

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-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Franklin Mountain Energy, LLC  
OPERATOR ADDRESS: 2401 E 2nd Avenue, Suite 300, Denver, CO 80202  
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☒ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☒ Fee ☒ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
WC-025 G-09 S253502D; UPR WOLFCAMP (98187)	43.2° / 1234 BTU/CF	43.2° / 1234 BTU/CF		\$55/bbl oil (Dec19) \$0.00/MCF	450 BOPD 480 MCFD

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No  
(3) Have all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☒ Metering ☐ Other (Specify)  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☒ Yes ☐ No  
(3) Have all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No  
(4) Measurement type: ☒ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

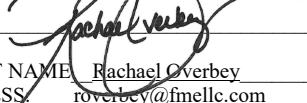
**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attach sheets with the following information

- (1) Is all production from same source of supply? ☒ Yes ☐ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE:  TITLE: Director, Operations Planning and Regulatory DATE: 4/1/2020  
TYPE OR PRINT NAME: Rachael Overbey TELEPHONE NO.: 303-570-4057  
E-MAIL ADDRESS: roverbey@fmllc.com



Well #1

Pool: WC-025 G-09 S253502D; UPR WOLFCAMP (98187)

Lease: PARADE BWY STATE

Well: PARADE BWY STATE 1H

API: 30-025-43108

Well #2

Pool: WC-025 G-09 S253502D; UPR WOLFCAMP (98187)

Lease: COUNTY FAIR BTY STATE

Well: COUNTY FAIR BTY STATE 1H

API: 30-025-43117

Well #3

Pool: WC-025 G-09 S253502D; UPR WOLFCAMP (98187)

Lease: PROXY WCA STATE COM

Well: PROXY WCA STATE COM 1H

API: 30-025-43922

DISTRICT I  
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DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV  
1225 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION  
1225 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-43108	Pool Code 98187	Pool Name WC-025 G-09 S253502D; UPR WOLFCAMP
Property Code	Property Name PARADE BWY STATE COM	Well Number 1H
OGRID No. 373910	Operator Name Franklin Mountain Energy, LLC	Elevation 3252'

Surface Location

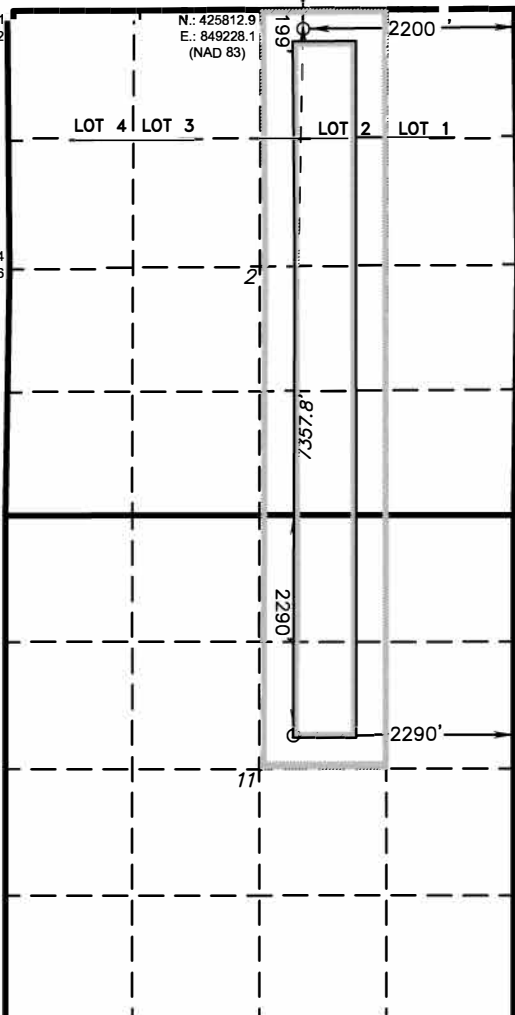

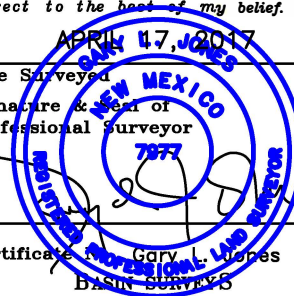
UL or lot No. LOT 2	Section 2	Township 25 S	Range 35 E	Lot Idn	Feet from the 199	North/South line NORTH	Feet from the 2200	East/West line EAST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No. G	Section 11	Township 25 S	Range 35 E	Lot Idn	Feet from the 2290	North/South line NORTH	Feet from the 2290	East/West line EAST	County LEA
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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

	<p><b>SURFACE LOCATION</b> Lat - N 32°09'58.24" Long - W 103°20'12.82" NMSPE- N 425617.9 E 849670.4 (NAD-83)  Lat - N 32°09'57.78" Long - W 103°20'11.14" NMSPE- N 425559.2 E 808484.0 (NAD-27)</p> <p>E2 Sec 2 State Lease VB-2117 100% Ownership</p> <p>W2/NE4 Sec 11 Fee Lease 100% Ownership</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°08'45.45" Long - W 103°20'14.75" NMSPE- N 418260.7 E 849572.1 (NAD-83)  Lat - N 32°08'44.99" Long - W 103°20'13.08" NMSPE- N 418202.2 E 808385.4 (NAD-27)</p>	<p><b>OPERATOR CERTIFICATION</b> 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.</p> <p> 4-1-2020 Signature Date Shelly Albrecht Printed Name salbrecht@fmellc.com Email Address</p> <p><b>SURVEYOR CERTIFICATION</b> 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.</p> <p>APR 17, 2017 Date Surveyed  Signature &amp; Seal of Professional Surveyor Certificate No. Gary L. Lopez 7977 BASIN SURVEYS</p> <p>0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 32853</p>
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DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
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Submit one copy to appropriate  
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OIL CONSERVATION DIVISION

1225 South St. Francis Dr.  
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-43117	Pool Code WC-98187	Pool Name WC-025 S-09 S253502D Wildcat; Upper Wolfacmp
Property Code	Property Name COUNTY FAIR BTY STATE	Well Number 1H
OGRID No. 373910	Operator Name Franklin Mountain Energy, LLC	Elevation 3254'

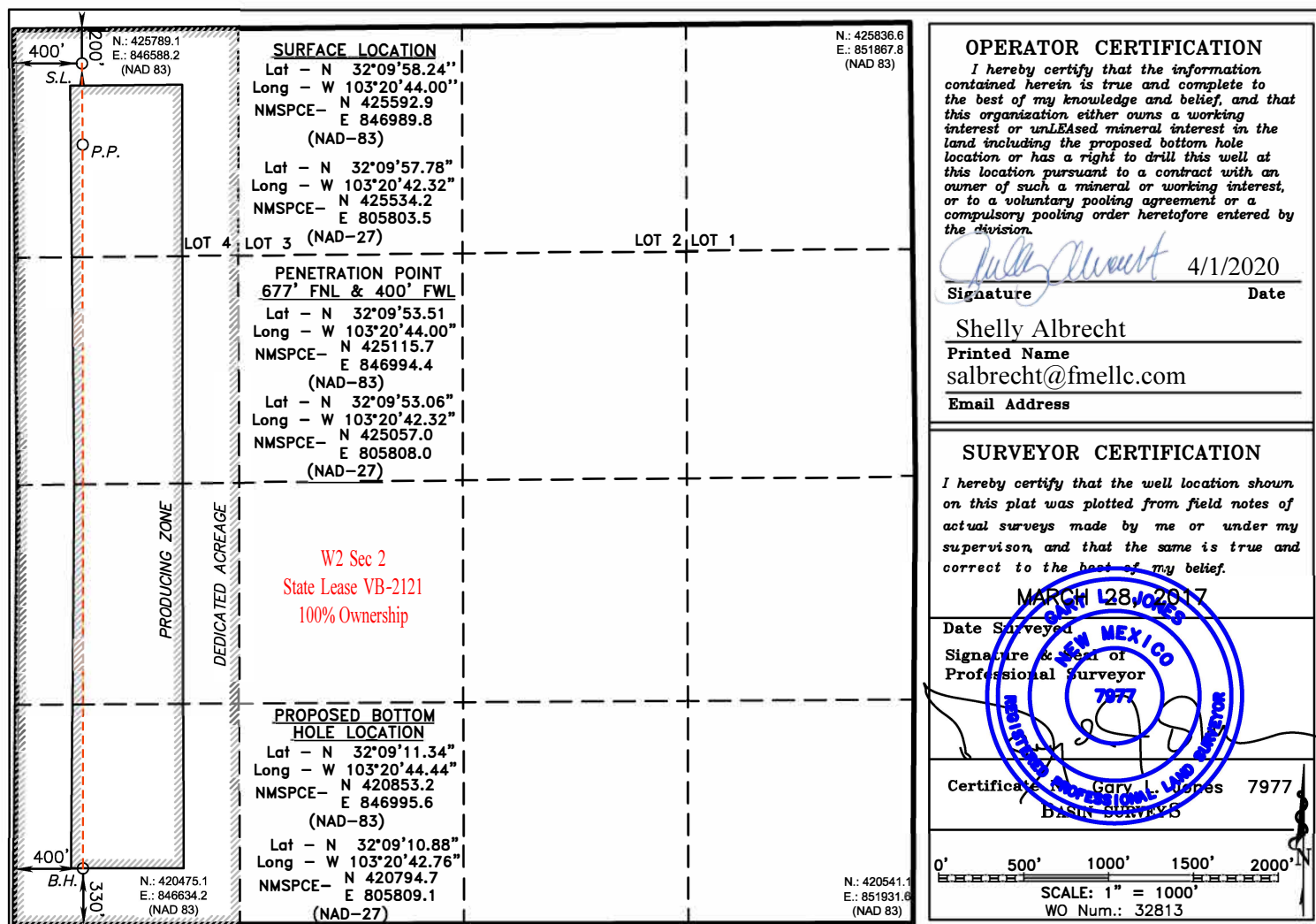
Surface Location

UL or lot No. Lot 4	Section 2	Township 25 S	Range 35 E	Lot Idn	Feet from the 200	North/South line NORTH	Feet from the 400	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No. M	Section 2	Township 25 S	Range 35 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 400	East/West line WEST	County LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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



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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-43922	<sup>2</sup> Pool Code 98187	<sup>3</sup> Pool Name WC-025 G-09 S253502D; UPR WOLFCAMP
<sup>4</sup> Property Code	<sup>5</sup> Property Name PROXY WCA STATE COM	<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 373910	<sup>8</sup> Operator Name Franklin Mountain Energy, LLC	<sup>9</sup> Elevation 3274.6

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	24S	35E		380	SOUTH	380	WEST	LEA

<sup>11</sup> 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	36	24S	35E		380	NORTH	380	WEST	LEA
<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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.

<sup>16</sup>

2000' 1000' 0' 2000'

SCALE

DRAWN BY: V.L.D. 07-18-17

● = SURFACE HOLE LOCATION  
○ = BOTTOM HOLE LOCATION  
▲ = SECTION CORNER LOCATED  
△ = SECTION CORNER RE-ESTABLISHED.  
(Not Set on Ground.)

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"

NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°10'03.95" (32.167764)	
LONGITUDE = 103°19'42.82" (103.328561)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°10'03.49" (32.167636)	
LONGITUDE = 103°19'41.14" (103.328094)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 426218.63 E: 852243.40	
STATE PLANE NAD 27 (N.M. EAST)	
N: 426159.83 E: 811057.01	

NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°10'48.80" (32.180222)	
LONGITUDE = 103°19'42.90" (103.328583)	
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°10'48.35" (32.180097)	
LONGITUDE = 103°19'41.22" (103.328117)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 430751.68 E: 852194.12	
STATE PLANE NAD 27 (N.M. EAST)	
N: 430692.77 E: 811007.91	

<sup>17</sup> 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.

Signature: *Shelly Albrecht* Date: 4/1/2020

Shelly Albrecht  
Printed Name

salbrecht@fmellc.com  
E-mail Address

<sup>18</sup> 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.

July 12, 2017  
Date of Survey

Signature and Seal of Professional Surveyor:

*Paul Buchele*  
23782  
07-18-17  
PAUL BUCHELE  
NEW MEXICO  
PROFESSIONAL SURVEYOR

Certificate Number:



April 1, 2020

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

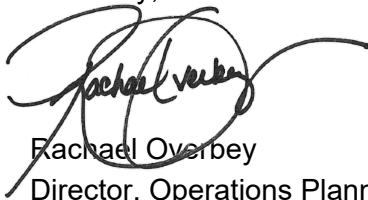
Re: C-107B Application for Surface Commingling (diverse ownership) for Franklin Mountain Energy, LLC

To Whom It May Concern:

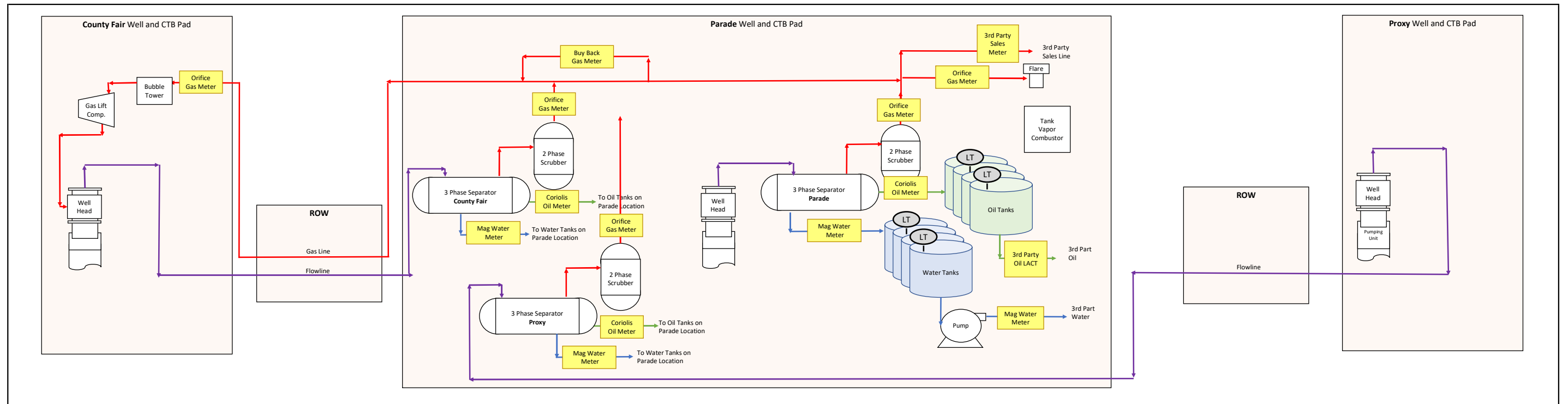
Franklin Mountain Energy, LLC, OGRID No. 373910, requests to commingle current oil and gas production from pool number 98187. All wells will go through individual three-phase separators and each stream (oil, gas, water) will be measured as it exits the three-phase separator. Oil will be measured at the three-phase separator with a Coriolis meter, Gas will be measured with an orifice meter, and water will be measured with a mag meter.

Commingling will happen after the three-phase separator. The gas stream will flow into a common line and then into an additional two-phase separator to remove any excess water. Gas from the heater treater and the vapor recovery tower will also flow into the two-phase separator before being sent to our gas gathering pipeline system. The oil will flow into a common line after the three-phase separator then into a heater treater and vapor recovery tower to remove any remaining water and gas in the oil stream. The oil will then flow to lined oil tanks to be either trucked off or piped into a crude gathering system. The water will be commingled after the three-phase separator into a common line then flow into a gun barrel before it is pumped into our water pipeline system. Oil and gas sales will be allocated against sales meter volumes. All meters will be calibrated according to manufacturer's recommendations.

Sincerely,



Rachael Overbey  
Director, Operations Planning and Regulatory  
roverbey@fmcenergy.com  
Main: 720-414-7868  
Mobile: 303-570-4057



<b>7510G</b>	<b>8123456789</b>	<b>Parade Bwy 1H Ck Meter</b>	
Sample Point Code	Sample Point Name	Sample Point Location	
<b>Laboratory Services</b>	<b>2019025117</b>	<b>1735</b>	<b>J Hernandez - Spot</b>
Source Laboratory	Lab File No	Container Identity	Sampler
<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>New Mexico</b>
District	Area Name	Field Name	Facility Name
<b>Nov 14, 2019 13:00</b>	<b>Nov 14, 2019 13:00</b>	<b>Nov 19, 2019 13:57</b>	<b>Nov 20, 2019</b>
Date Sampled	Date Effective	Date Received	Date Reported
<b>55.00</b>	<b>Torrance</b>	<b>138 @ 67</b>	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
<b>Franklin</b>		<b>NG</b>	
Operator		Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0600	0.06	
Nitrogen (N2)	1.7120	1.7133	
CO2 (CO2)	0.7070	0.70786	
Methane (C1)	74.9180	74.96174	
Ethane (C2)	12.9400	12.94751	3.4600
Propane (C3)	6.3900	6.39346	1.7600
I-Butane (IC4)	0.6570	0.65731	0.2150
N-Butane (NC4)	1.6070	1.60842	0.5060
I-Pentane (IC5)	0.3200	0.3206	0.1170
N-Pentane (NC5)	0.2970	0.29737	0.1080
Hexanes Plus (C6+)	0.3920	0.39242	0.1700
TOTAL	100.0000	100.0600	6.3360

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 °F		14.73 PSI @ 60.00 °F	
Dry	Saturated	Dry	Saturated
1,269.8	1,249.2	1,272.7	1,252.1

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7506	0.7480
Molecular Weight	
21.6649	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
600 PPM

**PROTREND STATUS:** Meets ProTrend Criteria on Nov 20, 2019 Imported  
**DATA SOURCE:**

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Nov 14, 2019

**VALIDATOR COMMENTS:**



7513G	10003	County Fair 1-H Ck Meter	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2019025119	1748	J Hernandez - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Nov 14, 2019 11:20	Nov 14, 2019 11:20	Nov 19, 2019 14:01	Nov 20, 2019
Date Sampled	Date Effective	Date Received	Date Reported
55.00	Torrance	146 @ 63	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Franklin	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0130	0.013	
Nitrogen (N2)	1.6470	1.64686	
CO2 (CO2)	0.4940	0.49437	
Methane (C1)	76.0800	76.08948	
Ethane (C2)	12.9160	12.91798	3.4530
Propane (C3)	6.0870	6.08788	1.6770
I-Butane (IC4)	0.5750	0.5754	0.1880
N-Butane (NC4)	1.3740	1.37393	0.4330
I-Pentane (IC5)	0.2420	0.24216	0.0880
N-Pentane (NC5)	0.2320	0.23188	0.0840
Hexanes Plus (C6+)	0.3400	0.34006	0.1480
TOTAL	100.0000	100.0130	6.0710

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 °F		14.73 PSI @ 60.00 °F	
Dry	Saturated	Dry	Saturated
1,254.6	1,234.1	1,257.5	1,237.0000
Calculated Total Sample Properties			
GPA2145-16 *Calculated at Contract Conditions			
Relative Density Real		Relative Density Ideal	
0.7360		0.7336	
Molecular Weight			
21.2478			
C6+ Group Properties			
Assumed Composition			
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%	
Field H2S			
130 PPM			

**PROTREND STATUS:** Meets ProTrend Criteria on Nov 20, 2019 Imported  
**DATA SOURCE:**

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Nov 14, 2019

**VALIDATOR COMMENTS:**

<b>7511G</b>	<b>Proxy 1H Ck Meter</b>	<b>Proxy 1H Ck Meter</b>	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2019025118	0076	J Hernandez - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Nov 14, 2019 13:45	Nov 14, 2019 13:45	Nov 19, 2019 13:59	Nov 20, 2019
Date Sampled	Date Effective	Date Received	Date Reported
55.00	Torrance	140 @ 72	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Franklin		NG	
Operator		Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.6000	0.6	
Nitrogen (N2)	1.4770	1.486	
CO2 (CO2)	2.7240	2.74	
Methane (C1)	72.8470	73.288	
Ethane (C2)	11.4130	11.482	3.0510
Propane (C3)	5.8550	5.89	1.6130
I-Butane (IC4)	0.8430	0.848	0.2760
N-Butane (NC4)	1.8020	1.813	0.5680
I-Pentane (IC5)	0.5210	0.524	0.1900
N-Pentane (NC5)	0.4560	0.459	0.1650
Hexanes Plus (C6+)	1.4620	1.471	0.6340
TOTAL	100.0000	100.6010	6.4970

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Nov 14, 2019

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 °F		14.73 PSI @ 60.00 °F	
Dry	Saturated	Dry	Saturated
1,293.7	1,272.6	1,296.7	1,275.5

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8015	0.7984
Molecular Weight	
23.1218	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
6000 PPM

**PROTREND STATUS:** Passed By Validator on Nov 21, 2019  
**DATA SOURCE:** Imported

**PASSED BY VALIDATOR REASON:**  
Close enough to be considered reasonable.

**VALIDATOR:**  
Dustin Armstrong

**VALIDATOR COMMENTS:**  
OK