

Revised March 23, 2017

RECEIVED: 07/02/2018	REVIEWER: NAM	TYPE: CTB	APP NO: PmAm 18183543 93
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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: Cimarex Energy Co. of Colorado	OGRID Number: 162683
Well Name: Crescent Hale 10 Federal 1H 2H 3H 4H	API: 30-015 (-39824) (-39825) (-40784) (-43847)
Pool: Benson; Bone Spring	Pool Code: 5200

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

CTB - 863

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.

Amithy Crawford

Print or Type Name

Amithy Crawford
 Signature

6/22/2018

Date

432-620-1909

Phone Number

acrawford@cimarex.com

e-mail Address



CIMAREX ENERGY COMPANY OF COLORADO
202 S. Cheyenne Ave., Suite 1000
Tulsa, OK 74103

6/14/2018

Attn: Mr. Michael McMillan
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

Subject: Application for Central Tank Battery Lease Commingle/Off Lease Sales, Storage & Measurement
Crescent Hale 10 Federal wells 1H 2H 3H 4H
All in section 10 & 11 T-19S, R-30E Eddy County NM
Benson (Bone Spring)

Mr. McMillan,

Pursuant to Division Rule 19.15.12.10, Cimarex Energy Co of Colorado respectfully requests administrative approval to Lease Commingle at a Central Tank Battery. Cimarex also requests approval for off lease sales, measurement and storage of Oil for the Crescent Hale 10 Federal 2H and requests approval for off lease sales and measurement of the gas for the Crescent Hale 10 Federal 2H, 1H & 4H.

Each well is metered individually. This action will prevent waste, promote conservation and protect correlative rights. The Crescent Hale 10 Federal battery is located on the 3H well pad, UL: K, Sec 11, T-19S, R-30E.

These wells are operated by Cimarex Energy Co of Colorado with Diverse ownership. There are 2 leases and 2 communitization agreements involved. Pursuant Division Rule 19.15.12.10 the interest owners that are to be notified are listed on Exhibit A and are being sent a copy of this application by certified mail, return receipt.

Also Attached:

- NMOCD Form C-107B
- Summary Detail
- Lease plat shows boundaries, federal Lease #s, facility, wellhead and path of production
- Facility Diagram
- NMOCD form C-102 well plats for each well
- A copy of notice letter to interest owners and a copy of certified mail, return receipt request
- Copy of BLM sundry Submittal

For future addition of wells, leases, and pool to this commingling operation, notice shall be given to the interest owners in the wells, leases or pools to be added, in accordance with the Division Rule 19.15.12.10 C (4)(g) NMAC.

Thank you,

A handwritten signature in black ink that reads "Amy Crawford". The signature is fluid and cursive, with the first name "Amy" and last name "Crawford" clearly distinguishable.

Amy Crawford
Regulatory Analyst
432-620-1909
acrawford@cimarex.com

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: Cimarex Energy Co. of Colorado

OPERATOR ADDRESS: 202 S. Cheyenne Ave., Suite 1000 Tulsa, OK 74103

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

- (2) Are any wells producing at top allowances? ☐ Yes ☐ No
(3) Has 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) Has 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.

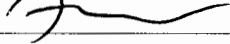
(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

- (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: Regulatory Analyst DATE: 06/14/2018
TYPE OR PRINT NAME Fatima Vasquez TELEPHONE NO.: 432-620-1933
E-MAIL ADDRESS: fvasquez@cimarex.com

Application for Central Tank Battery Lease Commingle/Off Lease Sales, Storage & Measurement

Oil Production & Allocation:

The facility is comprised of two separate oil batteries.

Crescent Hale Federal Com #2H has its own battery which is co-located at this facility.

Production from the well flows into a production header and then flows through a dedicated two-phase separator, followed by a heater treater and then a Coriolis oil meter #300023053P. The oil production is then routed to individual designated tanks for sales and storage. The oil production is not commingled.

Crescent Hale Federal #1H, Crescent Hale Federal #3H, and Crescent Hale Federal Com #4H have their own oil battery which is co-located at this facility.

Production from the wells flow into a production header and then flows through a dedicated two-phase separator, followed by a heater treater and then a Coriolis oil meter prior to being routed to designated tanks for sales and storage.

Coriolis meter information:

Crescent Hale Federal #1H:	300023062P
Crescent Hale Federal #3H:	300023039P
Crescent Hale Federal Com #4H:	3000323070P

The Coriolis meters will be used to allocate oil production. The oil production is commingled for these three wells only.

Gas Production & Allocation:

The gas flows from each well to a production header and then flows through a dedicated two-phase separator and heater treater. The production then flows through an individual well-head allocation meter where it is measured.

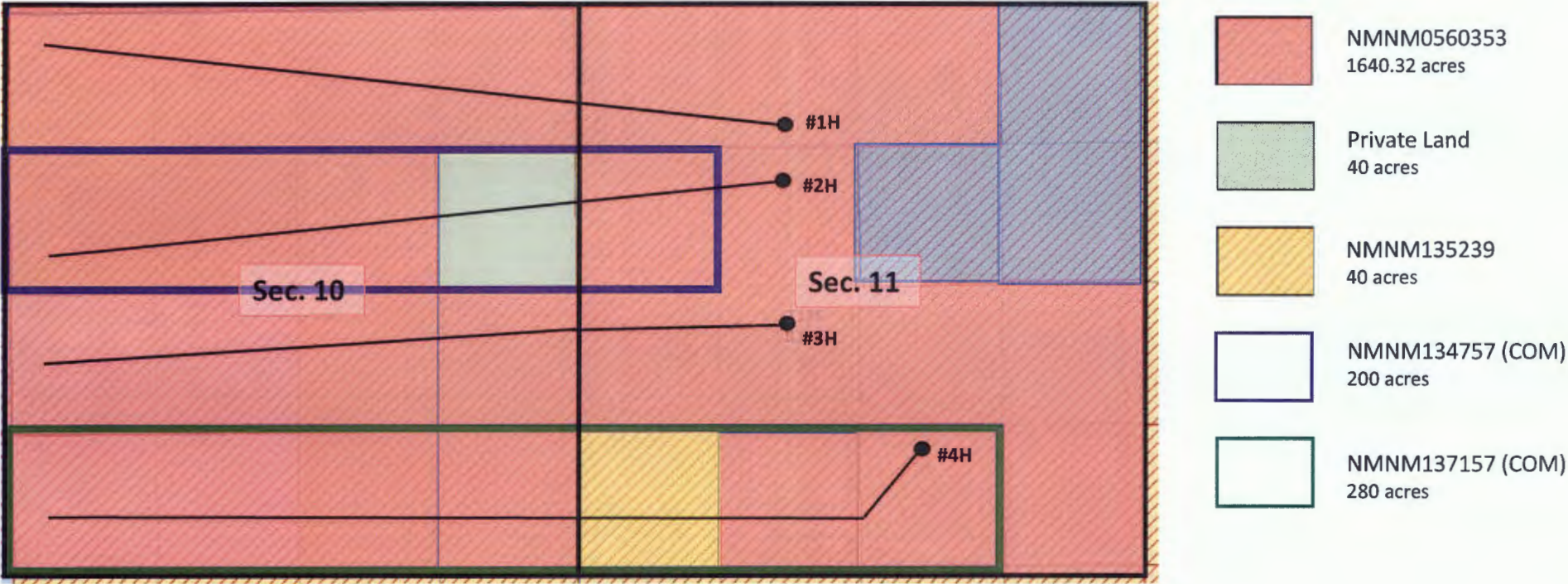
Crescent Hale Federal #1H:	300023062
Crescent Hale Federal Com #2H	300023053
Crescent Hale Federal #3H:	300023039
Crescent Hale Federal Com #4H:	300023070

Commingled gas production flows to the DCP gas sales meter 13135421. Gas production and sales will be allocated back to each well based upon the daily metered volume from the well-head meter. Sales will be allocated back to each well based upon the monthly metered volume from the well head and the total sales volume from the DCP sales meter. The well-head meters and gas sales meter will be calibrated on a regulatory basis per API, NMOCD and BLM specifications.

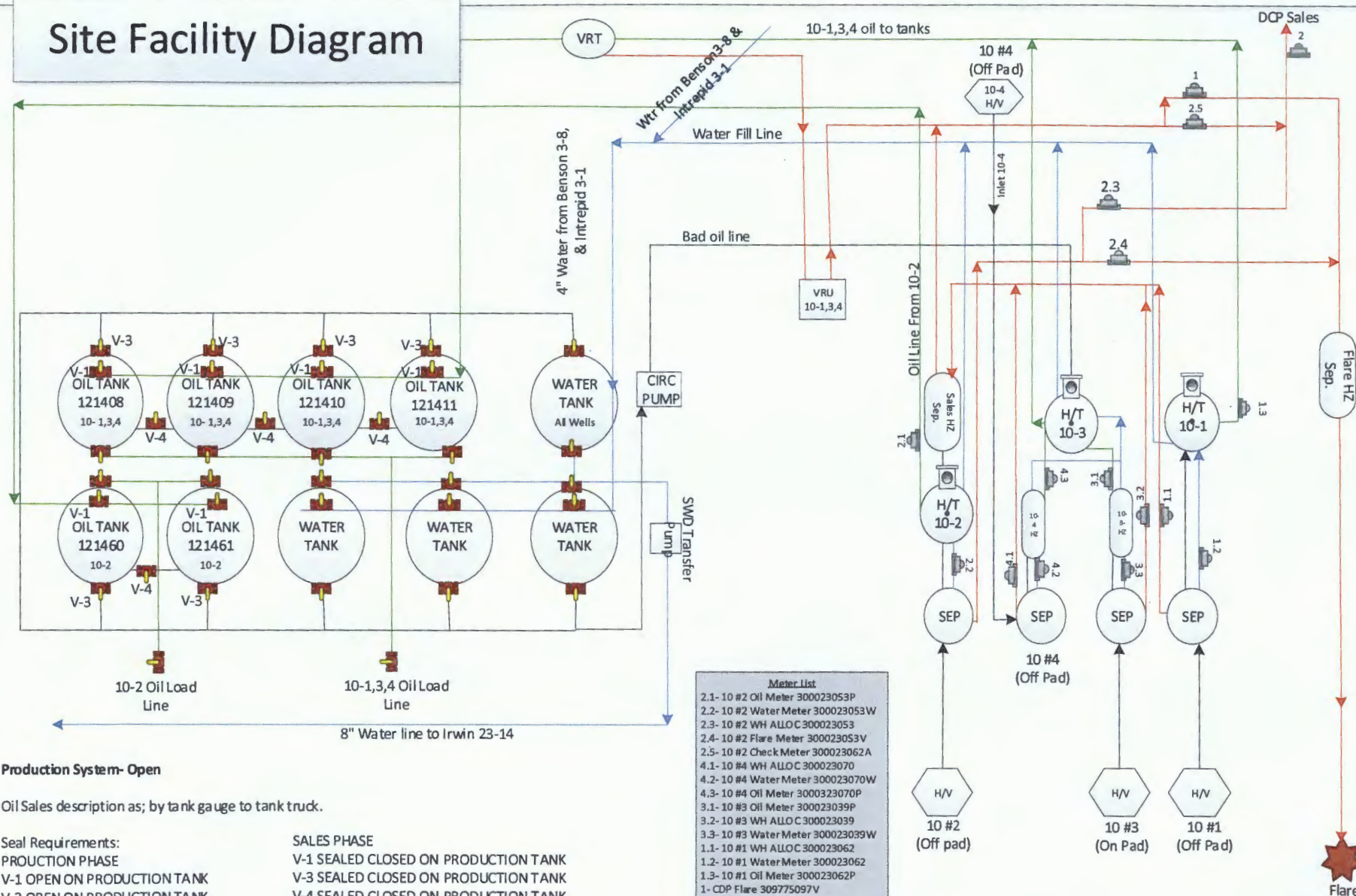
The BLM & NMOCD will be notified of any changes to the facilities.

Cimarex understands the requested approval will not constitute the granting of any right-of-way or construction rights.

Crescent Hale 10 Fed Com Lease Plat
Sec. 10 & 11 – 19S – 30E – Lea County, NM



Site Facility Diagram



Drawn: 6/7/18

Crescent Hale 10 Federal Com #4H

30-015-43847
K, Sec 11, T19S, R30E
1257 FSL & 1974 FEL
Eddy County NM
NMNM 0560353
NMNM137157

Crescent Hale 10 Federal #3H

30-015-40784
K, Sec 11, T19S, R30E
2250 FSL & 2025 FWL
Eddy County NM
NMNM 0560353

Crescent Hale 10 Federal Com #2

30-015-39825
F, Sec 11, T19S, R30E
1560 FNL & 1960 FWL
Eddy County NM
NMNM 0560353
NMNM134757

Crescent Hale 10 Federal #1

30-015-39824
Sec 11, T19S, R30E
1075 FNL & 1890 FWL
Eddy County NM
NMNM 0560353



DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Artec, 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-102
Revised July 16, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-39824	Pool Code 5200	Pool Name Benson; Bone Spring
Property Code	Property Name CRESCENT HALE "10" FEDERAL	Well Number 1H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3400'

Surface Location

UL or lot No. C	Section 11	Township 19 S	Range 30 E	Lot Idn	Feet from the 1075	North/South line NORTH	Feet from the 1890	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. D	Section 10	Township 19 S	Range 30 E	Lot Idn	Feet from the 506	North/South line NORTH	Feet from the 348	East/West line WEST	County EDDY
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Dedicated Acres 200	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

<div data-bbox="99 987 363 1071">BHL 506 FNL & 348 FWL</div> <div data-bbox="809 987 1106 1071">SHL & PP Bone Spring 1075 FNL & 1890 FWL</div> <div data-bbox="660 1113 908 1260">SURFACE LOCATION Lat - N 32°40'44.98" Long - W 103°56'42.32" NMSPCE- N 611028.859 E 660793.865 (NAD-83)</div> <div data-bbox="82 1260 1106 1764"></div>	<div data-bbox="1123 987 1552 1407">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>Aricka Easterling</i> 9/30/2014 Signature Date Aricka Easterling Printed Name aeasterling@cimarex.com Email Address</div> <div data-bbox="1123 1428 1552 1974">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 Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24184</div>
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DISTRICT I
1626 N. French Dr., Hobbs, NM 88240
DISTRICT II
1501 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., 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-102
Revised July 16, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-39825	Pool Code 5200	Pool Name Benson; Bone Spring
Property Code 39015	Property Name CRESCENT HALE "10" FEDERAL COM	Well Number 2H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3380'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	11	19 S	30 E		1560	NORTH	1960	WEST	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
E	10	19 S	30 E		2349	NORTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
200			

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

BHL 2349 FNL & 330 FWL	SHL & PP Bone Spring 1560 FNL & 1960 FWL
<p>SURFACE LOCATION Lat - N 32°40'40.19" Long - W 103°56'41.52" NMSPCE- N 810544.333 E 660864.022 (NAD-83)</p>	
<p>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.</p> <p><i>Gloria Garza</i> 1/8/2014 Signature Date Gloria Garza Printed Name ggarza@cimarex.com Email Address</p>	
<p>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.</p> <p><i>GARY L. JONES</i> Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 24185 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24185</p>	

DISTRICT I

1828 N. French Dr., Hobbs, NM 88240

DISTRICT II

1201 W. Grand Avenue, Las Cruces, NM 88510

DISTRICT III

1000 1st Benson Rd., Artesia, NM 87410

DISTRICT IV

1820 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-108

Revised July 18, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1820 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-40784	Pool Code 97020	Pool Name Benson; Bone Spring NW
Property Code 39015	Property Name CRESCENT HALE "10" FEDERAL	Well Number 3H
GORID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3354'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	11	19 S	30 E		2250	SOUTH	2025	WEST	EDDY

Bottom Hole Location If Different From Surface

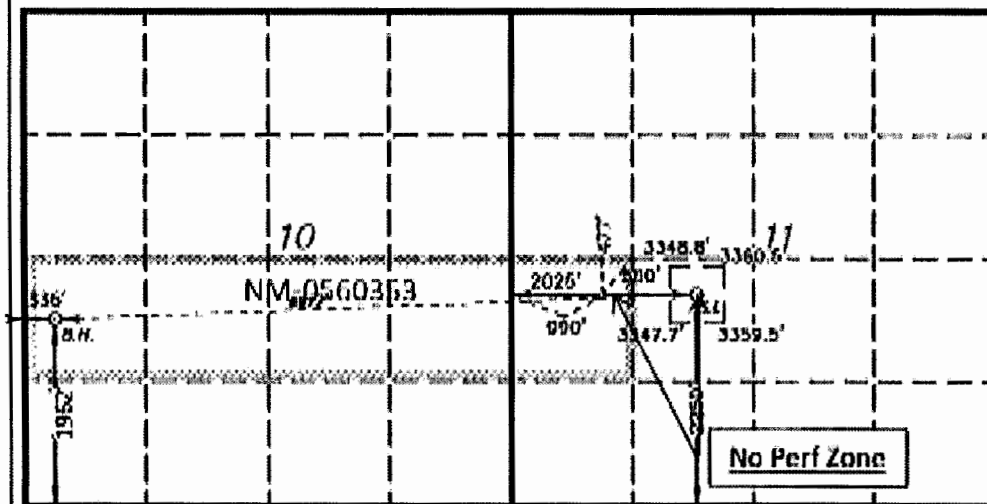
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	19 S	30 E		1962	SOUTH	336	WEST	EDDY

Dedicated Acrea 200	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

SURFACE LOCATION

Lat = N 32°40'25.86"
Long = W 103°58'40.77"
NAD83 - N 608076.065
E 880933.135
(NAD-83)



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.

Aricka Easterling 9/11/13
Signature Date

Aricka Easterling

Printed Name

aeasterling@cimarex.com

Email 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.

APPROVED
Date Surveyed
Signature of Surveyor
Professional Surveyor
W.C. Jones

Certificate No. Gary L. Jones 7977

BASIN SURVEY 24482

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 30-015-43847	² Pool Code 5200	³ Pool Name Benson: Bone Spring
⁴ Property Code 316482	⁵ Property Name CRESCENT HALE 10 FEDERAL COM	⁶ Well Number 411
⁷ OGRID No. 162683	⁸ Operator Name Cimarex Energy Co. of Colorado	⁹ Elevation 3350.6'

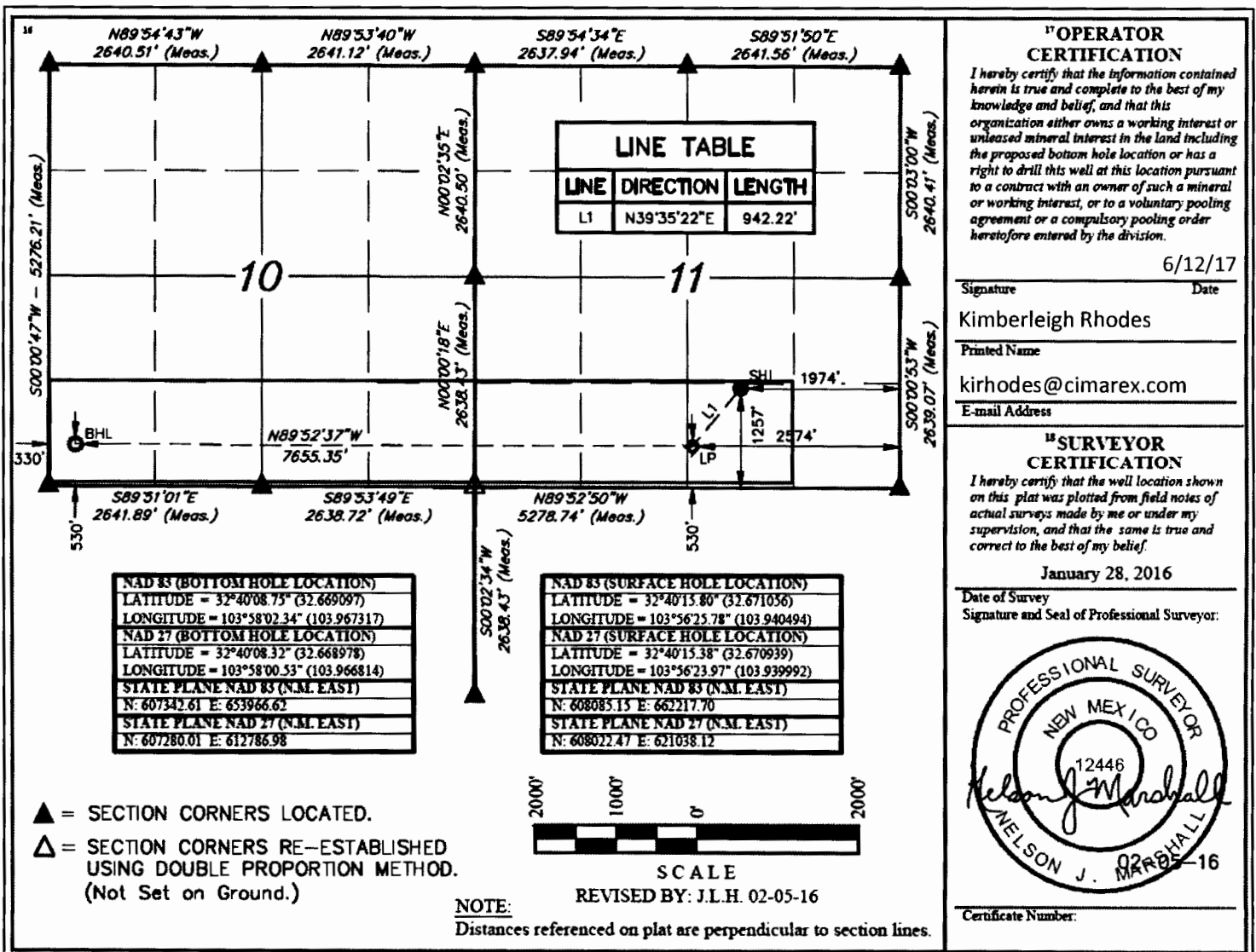
" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	11	19 S	30 E		1257	SOUTH	1974	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
M	10	19 S	30 E		530	SOUTH	330	WEST	EDDY
¹¹ Dedicated Acres 280	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.





Cimarex Energy Co. of Colorado
202 S. Cheyenne Ave.,
Suite 1000
Tulsa, OK 74103
Main: (918) 585-1100

CERTIFIED RETURN RECEIPT REQUESTED

June 14, 2018

TO: See Exhibit "A"

RE: Application for Lease Surface Commingle for
Crescent Hale 10 Federal #1H, #2H, #3H, & #4H all in
Section 10 & 11, T-19S, R-30E
Benson; Bone Spring
Eddy County, New Mexico

To All Whom It May Concern,

This is to advise you that Cimarex Energy Co. of Colorado is filing an application with the Bureau of Land Management (BLM) and New Mexico Oil Conservation Division (NMOCD) seeking approval for a Lease Surface Commingle permit at a Central Tank Battery. Our application to the BLM and NMOCD is attached. Each well is individually metered before being commingled. The Crescent Hale 10 Federal battery is located on #3H well pad, UL/Lot K, Sec. 11, T-19S, R-30E.

In accordance with Paragraph (4)(c) of Subsection C of 19.15.12.10 NMAC prescribes that the applicant shall notify the interest owners. The Applicant shall submit a statement attesting that the applicant, on or before the date the application is submitted to the division, notified each of the interest owners by sending them a copy of the application and the attachments of the application by certified mail, return receipt requested, and advising them that they must file an objection in writing with the division's Santa Fe Office within 20 days from the date the division received the application. The division may approve the application administratively, without hearing, upon receipt of written waiver from the interest owner, or if no interest owner has filed an objection within the 20-day period. If the division receives an objection, it shall set the application for hearing. The division shall notify the applicant, who shall give formal notice of hearing to each party who has filed an objection and to such other persons as the division directs.

For future addition of wells and leases to this commingling operation, notice shall only be given to those interest owners in the wells or leases to be added, in accordance with the Division Rule 19.15.12.10 C (4)(g) NMAC.

If you have any questions, please call me at (432) 620-1933.

Sincerely,

A handwritten signature in black ink, appearing to be "Fatima Vasquez", with a long, sweeping horizontal line extending to the right.

Fatima Vasquez
Regulatory Analyst

EXHIBIT "A"
Application for Lease Commingling and Off-Lease Measurement, Sales, and Storage
Crescent Hale 10 Federal 1H, 2H, 3H, and 4H
Sections 10 and 11, Township 19 South, Range 30 East, Eddy County, New Mexico

OWNERS TO BE SERVED NOTICE:

Royalty Interest

Owner	Address	Certified Mail #
Nancy Dean Investment Co.	Nancy Dean Investment Co. c/o Mary Bird Dean Bowman 3106 Mistywood Circle Austin, TX 78746	9414 8108 9876 5013 6780 83

Overriding Royalty Interest

Owner	Address	Certified Mail #
Crescent Porter Hale Foundation	Crescent Porter Hale Foundation 1660 Bush St., Suite 300 San Francisco, CA 94109	9414 8108 9876 5013 6781 75

Working Interest

Owner	Address	Certified Mail #
Cimarex Energy Co.	Cimarex Energy Co. Attn: Land Department 600 N. Marienfeld St., Suite 600 Midland, TX 79701	N/A- Cimarex Energy Co.

Cimarex Energy Co
600 N MARIENFELD ST STE 600
MIDLAND TX 79701-4405

US POSTAGE AND FEES PAID

FIRST-CLASS

Jun 22 2018

Mailed from ZIP 79701

7 oz First-Class Mail Flat Rate



endicla.com

071S00777793

USPS CERTIFIED MAIL



9414 8108 9876 5013 6780 83

Nancy Dean Investment Co
co Mary Bird Dean Bowman
3106 MISTYWOOD CIR
AUSTIN TX 78746-7861



Cimarex Energy Co
600 N MARIENFELD ST STE 600
MIDLAND TX 79701-4405

US POSTAGE AND FEES PAID

FIRST-CLASS

Jun 22 2018

Mailed from ZIP 79701

7 oz First-Class Mail Flat Rate



endicia.com

071S00777793

USPS CERTIFIED MAIL



9414 8108 9876 5013 6781 75

Crescent Porter Hale Foundation
1660 BUSH ST STE 300
SAN FRANCISCO CA 94109-5308



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

CRESCENT HALE 10 FEDERAL 3H

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

Contact: AMITHY E CRAWFORD

Email: acrawford@cimarex.com

9. API Well No.

30-015-40784

3a. Address

202 S. CHEYENNE AVE STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)

Ph: 432-620-1909

10. Field and Pool or Exploratory Area

BENSON; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 11 T19S R30E 2250FSL 2025FWL

11. County or Parish, State

EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Comminglin
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Cimarex Energy Co of Colorado respectfully requests approval for a Central Tank battery lease commingle and off Lease measurement sales & Storage of oil and gas production of the following wells:

NMNM0560353 Crescent Hale 10 Federal 1H 30-015-39824

NMNM134757 Crescent Hale 10 Federal 2H 30-015-39825

NMNM0560353 Crescent Hale 10 Federal 3H 30-015-40784

NMNM137157 Crescent Hale 10 Federal 4H 30-015-43847

The Crescent Hale 10 CTB is located at the Crescent Hale 10 Federal 3H well pad, Sec 11 19S 30E Eddy County NM.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #425133 verified by the BLM Well Information System
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad

Name (Printed/Typed) AMITHY E CRAWFORD

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/22/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #425133 that would not fit on the form

32. Additional remarks, continued

Oil gas and water production from the Crescent Hale 10 Federal wells flows through individual production headers and then flow through a dedicated two-phase separator.

Oil production from the Crescent Hale 10 Federal 2H flows from the dedicated separator through a heater-treater and is measured by Coriolis meter 300023053P before being routed to individual designated oil tanks for sales and storage. the oil production from the #2H is not commingled.

Oil production from the Crescent Hale 10 Federal 1H 2H & 4H flows from the dedicated separator through a heater-treater and then measured by Coriolis meters 1H(300023062P), 2H(300023039P) & 4H(3000323070P) before being routed to designated oil tanks for sales and storage. Oil production from the 1H 2H & 4H is commingled.

Gas flows from each well to a production header and then flows through a dedicated two phase separator and heater-treater. The gas production then flows through individual allocations meters 1H(300023062), 2H(300023053), 3H(300023039) & 4H(300023070). The Commingled gas then flows through DCP sales meter 13135421.

Multi-Com and Lease Information attached.

Production Summary Report						
API: 30-015-39824						
CRESCENT HALE 10 FEDERAL #001						
		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I
12/1/2017	[5200] BENSON;BONE SPRING	Dec	1665	1459	3969	31
1/1/2018	[5200] BENSON;BONE SPRING	Jan	821	2196	2148	31
2/1/2018	[5200] BENSON;BONE SPRING	Feb	1909	2719	4408	28
3/1/2018	[5200] BENSON;BONE SPRING	Mar	1915	2214	3758	31
4/1/2018	[5200] BENSON;BONE SPRING	Apr	1241	1588	2731	30
5/1/2018	[5200] BENSON;BONE SPRING	May	996	1983	2848	31
Cum			213271	550618		

Production Summary Report						
API: 30-015-39825						
CRESCENT HALE 10 FEDERAL #002						
Printed On: Monday, July 23 2018						
		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I
12/1/2017	[5200] BENSON;BONE SPRING	Dec	1347	4400	2615	31
1/1/2018	[5200] BENSON;BONE SPRING	Jan	1309	3830	2887	31
2/1/2018	[5200] BENSON;BONE SPRING	Feb	1124	4099	3293	28
3/1/2018	[5200] BENSON;BONE SPRING	Mar	1254	4601	3206	31
4/1/2018	[5200] BENSON;BONE SPRING	Apr	1114	4680	2530	30
5/1/2018	[5200] BENSON;BONE SPRING	May	1122	3046	3049	31
Cum			219946	685226		

Production Summary Report						
API: 30-015-40784						
CRESCENT HALE 10 FEDERAL #003H						
		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I
12/1/2017	[5200] BENSON;BONE SPRING	Dec	1724	4236	10235	31
1/1/2018	[5200] BENSON;BONE SPRING	Jan	1851	4093	9998	31
2/1/2018	[5200] BENSON;BONE SPRING	Feb	726	1349	3041	28
3/1/2018	[5200] BENSON;BONE SPRING	Mar	949	1216	2458	31
4/1/2018	[5200] BENSON;BONE SPRING	Apr	775	1074	1566	30
5/1/2018	[5200] BENSON;BONE SPRING	May	1064	3075	2326	31
Cum			238098	662229		

Production Summary Report
API: 30-015-43847
CRESCENT HALE 10 FEDERAL COM #004H

		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I
12/1/2017	[5200] BENSON;BONE SPRING	Dec	9105	29625	42168	31
1/1/2018	[5200] BENSON;BONE SPRING	Jan	8622	27728	40079	31
2/1/2018	[5200] BENSON;BONE SPRING	Feb	6341	25173	33151	28
3/1/2018	[5200] BENSON;BONE SPRING	Mar	6452	27298	33712	31
4/1/2018	[5200] BENSON;BONE SPRING	Apr	5883	22699	31231	30
5/1/2018	[5200] BENSON;BONE SPRING	May	5646	19219	25316	24
Cum			118583	296326		