

RECEIVED: 10/10/2018	REVIEWER: MAM	TYPE: PLC	APP NO: Dynam 18283 53548
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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: Marathon Oil Permian LLC **OGRID Number:** 372098
Well Name: El Presidente State 3H, X4H; El Presidente State 24 27 2 WA 5H, TB 6H, WXY 10H **API:** 30-015 - 42769; 44165; 44483; 44484; 44485
Pool: Purple Sage Wolfcamp; Malaga Bone Spring **Pool Code:** 42800; 98220

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

- 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

- 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.

Jennifer Van Curen

Print or Type Name

Signature

Date

10/11/18

713-296-2500

Phone Number

jvancuren@marathonoil.com

e-mail Address

Process and Flow Descriptions:

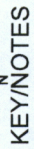
The central tank battery is located on the El Presidente multi-well pad location in Sec 2, T24S, R27E. The production from each well will flow through its own three phase metering separator with a Micro Motion Coriolis Meter to meter the oil, Mag meter to meter the water, and an orifice meter to meter the gas. VRU gas will be allocated back to each well utilizing a percentage of each wells monthly oil production. After the water is measured with the Mag meter, it is combined with the water for the other wells and with any water knockout from the heater treater and sent to the water tanks. The water tanks have guided wave radar level transmitters which can detect oil/water interfaces. If an interface is seen the operator will use the recycle pump to pump this interface and any oil to the heater treater for further processing.

The El Presidente State CTB will have four oil tanks that these three wells will utilize and they have a common Sendero/Lucid CDP, (Central Delivery Point) **(Number provided upon receipt)** which is located on site. Oil, gas, and water volumes from each well producing to this battery will be determined by using individual metering allocation separator. Oil sold through a common sales line for tanks (information provided upon receipt).

Oil production will be allocated on a daily basis based on the Coriolis Test meter located downstream of the metering test separator and daily tank gauges and truck LACT. The Coriolis meters will be proven, as per API & NMOCD specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter, the factor obtained will be used to allocate the production volumes. Gas production will be allocated on a daily basis utilizing the gas test meters for each well. The gas production from the wells and the gas test meters will commingle and flow to an allocation meter and then to the Sendero/Lucid CDP sales meter, **(number provided upon receipt)** these meters will be calibrated on a regular basis per API & NMOCD specifications. The OCD will be notified of any future changes in the facilities.

Reasoning:

The flow of produced fluids is shown in detail on the enclosed El President State CTB Process Flow Diagrams along with a description of each vessel. The commingling of this production is the most effective, economic means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce the surface facility footprint and overall emissions.



W – Water Storage Tank
TK – Oil Storage Tank
S – Separator
HT – Heater Treater

Wellhead for 4H is in a separate pad
Wellheads for 5H, 6H, and 10H are in a separate pad.

Buy Back
SN T153033477



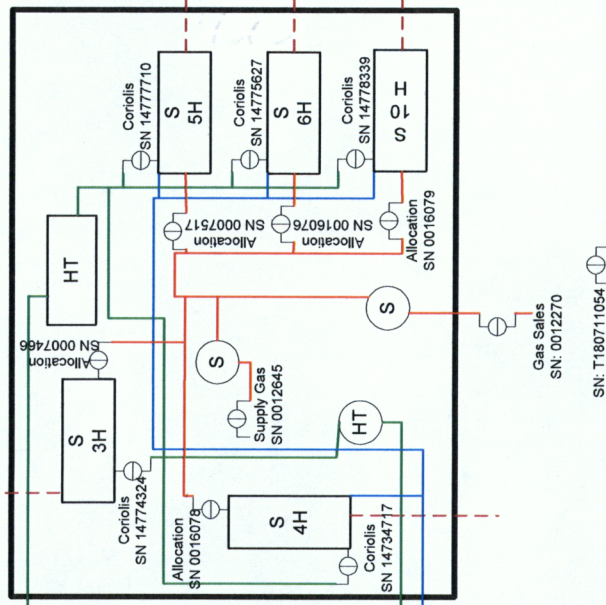
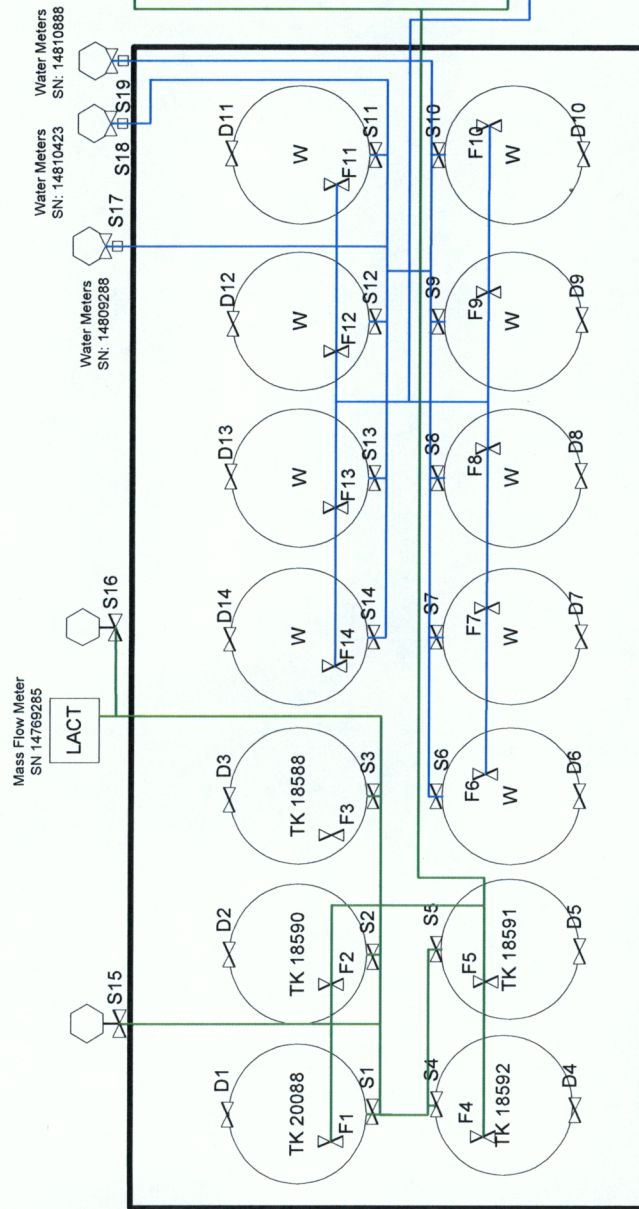
COMPRESSOR



Master Sales
SN: T171677112



Buy Back
SN 0012269



Gas Sales
SN: 0012270

SN: T180711054 

FIGURE TITLE

El Presidente State 3H, 4H, 5H, 6H, 10H, CTB

API	30-015-44269	30-015-44165
	30-015-44483	30-015-44484
	30-015-44485	

OPERATOR
MARATHON OIL PERMIAN, LLC
5555 SAN FELIPE ST, HOUSTON, TX 77056

LOCATION

P-2-T24S-R27E
250 FSL & 330 FEL
EDDY COUNTY, NM

LAT 32.240080
LONG -104.153171

DATE	SEP 2018
SCALE	NOT TO SCALE
DRAWN BY	AC
APPROVED BY	JVC



Marathon Oil®

Matt S. Tate, CPL
Land Professional
Permian Basin



Marathon Oil Company
5555 San Felipe
Houston, TX 77056
Telephone 713.296.2164
Fax 713.235.8033
matthewstate@marathonoil.com

September 26, 2018

DELIVERED VIA:
Certified Mail

Yosemite Creek Oil & Gas LLLP
4350 S. Monaco Street, 5th Floor
Denver, CO 80237

Re: Marathon Oil Permian LLC Application For Surface Commingling
El Presidente State #3H and X #4H
El Presidente State 24 27 2 WA 5H, TB 6H and WXY 10H
E/2 of Section 2, T24S-R27E
Eddy County, New Mexico

Gentlemen,

Marathon Oil Permian LLC ("Marathon") has filed the attached application with the New Mexico Oil Conservation Division ("Division") for administrative approval to surface lease commingle production according to the provisions of NMAC 19.15.12.10.C, from the Purple Sage Wolfcamp formation, Pool 98220, and the Malaga Bone Spring formation, Pool 42800, from existing and future wells, to the central tank battery located on the El Presidente multi-well pad in the E/2 of Section 2, T24S-R27E, Eddy County, New Mexico.

Currently the El Presidente State #3H, X #4H, 24 27 2 WA 5H and WXY 10H are producing from the Wolfcamp formation and the El Presidente State 24 27 2 TB 6H is producing from the Bone Spring formation.

As a working interest and/or overriding royalty interest owner in these wells, Marathon is required to notify you of this application. Should you have an objection you must file it in writing with the Division within 20 days from the date the Division receives Marathon's application.

Should you have any questions please do not hesitate to contact me at **713-296-2164** or by email at matthewstate@marathonoil.com.

Sincerely,

A handwritten signature in black ink, appearing to be 'MT' or similar initials, written over a horizontal line.

Matt S. Tate, CPL
Permian Basin

Name	Address	Address 2	Certified Number
Westall Oil & Gas, LLC	P.O. Box 4	Loco Hills, NM 88255	91 7199 9991 7037 7610 4933
Mizel Resources, a Trust	4350 S Monaco Street, 5th Floor	Denver, CO 80237	91 7199 9991 7037 7610 4926
J. Cleo Thompson & James Cleo Thompson, Jr., L.P.	325 N Saint Paul St., Suite 4300	Dallas, TX 75201	91 7199 9991 7037 7610 4919
Yosemite Creek Oil & Gas LLLP	4350 S Monaco Street, 5th Floor	Denver, CO 80237	91 7199 9991 7037 7610 4902
State of New Mexico	310 Old Santa Fe Trail	Santa Fe, NM 87504-1148	91 7199 9991 7037 7610 4940

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44484	² Pool Code 42800	³ Pool Name MALAGA; BONE SPRINGS, NORTH
⁴ Property Code	⁵ Property Name EL PRESIDENTE STATE 24 27 2 TB	⁶ Well Number 6H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3135

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	T24S	R27E		283'	SOUTH	832'	EAST	EDDY

¹¹ 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
A (LOT 1)	2	T24S	R27E		331'	NORTH	986'	EAST	EDDY

¹² Dedicated Acres 160.33	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁶ CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 456225.55' / X: 595913.15' B - Y: 456234.85' / X: 597233.83' C - Y: 450923.92' / X: 597126.31' D - Y: 450865.14' / X: 595800.69' CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 456167.03' / X: 554730.41' B - Y: 456176.31' / X: 556651.07' C - Y: 450865.49' / X: 555943.44' D - Y: 450806.73' / X: 554617.85'				¹⁷ 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 _____ Date _____ Printed Name _____ E-mail Address _____	
SECTION 34	SECTION 35	T-23-S	SECTION 36	¹⁸ 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. Date of Survey _____ Signature of Registered Professional Surveyor _____ PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, RECORDING, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT.	
SECTION 3	SECTION 2	T-24-S	SECTION 1	986' LAST TAKE POINT/BOTTOM HOLE LOCATION 13,874 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y: 453896.78' / X: 596240.76' LAT: 32.25321077N / LON: 104.15572952W NAD 27, SPCS NM EAST Y: 453838.26' / X: 595938.00' LAT: 32.25309082N / LON: 104.15523301W MEASURED DEPTH 13,764' FIRST TAKE POINT 9,170 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y: 451210.40' / X: 596137.50' LAT: 32.24032893N / LON: 104.15608858W NAD 27, SPCS NM EAST Y: 451151.98' / X: 5954954.66' LAT: 32.24020883N / LON: 104.15559241W MEASURED DEPTH 11,494' SURFACE HOLE LOCATION 283' FSL 832' FEL NAD 83, SPCS NM EAST Y: 451170.36' / X: 596298.68' LAT: 32.24021813N / LON: 104.15556747W NAD 27, SPCS NM EAST Y: 451111.94' / X: 5955115.83' LAT: 32.24009802N / LON: 104.15507133W MEASURED DEPTH 9,582' FIRST TAKE SHL C	
SECTION 3	SECTION 2	SECTION 11	SECTION 12	994' 832' 330' 283' 323' 731'	
SECTION 10					

NOTE: ALL DEMINSIONS IN U.S. FEET

4	2/26/2018	WHM
REV.	DATE	BY

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6170

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6179

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
NATURAL & Natural Resources Department
ARTESIA DISTRICT
OIL CONSERVATION DIVISION
APR 25 2017 1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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

RECEIVED
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42769	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code 28924	Property Name EL PRESIDENTE STATE	Well Number 3H
CGRID No. 160825	Operator Name BC OPERATING, INC.	Elevation 3141'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	24-S	27-E		250	SOUTH	330	EAST	EDDY

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
A	2	24-S	27-E		330	NORTH	330	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

NAD 27 NME BOTTOM HOLE LOCATION Y= 455844.0 N X= 555720.0 E LAT.=32.253104° N LONG.=104.153092° W NAD 83 NME BOTTOM HOLE LOCATION Y= 455902.5 N X= 596902.8 E LAT.=32.253223° N LONG.=104.153588° W CORNER COORDINATES TABLE NAD 27 NME A - Y= 456167.2 N, X= 554726.9 E B - Y= 456176.2 N, X= 556051.1 E C - Y= 450859.3 N, X= 556032.5 E D - Y= 450847.4 N, X= 554704.9 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 456225.7 N, X= 595909.6 E B - Y= 456234.7 N, X= 597233.9 E C - Y= 450917.7 N, X= 597215.3 E D - Y= 450905.8 N, X= 595887.7 E GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 451106.3 N X= 555703.4 E LAT.=32.240080° N LONG.=104.153171° W GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 451164.7 N X= 596886.3 E LAT.=32.240200° N LONG.=104.153667° W	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Sarah Presley</u> Date: <u>4-25-17</u> Printed Name: <u>SARAH PRESLEY</u> E-mail Address: <u>SPRESLEY@BCOPERATING, INC.</u> 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. OCTOBER 29, 2014 Date of Survey: <u>10/29/2014</u> Signature: <u>Ronald J. Eidson</u> Professional Surveyor NEW MEXICO 3239 RONALD J. EIDSON 12641 3239 LSL: <u>1WSC W O 1411 1140</u>
---	---

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number -015-44165		² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name EL PRESIDENTE STATE X		⁶ Well Number 4H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC		⁹ Elevation 3140'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	2	T24S	R27E		330'	SOUTH	2310'	EAST	EDDY

" 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
2	2	T24S	R27E		340'	NORTH	2264'	EAST	EDDY

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

SECTION 34		T-23-S		SECTION 35	SECTION 36	¹⁷ 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. <i>Jennifer Van Curen</i> 3/5/2018 Signature Date Jennifer Van Curen Printed Name E-mail Address
SECTION 3	T-24-S		A	SECTION 2 B	SECTION 1	
LAST TAKE POINT/BOTTOM HOLE LOCATION 13,970 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y:455878.79' / X:594961.80' LAT:32.25316707N / LON:104.15986684W NAD 27, SPCS NM EAST Y:455820.29' / X:553779.07' LAT:32.25304718N / LON:104.15937016W		LAST TAKE POINT/BHL MEASURED DEPTH = 13,190' PRODUCING AREA		2264'	2243'	
FIRST TAKE POINT 9,213 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y:451153.73' / X:594859.36' LAT:32.24017888N / LON:104.16022286W NAD 27, SPCS NM EAST Y:451095.33' / X:553676.54' LAT:32.24005884N / LON:104.15972653W		330'		330'		
SURFACE HOLE LOCATION 330' FSL 2310' FEL NAD 83, SPCS NM EAST Y:451151.98' / X:594820.41' LAT:32.24017425N / LON:104.16034885W NAD 27, SPCS NM EAST Y:451093.58' / X:553637.59' LAT:32.24005422N / LON:104.15985252W		25'		SECTION 2 C	SECTION 1	¹⁸ 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. DATE OF SURVEY Signature and Seal of Professional Surveyor PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, RECORDING, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT. Certificate Number
SECTION 3	CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 456216.24' / X: 594592.47' B - Y: 456234.85' / X: 597233.83' C - Y: 450923.92' / X: 597126.31' D - Y: 450806.36' / X: 594475.07'		SECTION 11		SECTION 12	
SECTION 10	CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 456157.74' / X: 553409.75' B - Y: 456176.31' / X: 556051.07' C - Y: 450865.49' / X: 555943.44' D - Y: 450747.97' / X: 553292.25'		330'			

NOTE: ALL DEMINSIONS IN U.S. FEET

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44483	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLF CAMP
⁴ Property Code	⁵ Property Name EL PRESIDENTE STATE 24 27 2 WA	⁶ Well Number 5H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3135

* Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	T24S	R27E		285'	SOUTH	882'	EAST	EDDY

" 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
A (LOT 1)	2	T24S	R27E		287'	NORTH	1336'	EAST	EDDY
¹² Dedicated Acres 320.68	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁶ CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 456216.24' / X: 594592.47' B - Y: 456234.83' / X: 597233.83' C - Y: 450923.92' / X: 597126.31' D - Y: 450806.36' / X: 594475.07' CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 456157.74' / X: 553409.75' B - Y: 456176.31' / X: 556051.07' C - Y: 450865.49' / X: 555943.44' D - Y: 450747.97' / X: 553292.25'		¹⁷ 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 _____ Date _____ Printed Name _____ E-mail Address _____			
SECTION 34	SECTION 35	T-23-S	SECTION 36	SECTION 1	1336'
SECTION 3	SECTION 2	T-24-S	B	SECTION 1	1336'
BOTTOM HOLE LOCATION 14,109 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y455895.49' / X595906.23' LAT32.25320874N / LON104.15681169W NAD 27, SPCS NM EAST Y455836.98' / X554783.48' LAT32.25308880N / LON104.15631513W LAST TAKE POINT 14,066 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y455895.37' / X595888.70' LAT32.25320848N / LON104.15686838W NAD 27, SPCS NM EAST Y455836.86' / X554785.95' LAT32.25308856N / LON104.15637183W FIRST TAKE POINT 9,342' DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y451194.64' / X595702.12' LAT32.24028722N / LON104.15723809W NAD 27, SPCS NM EAST Y451136.23' / X554599.28' LAT32.24016713N / LON104.15674188W SURFACE HOLE LOCATION 285' FSL 882' FEL NAD 83, SPCS NM EAST Y451170.36' / X596248.68' LAT32.24021836N / LON104.1572919W NAD 27, SPCS NM EAST Y451111.94' / X555065.83' LAT32.24009826N / LON104.15523304W		14,109 DEPTH MEASURED IN FEET 14,066 DEPTH MEASURED IN FEET 11,716 DEPTH MEASURED IN FEET 9,342 DEPTH MEASURED IN FEET FIRST TAKE SHL C 1349' 882' 330' 285' 330'		SECTION 12	
SECTION 3	SECTION 2	SECTION 11			
SECTION 10					

NOTE: ALL DIMENSIONS IN U.S. FEET

3 03/05/2018 WHM
REV. DATE BY

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44485	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLF CAMP
⁴ Property Code	⁵ Property Name EL PRESIDENTE STATE 24 27 2 WXY	⁶ Well Number 10H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3135

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	T24S	R27E		281'	SOUTH	782'	EAST	EDDY

" 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
A (LOT 1)	2	T24S	R27E		287'	NORTH	297'	EAST	EDDY

¹² Dedicated Acres 320.68	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁶ CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 456216.24' / X: 594592.47' B - Y: 456234.85' / X: 597233.83' C - Y: 459923.92' / X: 597126.31' D - Y: 458066.36' / X: 594475.07'		CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 456157.74' / X: 553409.75' B - Y: 456176.31' / X: 556051.07' C - Y: 458065.49' / X: 555943.44' D - Y: 458747.97' / X: 553292.25'		¹⁷ 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.	
SECTION 34	SECTION 35	T-23-S	SECTION 36		Signature _____ Date _____ Printed Name _____ E-mail Address _____
SECTION 3	SECTION 2	T-24-S	SECTION 1		
BOTTOM HOLE LOCATION 14,048 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y: 45545.88' / X: 596929.06' LAT: 32.25334258N / LON: 104.15350272W NAD 27, SPCS NM EAST Y: 455887.35' / X: 555746.29' LAT: 32.25322261N / LON: 104.1530629W		14,048 DEPTH MEASURED IN FEET LAST TAKE 12,936 DEPTH MEASURED IN FEET		¹⁸ 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. Date of Survey _____ Signature and Seal of Professional Surveyor _____ CONSTRUCTION IS NOT TO BE USED FOR RECORDATION, CONVEYANCE OR THE BASIS FOR THE ISSUANCE OF A PERMIT.	
LAST TAKE POINT 14,005 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y: 455902.70' / X: 596928.94' LAT: 32.25322389N / LON: 104.15350333W NAD 27, SPCS NM EAST Y: 455844.17' / X: 555746.17' LAT: 32.25310391N / LON: 104.1530691W		11,710 DEPTH MEASURED IN FEET			
FIRST TAKE POINT 9,322 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST Y: 451239.69' / X: 596798.00' LAT: 32.24040642N / LON: 104.15395212W NAD 27, SPCS NM EAST Y: 451181.26' / X: 555515.14' LAT: 32.24028630N / LON: 104.15345603W		10,861 DEPTH MEASURED IN FEET 10,297 DEPTH MEASURED IN FEET			
SURFACE HOLE LOCATION 281' FSL 782' FEL NAD 83, SPCS NM EAST Y: 451170.36' / X: 596348.68' LAT: 32.24021790N / LON: 104.15540575W NAD 27, SPCS NM EAST Y: 451111.94' / X: 555516.83' LAT: 32.24009779N / LON: 104.15490962W		FIRST TAKE 9,322 DEPTH MEASURED IN FEET SHL			
SECTION 3	SECTION 2	SECTION 11	SECTION 12		Certificate Number _____

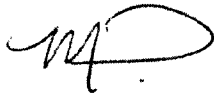
3	3/06/2018	WHM
REV.	DATE	BY

NOTE: ALL DIMENSIONS IN U.S. FEET

I have confirmed that the working, royalty and overriding royalty interests are identical for the El Presidente State 3H, El Presidente State X 4H, El Presidente State 24 27 2 WA 5H, El Presidente State 24 27 2 TB 6H, and El Presidente State 24 27 2 WXY 10H wells located in unit P of Section 2, T24S-R27E, Eddy County.

Should you have any questions or need further details please let me know.

Thank you

A handwritten signature in black ink, appearing to be 'MT', with a large loop at the end.

Matt S. Tate, CPL
Land Professional – Permian Basin

Marathon Oil Company
5555 San Felipe Street
Houston, TX 77056
Telephone 713.296.2164 Mobile 832.499.2029
Fax 713.235.8033
matthewstate@marathonoil.com

Production Summary Report**API: 30-015-42769****EL PRESIDENTE STATE #003H**

Year	Pool	Oil(BBLS)	Gas(MCF)	Days P/I
1/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	1201	15442	28
2/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	1330	14073	28
3/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	362	5200	12
4/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	0	0	0
5/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	0	0	0
6/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	0	0	0
7/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	138	1919	4
8/1/2018	[98220] PURPLE SAGE;WOLFCAMP (GAS)	1058	21476	31
Cum		91609	874479	

COMPLETIONNAME	PRODUCTIONDATE	OIL	GAS	WATER
El Presidente State X 4H	8/1/2018 0:00	257.1	394.9	2257
El Presidente State X 4H	8/2/2018 0:00	281.1	488.3	2327
El Presidente State X 4H	8/3/2018 0:00	136.4	420.6	2427
El Presidente State X 4H	8/4/2018 0:00	292.0	420.6	2359
El Presidente State X 4H	8/5/2018 0:00	140.7	499.5	1984
El Presidente State X 4H	8/6/2018 0:00	293.0	463.3	2282
El Presidente State X 4H	8/7/2018 0:00	288.9	517.5	2293
El Presidente State X 4H	8/8/2018 0:00	221.1	323.9	1508
El Presidente State X 4H	8/9/2018 0:00	296.0	516.2	1914
El Presidente State X 4H	8/10/2018 0:00	337.0	567.4	2266
El Presidente State X 4H	8/11/2018 0:00	334.7	477.0	2144
El Presidente State X 4H	8/12/2018 0:00	256.5	482.6	2110
El Presidente State X 4H	8/13/2018 0:00	381.0	526.4	2112
El Presidente State X 4H	8/14/2018 0:00	335.4	523.3	2064
El Presidente State X 4H	8/15/2018 0:00	307.1	478.0	1936
El Presidente State X 4H	8/16/2018 0:00	310.4	792.4	2321
El Presidente State X 4H	8/17/2018 0:00	558.1	610.4	1897
El Presidente State X 4H	8/18/2018 0:00	347.9	663.3	2273
El Presidente State X 4H	8/19/2018 0:00	322.0	321.1	1523
El Presidente State X 4H	8/20/2018 0:00	368.4	380.7	1313
El Presidente State X 4H	8/21/2018 0:00	294.6	296.3	1663
El Presidente State X 4H	8/22/2018 0:00	141.5	656.4	1860
El Presidente State X 4H	8/23/2018 0:00	127.9	463.4	1790
El Presidente State X 4H	8/24/2018 0:00	336.1	528.6	1675
El Presidente State X 4H	8/25/2018 0:00	468.8	614.3	1887
El Presidente State X 4H	8/26/2018 0:00	328.3	322.4	1823
El Presidente State X 4H	8/27/2018 0:00	409.4	443.7	1757
El Presidente State X 4H	8/28/2018 0:00	264.8	499.5	1767
El Presidente State X 4H	8/29/2018 0:00	429.8	467.3	1703
El Presidente State X 4H	8/30/2018 0:00	398.9	353.0	1842
El Presidente State X 4H	8/31/2018 0:00	257.8	571.9	1586
El Presidente State X 4H	9/1/2018 0:00	354.3	685.1	1821
El Presidente State X 4H	9/2/2018 0:00	339.8	845.8	1876
El Presidente State X 4H	9/3/2018 0:00	329.3	525.4	1431
El Presidente State X 4H	9/4/2018 0:00	343.7	576.6	1847
El Presidente State X 4H	9/5/2018 0:00	550.6	885.6	1725
El Presidente State X 4H	9/6/2018 0:00	750.7	623.3	1145
El Presidente State X 4H	9/7/2018 0:00	91.3	505.1	1315
El Presidente State X 4H	9/8/2018 0:00	282.0	1247.9	2599
El Presidente State X 4H	9/9/2018 0:00	463.2	944.3	1723
El Presidente State X 4H	9/10/2018 0:00	302.3	965.2	1690
El Presidente State X 4H	9/11/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/12/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/13/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/14/2018 0:00	39.6	50.2	260
El Presidente State X 4H	9/15/2018 0:00	873.8	395.6	1800

E-Permitting

no production

El Presidente State X 4H	9/16/2018 0:00	65.0	301.9	348
El Presidente State X 4H	9/17/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/18/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/19/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/20/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/21/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/22/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/23/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/24/2018 0:00	0.0	0.0	0
El Presidente State X 4H	9/25/2018 0:00	50.5	73.2	1047
El Presidente State X 4H	9/26/2018 0:00	213.5	0.0	0

COMPLETIONNAME	PRODUCTIONDATE	OIL	GAS	WATER
El Presidente State WA 5H	8/1/2018 0:00	502.0	790.7	1816
El Presidente State WA 5H	8/2/2018 0:00	516.9	888.5	1795
El Presidente State WA 5H	8/3/2018 0:00	450.8	1051.0	1750
El Presidente State WA 5H	8/4/2018 0:00	478.2	1032.3	1724
El Presidente State WA 5H	8/5/2018 0:00	494.3	1097.8	1636
El Presidente State WA 5H	8/6/2018 0:00	377.3	886.5	1683
El Presidente State WA 5H	8/7/2018 0:00	436.0	939.7	1657
El Presidente State WA 5H	8/8/2018 0:00	430.6	905.4	1633
El Presidente State WA 5H	8/9/2018 0:00	457.5	954.2	1612
El Presidente State WA 5H	8/10/2018 0:00	421.8	936.3	1571
El Presidente State WA 5H	8/11/2018 0:00	446.0	886.2	1540
El Presidente State WA 5H	8/12/2018 0:00	418.0	835.4	1549
El Presidente State WA 5H	8/13/2018 0:00	397.9	854.0	1546
El Presidente State WA 5H	8/14/2018 0:00	428.8	843.3	1528
El Presidente State WA 5H	8/15/2018 0:00	429.0	791.6	1507
El Presidente State WA 5H	8/16/2018 0:00	334.8	810.8	1454
El Presidente State WA 5H	8/17/2018 0:00	376.8	829.5	1428
El Presidente State WA 5H	8/18/2018 0:00	538.6	720.5	1440
El Presidente State WA 5H	8/19/2018 0:00	200.5	695.9	1399
El Presidente State WA 5H	8/20/2018 0:00	342.7	808.2	1397
El Presidente State WA 5H	8/21/2018 0:00	422.7	423.6	1332
El Presidente State WA 5H	8/22/2018 0:00	357.9	915.9	1320
El Presidente State WA 5H	8/23/2018 0:00	362.7	570.5	1320
El Presidente State WA 5H	8/24/2018 0:00	324.7	681.3	1320
El Presidente State WA 5H	8/25/2018 0:00	322.5	697.2	1297
El Presidente State WA 5H	8/26/2018 0:00	365.8	1316.6	1296
El Presidente State WA 5H	8/27/2018 0:00	393.6	1045.3	1744
El Presidente State WA 5H	8/28/2018 0:00	340.0	1085.1	0
El Presidente State WA 5H	8/29/2018 0:00	566.8	1051.1	0
El Presidente State WA 5H	8/30/2018 0:00	564.3	727.0	0
El Presidente State WA 5H	8/31/2018 0:00	310.3	1421.6	0
El Presidente State WA 5H	9/1/2018 0:00	412.5	1216.3	1615
El Presidente State WA 5H	9/2/2018 0:00	390.7	1167.7	1730
El Presidente State WA 5H	9/3/2018 0:00	362.8	1300.3	1295
El Presidente State WA 5H	9/4/2018 0:00	373.9	1313.3	1671
El Presidente State WA 5H	9/5/2018 0:00	149.2	511.6	399
El Presidente State WA 5H	9/6/2018 0:00	0.0	0.0	2
El Presidente State WA 5H	9/7/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/8/2018 0:00	1.5	0.0	0
El Presidente State WA 5H	9/9/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/10/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/11/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/12/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/13/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/14/2018 0:00	178.4	320.0	908
El Presidente State WA 5H	9/15/2018 0:00	341.1	906.2	1375

*E-permitting
NO Production*

El Presidente State WA 5H	9/16/2018 0:00	184.3	546.7	1396
El Presidente State WA 5H	9/17/2018 0:00	281.4	0.0	130
El Presidente State WA 5H	9/18/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/19/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/20/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/21/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/22/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/23/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/24/2018 0:00	0.0	0.0	0
El Presidente State WA 5H	9/25/2018 0:00	50.5	108.6	1386
El Presidente State WA 5H	9/26/2018 0:00	213.5	0.0	0

COMPLETIONNAME	PRODUCTIONDATE	OIL	GAS	WATER
El Presidente State TB 6H	8/1/2018 0:00	476.4	908.5	2001
El Presidente State TB 6H	8/2/2018 0:00	259.5	996.6	1962
El Presidente State TB 6H	8/3/2018 0:00	439.3	821.8	1906
El Presidente State TB 6H	8/4/2018 0:00	410.8	862.4	1858
El Presidente State TB 6H	8/5/2018 0:00	406.7	971.0	1837
El Presidente State TB 6H	8/6/2018 0:00	412.1	776.5	1810
El Presidente State TB 6H	8/7/2018 0:00	371.8	827.5	1788
El Presidente State TB 6H	8/8/2018 0:00	406.3	749.4	1767
El Presidente State TB 6H	8/9/2018 0:00	399.2	860.9	1737
El Presidente State TB 6H	8/10/2018 0:00	398.0	815.3	1723
El Presidente State TB 6H	8/11/2018 0:00	386.8	839.0	1706
El Presidente State TB 6H	8/12/2018 0:00	377.9	826.2	1701
El Presidente State TB 6H	8/13/2018 0:00	356.1	857.9	1618
El Presidente State TB 6H	8/14/2018 0:00	371.6	856.7	1662
El Presidente State TB 6H	8/15/2018 0:00	357.0	851.5	1625
El Presidente State TB 6H	8/16/2018 0:00	322.5	912.6	1553
El Presidente State TB 6H	8/17/2018 0:00	333.9	986.4	1532
El Presidente State TB 6H	8/18/2018 0:00	329.3	750.0	1539
El Presidente State TB 6H	8/19/2018 0:00	344.0	758.1	1509
El Presidente State TB 6H	8/20/2018 0:00	321.4	913.7	1537
El Presidente State TB 6H	8/21/2018 0:00	322.3	459.4	1520
El Presidente State TB 6H	8/22/2018 0:00	314.5	923.8	1495
El Presidente State TB 6H	8/23/2018 0:00	56.0	244.6	522
El Presidente State TB 6H	8/24/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	8/25/2018 0:00	4.1	0.0	0
El Presidente State TB 6H	8/26/2018 0:00	328.0	379.6	1285
El Presidente State TB 6H	8/27/2018 0:00	332.9	642.7	1505
El Presidente State TB 6H	8/28/2018 0:00	280.0	542.1	1353
El Presidente State TB 6H	8/29/2018 0:00	284.0	573.2	1491
El Presidente State TB 6H	8/30/2018 0:00	316.0	329.0	1465
El Presidente State TB 6H	8/31/2018 0:00	290.9	842.0	1453
El Presidente State TB 6H	9/1/2018 0:00	280.8	842.0	1446
El Presidente State TB 6H	9/2/2018 0:00	274.1	808.0	1402
El Presidente State TB 6H	9/3/2018 0:00	268.0	803.1	1391
El Presidente State TB 6H	9/4/2018 0:00	274.0	582.0	1358
El Presidente State TB 6H	9/5/2018 0:00	287.0	993.7	1393
El Presidente State TB 6H	9/6/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/7/2018 0:00	110.3	1095.2	3203
El Presidente State TB 6H	9/8/2018 0:00	343.8	1661.8	2014
El Presidente State TB 6H	9/9/2018 0:00	532.0	1436.9	1908
El Presidente State TB 6H	9/10/2018 0:00	360.0	1453.7	2053
El Presidente State TB 6H	9/11/2018 0:00	638.1	1906.4	1985
El Presidente State TB 6H	9/12/2018 0:00	469.6	1087.0	1867
El Presidente State TB 6H	9/13/2018 0:00	402.5	1081.0	2016
El Presidente State TB 6H	9/14/2018 0:00	97.4	599.6	999
El Presidente State TB 6H	9/15/2018 0:00	340.1	405.7	417

*E-permitting
no production*

El Presidente State TB 6H	9/16/2018 0:00	266.2	676.2	1673
El Presidente State TB 6H	9/17/2018 0:00	121.0	0.0	0
El Presidente State TB 6H	9/18/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/19/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/20/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/21/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/22/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/23/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/24/2018 0:00	0.0	0.0	0
El Presidente State TB 6H	9/25/2018 0:00	41.5	93.7	0
El Presidente State TB 6H	9/26/2018 0:00	213.5	0.0	0

COMPLETIONNAME	PRODUCTIONDATE	OIL	GAS	WATER
El Presidente State WXY 10H	8/1/2018 0:00	536.6	1089.9	1941
El Presidente State WXY 10H	8/2/2018 0:00	551.4	1216.9	1905
El Presidente State WXY 10H	8/3/2018 0:00	526.8	992.8	1871
El Presidente State WXY 10H	8/4/2018 0:00	528.1	1069.9	1828
El Presidente State WXY 10H	8/5/2018 0:00	526.1	1182.1	1802
El Presidente State WXY 10H	8/6/2018 0:00	517.7	948.2	1778
El Presidente State WXY 10H	8/7/2018 0:00	500.5	987.1	1728
El Presidente State WXY 10H	8/8/2018 0:00	493.5	935.2	1691
El Presidente State WXY 10H	8/9/2018 0:00	499.1	991.7	1700
El Presidente State WXY 10H	8/10/2018 0:00	476.6	984.9	1596
El Presidente State WXY 10H	8/11/2018 0:00	492.1	997.7	1709
El Presidente State WXY 10H	8/12/2018 0:00	481.2	961.1	1616
El Presidente State WXY 10H	8/13/2018 0:00	478.0	1014.0	1599
El Presidente State WXY 10H	8/14/2018 0:00	454.6	1003.8	1572
El Presidente State WXY 10H	8/15/2018 0:00	461.9	980.0	1552
El Presidente State WXY 10H	8/16/2018 0:00	397.5	1066.8	1536
El Presidente State WXY 10H	8/17/2018 0:00	474.1	1156.2	1518
El Presidente State WXY 10H	8/18/2018 0:00	405.5	769.0	1503
El Presidente State WXY 10H	8/19/2018 0:00	412.6	993.4	1476
El Presidente State WXY 10H	8/20/2018 0:00	434.2	1107.8	1466
El Presidente State WXY 10H	8/21/2018 0:00	433.2	535.1	1446
El Presidente State WXY 10H	8/22/2018 0:00	404.6	1082.8	1518
El Presidente State WXY 10H	8/23/2018 0:00	496.7	1439.5	2683
El Presidente State WXY 10H	8/24/2018 0:00	641.0	1241.6	1911
El Presidente State WXY 10H	8/25/2018 0:00	842.9	1303.1	2052
El Presidente State WXY 10H	8/26/2018 0:00	459.7	671.2	1991
El Presidente State WXY 10H	8/27/2018 0:00	643.0	926.5	1902
El Presidente State WXY 10H	8/28/2018 0:00	416.0	976.5	1888
El Presidente State WXY 10H	8/29/2018 0:00	657.2	857.3	1832
El Presidente State WXY 10H	8/30/2018 0:00	567.5	481.8	2146
El Presidente State WXY 10H	8/31/2018 0:00	360.5	1328.8	1420
El Presidente State WXY 10H	9/1/2018 0:00	523.9	1059.3	1734
El Presidente State WXY 10H	9/2/2018 0:00	428.8	1438.8	2145
El Presidente State WXY 10H	9/3/2018 0:00	485.2	965.0	1401
El Presidente State WXY 10H	9/4/2018 0:00	397.5	932.4	1804
El Presidente State WXY 10H	9/5/2018 0:00	178.4	345.8	429
El Presidente State WXY 10H	9/6/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/7/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/8/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/9/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/10/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/11/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/12/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/13/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/14/2018 0:00	16.5	1.2	94
El Presidente State WXY 10H	9/15/2018 0:00	853.2	717.8	1853

*no production
E-permitting*

El Presidente State WXY 10H	9/16/2018 0:00	388.4	659.2	1845
El Presidente State WXY 10H	9/17/2018 0:00	357.6	2.9	495
El Presidente State WXY 10H	9/18/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/19/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/20/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/21/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/22/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/23/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/24/2018 0:00	0.0	0.0	0
El Presidente State WXY 10H	9/25/2018 0:00	334.5	840.5	943
El Presidente State WXY 10H	9/26/2018 0:00	213.5	0.0	0

Process and Flow Descriptions:

The central tank battery is located on the Grama Ridge 8 State multi-well pad location in Sec 8, T22S, R34E. The production from each well will flow through its own three phase metering separator with a Micro Motion Coriolis Meter to meter the oil, Mag meter to meter the water, and an orifice meter to meter the gas. VRU gas will be allocated back to each well utilizing a percentage of each wells monthly oil production. After the water is measured with the Mag meter, it is combined with the water for the other wells and with any water knockout from the heater treater and sent to the water tanks. The water tanks have guided wave radar level transmitters which can detect oil/water interfaces. If an interface is seen the operator will use the recycle pump to pump this interface and any oil to the heater treater for further processing.

The Grama Ridge 8 State CTB will have oil tanks that these three wells will utilize and they have a common Lucid CDP, (Central Delivery Point) **(Number provided upon receipt)** which is located on site. Oil, gas, and water volumes from each well producing to this battery will be determined by using individual metering allocation separator. Oil sold through a common sales line for tanks (information provided upon receipt).

Oil production will be allocated on a daily basis based on the Coriolis Test meter located downstream of the metering test separator and daily tank gauges and truck LACT. The Coriolis meters will be proven, as per API & NMOCD specifications, when installed, once every 3 months (to establish a consistent repeatability factor), and then semi-annually thereafter, the factor obtained will be used to allocate the production volumes. Gas production will be allocated on a daily basis utilizing the gas test meters for each well. The gas production from the wells and the gas test meters will commingle and flow to an allocation meter and then to the Lucid CDP sales meter, **(number provided upon receipt)** these meters will be calibrated on a regular basis per API & NMOCD specifications. The OCD will be notified of any future changes in the facilities.

Reasoning:

The flow of produced fluids is shown in detail on the enclosed Grama Ridge 8 State Com CTB Process Flow Diagrams along with a description of each vessel. The commingling of this production is the most effective, economic means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce the surface facility footprint and overall emissions.