OFFICE

RECEIVED 07/31/16 11:45 AM BLM WHPD/CASPER FIELD OFFICE

LEA UNIT LEA UNIT BONE SPRING 5TH REVISION LEA UNIT BONE SPRING 6TH PA REVISION 2018 CWD WELLS STATE MINERALS

Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community

EXHIBIT "B"  
 SCHEDULE OF LANDS AND TRACT PARTICIPATION  
 SIXTH REVISION BONE SPRING FORMATION PARTICIPATING AREA  
 LEA UNIT  
 LEA COUNTY, NEW MEXICO  
 EFFECTIVE JANUARY 1, 2016

Tract No.	Lease No.	Description	Acres	Participation
1	NMLC065375A Federal	T20S-R35E, 23rd P.M. Sec 18: NE/4NW/4, Lot 1 (39.89), Lot 3 (39.93), Lot 4 (39.95), E/2SW/4	239.77	9.3672%
2	NMLC066147A Federal	T20S-R35E, 23rd P.M. Sec 18: Lot 2 (39.91)	39.91	1.5590%
3	NMLC066147D Federal	T20S-R35E, 23rd P.M. Sec 18: SE/4NW/4	40.00	1.5627%
4	NMNM01747 Federal	T20S-R34E, 23rd P.M. Sec 12: SE/4 Sec 24: W/2NE/4, E/2NW/4, SW/4NW/4	360.00	14.0643%
5	NMNM02127B Federal	T20S-R34E, 23rd P.M. Sec 12: W/2, NE/4	480.00	18.7523%
6	NMNM03085 Federal	T20S-R34E, 23rd P.M. Sec 13: NE/4SW/4, W/2SE/4	120.00	4.6881%
7	NMNM03085A Federal	T20S-R34E, 23rd P.M. Sec 13: E/2SE/4	80.00	3.1254%
8	NMNM06531 Federal	T20S-R34E, 23rd P.M. Sec 11: NE/4NE/4	40.00	1.5627%
9	NMNM06531A Federal	T20S-R34E, 23rd P.M. Sec 11: NW/4NE/4, S/2NE/4, SE/4	280.00	10.9389%
10	NMNM048579 Federal	T20S-R34E, 23rd P.M. Sec 13: W/2SW/4 Sec 24: NW/4NW/4	120.00	4.6881%
11	NMNM053434 Federal	T20S-R34E, 23rd P.M. Sec 13: N/2, SE/4SW/4 Sec 14: NE/4NE/4	400.00	15.6270%
12	NMNM080262 Federal	T20S-R34E, 23rd P.M. Sec 14: W/2NE/4, SE/4NE/4	120.00	4.6881%
13	NMNM01747A Federal	T20S-R34E, 23rd P.M. Sec 24: E/2NE/4	80.00	3.1254%
14	STNMOG5588 State	T20S-R35E, 23rd P.M. Sec 19: Lot 1 (39.98), Lot 2 (40.02), E/2NW/4	160.00	6.2508%
<b>Totals</b>			<b>2559.68</b>	<b>100.0000%</b>

TYPE OF LAND	COMMITTED ACRES	NON-COMMITTED ACRES	PERCENT
FEDERAL	2399.68	0.00	93.7492%
STATE	160.00	0.00	6.2508%
PATENTED	0.00	0.00	0.0000%
<b>TOTAL</b>	<b>2559.68</b>	<b>0.00</b>	<b>100.0000%</b>