

RINGTAIL FEDERAL / RANGERS FEDERAL (DCP)

MONTH Sept 17

PUMPER \_\_\_\_\_

DATE	PSI	METER	DAILY TOTAL	REMARKS
1	31	17841	21	
2	35	17872	31	
3	29	17894	22	
4	31	17921	27	
5	31	17942	21	
6	31	17966	24	
7	35	17981	15	
8	38	17992	8	RT-18
9	31	1802	13	RT-13
10	40	18030	18	RT-18
11	36	18042	12	RT-12
12	38	18061	19	RT-19
13	45	18072	11	RT-11
14	39	18091	19	$91 \div 6 = 15$
15	37	18108	17	
16	34	18133	25	
17	37	18151	19	
18	32	18176	25	
19	36	18205	29	
20	36	18238	33	
21	31	18261	23	
22	47	18275	19	R-19
23	27	18288	13	R-13
24	29	18302	12	R-12
25	31	18313	12	R-12
26	26	18322	10	R-10
27	25	18333	11	R-11
28	39	18359	26	$72 \div 6 = 12$
29	28	18381	22	
30	26	18408	27	
31				

Ringtail 15 56%  
Rangers  $\frac{12}{27}$  44%

State of New Mexico  
Energy, Minerals and Natural Resources Department

Susana Martinez  
Governor

Ken McQueen  
Cabinet Secretary

Matthias Sayer  
Deputy Cabinet Secretary

David R. Catanach, Division Director  
Oil Conservation Division



CENTRAL TANK BATTERY

Administrative Order CTB-816  
Administrative Application Reference No. pMAM1706658750

March 28, 2017

Mack Energy Corporation  
Attention: Mr. Jerry Sherrell

Mack Energy Corporation (OGRID 13837) is hereby authorized to surface commingle casing head gas production from the Young; Bone Spring, North Pool (Pool code 65350) from the following diversely owned federal leases and wells in Lea County, New Mexico:

Lease: Federal Lease NMNM 121480  
Description: Lot 1 (NW/4 NW/4) of Section 1, Township 18 South, Range 32 East, NMPM  
Well: Ranger Federal Well No. 1 API 30-025-40180 40-acre dedication

Lease: Federal Lease NMNM 040456  
Description: Unit F (SE/4 NW/4) of Section 1, Township 18 South, Range 32 East, NMPM  
Well: Ringtail Federal Well No. 1 API 30-025-42032 40-acre dedication

The commingled gas production from the wells detailed above shall be measured and sold at the Sprinkle B Federal Well No. 1 Central Tank Battery (CTB) located in Unit E, Section 1, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico.

Off lease measurement and sales is approved for gas production from these wells at said location.

Initial Allocation:

Based on previous production, the gas production produced and sold from these two wells shall be initially allocated as 29 percent to the Ranger Federal Well No. 1 and 71 percent to the Ringtail Federal Well No. 1. This allocation shall continue until October 1, 2017.

Subsequent Allocation:

After October 1, 2017, the allocated gas production to each well shall be based on new well tests obtained on each well. The new tests shall be conducted by alternately selling gas from only one well for at least 24 hours while shutting in the other well(s). As proposed, each time the allocation is changed it shall be implemented for 6 months.

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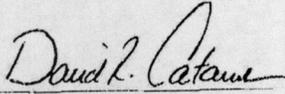
It is our understanding that this method of commingling is requested to alleviate the low volume charges that pipeline operators have implemented and will extend the economic life of these wells.

The gas sales meter shall be calibrated in accordance with Rule 19.15.12.10.C (2).

Oil production from these two wells is not approved for commingling under this permit.

The operator shall notify the Hobbs District office of the Division prior to implementation of the commingling operations. This approval is subject to like approval from Bureau of Land Management before commencing commingling operations.

Done at Santa Fe, New Mexico, on March 28, 2017.



**DAVID R. CATANACH**  
Director

DRC/mam

cc: Oil Conservation Division – Hobbs  
Bureau of Land Management – Carlsbad  
New Mexico State Land Office – Oil, Gas, and Minerals