

RECEIVED: 3/16/20	REVIEWER:	TYPE: PLC	APP NO: pDM2009939926
-------------------	-----------	-----------	-----------------------

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. **OGRID Number:** 215099
Well Name: DaVinci 7-18 Federal Com #'s 6H, 9H, 29H, & 30H **API:** 30-015-(44220), (44697), (44695), (44790)
Pool: Purple Sage; Wolfcamp - Gas (98220) & Cottonwood Draw; Bone Spring - Oil (97494) **Pool Code:** 97020

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.

Fatima Vasquez

Print or Type Name

Signature

03/16/2020

Date

432-620-1933

Phone Number

fvasquez@cimarex.com

e-mail Address



CIMAREX ENERGY COMPANY
600 N. Marienfeld St., Suite 600
Midland, TX 79701

03/16/2020

Attn: Mr. Dean McClure
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

Subject: Application to Lease Commingling at Common Central Tank Battery
DaVinci 7-18 Federal Com
All in Sec. 7 & 18, T-24S, R-26E, Eddy County, NM
Purple Sage; Wolfcamp, Gas (98220)
Cottonwood Draw; Bone Spring, Oil (97494)

Mr. McClure,

Pursuant to Division Rule 19.15.12.10, Cimarex Energy Co. respectfully requests administrative approval to Lease Commingle at a Common Central Tank Battery.

Each well is metered individually. This action will prevent waste, promote conservation and protect correlative rights. The DaVinci 7-18 Federal Com battery is located in Unit Letters C & F, Sec 25, T-24S, R-26E.

These wells are operated by Cimarex Energy Co. with diverse ownership. There are five federal leases, one communitization agreement and two proposed 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
- NMOCD Administrative Application Checklist
- 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 pools 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 blue ink, appearing to read "Fatima Vasquez", with a stylized flourish at the end.

Fatima Vasquez
Regulatory Analyst
432-620-1933
fvasquez@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.
OPERATOR ADDRESS: 600 N. Marienfeld Street, Suite 600; Midland, Tx 79701
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
Purple Sage; Wolfcamp (Gas) (98220)	Please see attached.			
Cottonwood Draw; Bone Spring (Oil) (97494)				

- (2) Are any wells producing at top allowables? ☐ 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. Please see attached sheets.

(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. Please see attached.
(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. DaVinci 7-18 Federal Com 6H - 30-015-44220
DaVinci 7-18 Federal Com 9H - 30-015-44697, DaVinci 7-18 Federal Com 29H - 30-015-44695, DaVinci 7-18 Federal Com 30H - 30-015-44790
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE:  TITLE: Regulatory Analyst DATE: 03/16/2020
TYPE OR PRINT NAME Fatima Vasquez TELEPHONE NO.: 432-620-1933
E-MAIL ADDRESS: fvasquez@cimarex.com



**Economic Justification Worksheet
DaVinci 7-18 Federal Com**

Commingling proposal for leases: NMNM100332 , NMNM092167, NMNM111530, NMNM093471, & NMNM094842

COM Agreement Info: W2 Wolfcamp: NMNM137591

Bone Spring: New COM required

E2 Wolfcamp: New COM required

Federal Lease: NMNM100332, NMNM092167 & NMNM111530 - NEW COM REQUIRED									
Well Name		BOPD	Gravity	Bbl price	Value	MCPD	Dry BTU	MCF price	value
DaVinci 7 Federal 29H	Wolfcamp	1400	49.0	\$ 54.61	\$ 76,452.60	10000	1.241	\$ 1.50	\$ 15,000.00
DaVinci 7-18 Federal Com 30H	Bone Spring	1800	46.1	\$ 54.61	\$ 98,296.20	2000	1.241	\$ 1.50	\$ 3,000.00
Total		3200	47.381875	\$ 54.61	\$ 174,748.80	12000	1.309	\$ 1.50	\$ 18,000.00
COM Agreement: NMNM137591									
Well Name		BOPD	Gravity	Bbl Price	Value	MCPD	Dry BTU	MCF price	Value
Da Vinci 7-18 Federal Com 6H	Wolfcamp	130	48.9	\$ 54.61	\$ 7,099.17	987	1.241	\$ 1.50	\$ 1,480.50
Da Vinci 7-18 Fedreal Com 9H	Wolfcamp	150	48.9	\$ 54.61	\$ 8,191.35	5961	1.241	\$ 1.50	\$ 8,941.50
Total		280	48.9	\$ 54.61	\$ 15,290.52	6948	1.241	1.500	\$ 10,422.00
Grand total:		3480	47.504023	\$ 54.61	\$ 190,039.32	18948	1.275	\$ 1.50	\$ 28,422.00

FORECAST

FORECAST

WTL

WTL

WTL

Combined Production:		BOPD	Weighted Avg	Bbl Price	Value	MCFPD	Dry BTU	MCF price	Value
ALL WELLS in SECTION		3480	47.504023	\$ 54.61	\$ 190,039.32	18948	1.273	\$ 1.50	\$ 28,422.00

ROYALTY IMPACT	\$ -	\$ -	No Change
----------------	------	------	-----------

Weighted Average Info:	BOPD	Gravity		Weighted Avg
U WCMP Existing (Da Vinci 6H)	130	48.9	6357	
L WCMP Existing (Da Vinci 9H)	150	48.9	7335	
Harkey NOT EXISTING (30H)	1800	46.1	82980	
L WCMP NOT EXISTING (29H)	1400	49.03	68642	
	3480		165314	47.504023

*If anything, comingling GUARANTEES a better price on our L WCMP Da Vinci 29H well. It is close to the WTC price, which would be another deduct based on market pricing (typically ~\$1.00)

Notes:

Plains Contract has language for WTI being 44 API and lower, WTL being 44.01-49.99 API and WTC being 50-55 API this is mixed for ALL of White City

WTL Pricing during last notice (July)

54.609 See Da Vinci 6H-9H

WELL INFORMATION & FLOW DESCRIPTION**APPLICATION FOR POOL AND LEASE COMMINGLING AT A COMMON CENTRAL TANK BATTERY, OFF LEASE MEASUREMENT, SALES AND STORAGE**

Commingling Proposal: **Commingling 3 Federal Com Agreements and 2 Pools**
Purple Sage, Wolfcamp (Gas) & Cottonwood Draw; Bone Spring (O) Pools
Com Agreements: Wolfcamp: NMNM137591 & 1 New COM
Bone Spring: 1 New COM

Federal Lease: NMNM100332, NMNM092167 & NMNM111530 - New COM Required

Well Name	Location	API#	Pool	BOPD	Gravity	MCFPD	BTU
DaVinci 7 Federal Com 29H	B, Sec. 7, 25S, 27E	30-015-44695	Purple Sage Wolfcamp (Gas)	1400	49.0	10000	1.241
DaVinci 7 Federal Com 30H	B, Sec. 7, 25S, 27E	30-015-44790	Cottonwood Draw; Bone Spring (o)	1800	46.1	2000	1.241

Federal Lease: CA NMNM137591

Well Name	Location	API#	Pool	BOPD	Gravity	MCFPD	BTU
DaVinci 7 Federal Com 6H	Lot 7, Sec. 6, 25S, 27E	30-015-44220	Purple Sage Wolfcamp (Gas)	130	48.9	987	1.241
DaVinci 7 Federal Com 9H	Lot 7, Sec. 6, 25S, 27E	30-015-44697	Purple Sage Wolfcamp (Gas)	150	48.9	5961	1.241

Attached map show the federal leases, COM agreement boundaries :
 25S-27E and Sec. 7-25S-27E.

Sec. 6-

The BLM's interest in all wells is identical.

NMNM100332	12.5% Royalty Rate
NMNM092167	12.5% Royalty Rate
NMNM111530	12.5% Royalty Rate
NMNM093471	12.5% Royalty Rate
NMNM094842	12.5% Royalty Rate
CA - NMNM137591	12.5% Royalty Rate

DaVinci 7-18 Federal Com - Commingle Page 2

CTB Equipment:	2	Oil Tanks
	2	Water Tanks
	1	Gas Sales Meter
	4	Allocation Gas Meters
	4	Micro Motion Coriolis Meter
	4	Water Turbine Meter

Process & Flow Descriptions:

The Central Tank Battery (CTB) is located on the DaVinci 7-18 Federal Com #6H well pad located in Sec. 6, 25S, 27E on Federal Lease NMNM110348 in Eddy County, New Mexico.

Production from each of the referenced wells enters its own individual separator. Each separator has its own coriolis meter for oil, turbine meter for water, and orifice meter for gas.

After separation, each oil stream flows through the heater treater and then to the tanks before being measured by a LACT unit. The Lact unit will serve as the oil FMP.

The gas from each separator flows through its own allocation orifice meter then flows to the gas FMP.

One well will be producing into the test equipment at all times.

Allocation Method:

Oil Production: Oil will be allocated daily to the well based upon the daily Coriolis meter volume. The meter is a Micro Motion Coriolis meter (SN ____). Each well will have a daily factor that is a percentage of the total coriolis volume for all referenced wells. The factor obtained from the test meter will be used to allocate the oil production volumes sold through the LACT.

Gas Production: Gas will be allocated daily to the well based upon the daily allocation gas meter volume. The meter is an orifice meter (SN ____). Each well will have a daily factor that is a percentage of the total allocation meter volume for all referenced wells. The factor obtained from each allocation meter will be used to allocate the gas sales volumes sold through the gas sales meter. The meters will be calibrated on a regulator basis per API, NMOCD, and BLM specifications.

Additional Application Components:

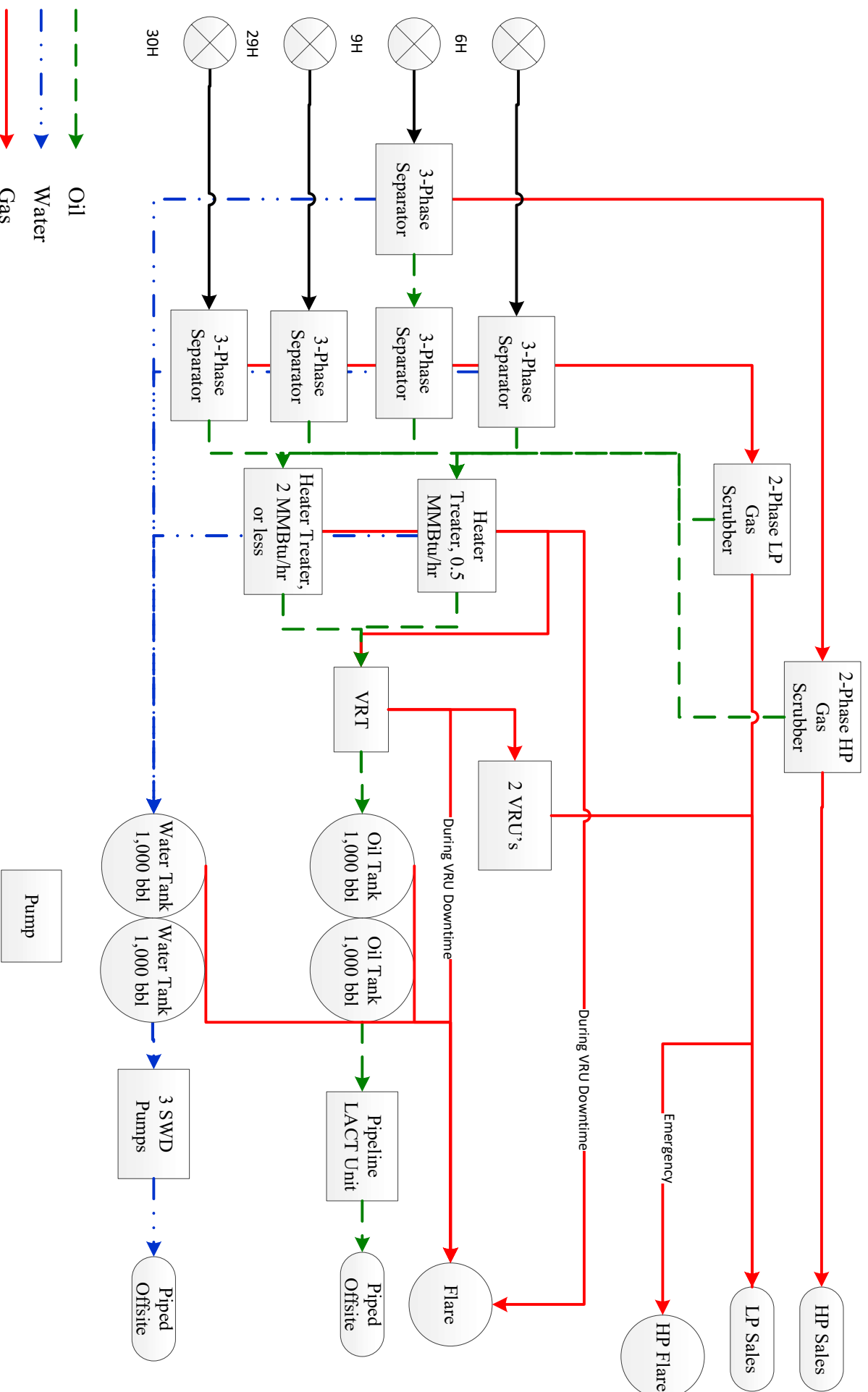
The flow of production details are outlined on the enclosed facility diagram.

Commingling the production is the most effective means of producing the reserves. Cimarex understands the requested approval will not constitute the granting of any right of way or construction rights not granted by the lease instrument.

NMOCD does not require notification for projects with identical ownership.

The BLM and NMOCD will be notified of any changes to the CTB.

PROCESS FLOW DIAGRAM

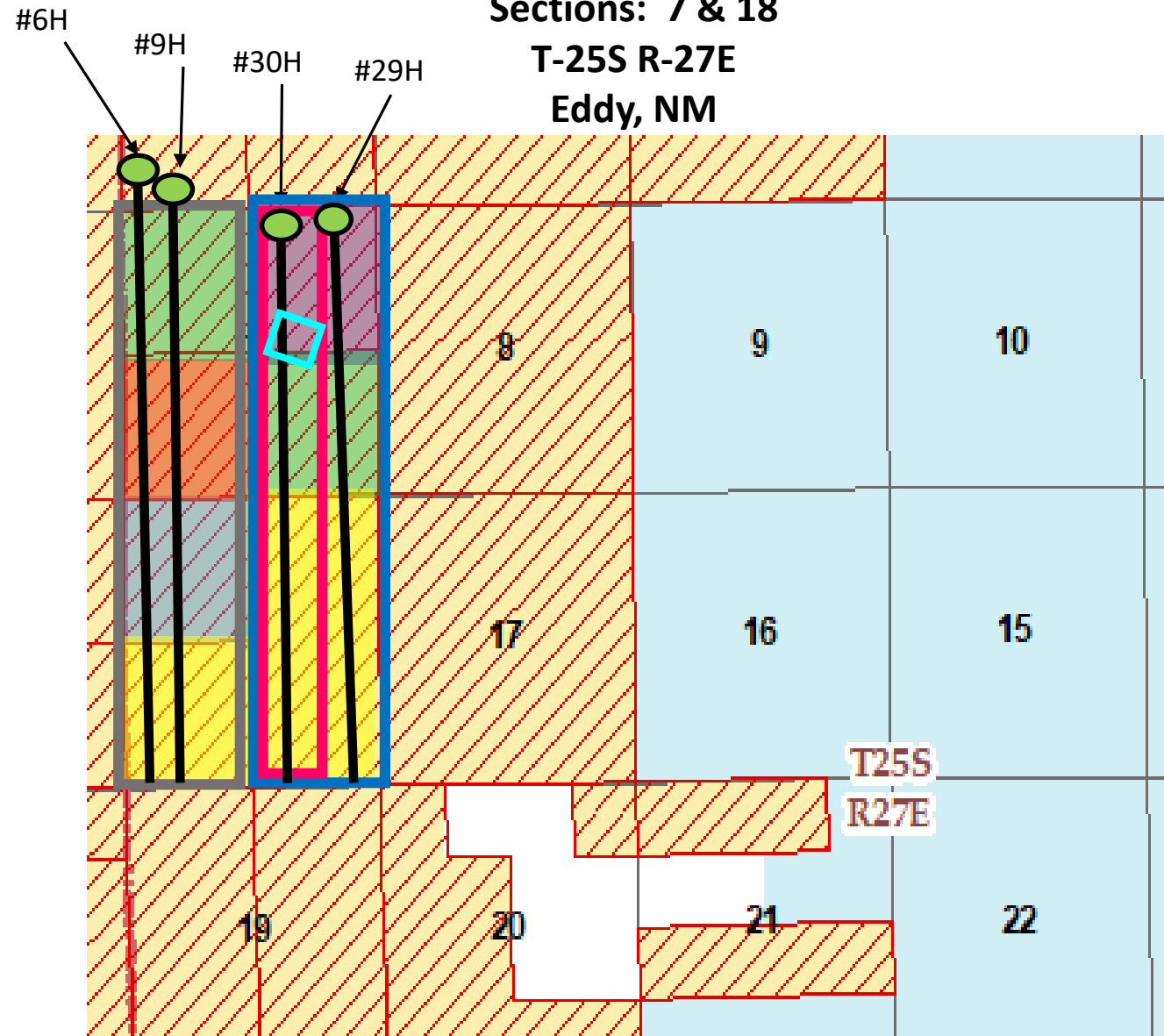











Da Vinci 7-18 Fed 6H, 9H, 29H-30H Facility
Eddy County, NM





DaVinci 7-18 Fed Com
Sections: 7 & 18
T-25S R-27E
Eddy, NM



-  NMNM 100332
478.44 ac
-  NMNM 092167
878.57 ac
-  NMNM 093471
158.91 ac
-  NMNM 111530
478.86 ac
-  NMNM 094842
159.02 ac
-  DaVinci 7-18 Federal Battery
-  COM – NMNM137591
-  Proposed COM
-  Proposed COM



CIMAREX ENERGY COMPANY
600 N. Marienfeld St., Suite 600
Midland, TX 79701

Certified Mail – Return Receipt

March 16, 2020

Re: Surface Commingling Application – Lease Commingling at Central Tank Battery
DaVinci 7-18 Federal Com # 6H, 9H, 29H & 30H

Dear Sir/Madam:

Enclosed please find Cimarex Energy Co.'s application to commingle production at its DaVinci 7-18 Central Tank Battery in Eddy County, NM filed on this date with the New Mexico Oil Conservation Division (NMOCD) and filed on 11/17/2019 with the Bureau of Land Management.

Any objection or requests for a hearing regarding this application must be submitted to the NMOCD Santa Fe office within 20 days of receipt of this application.

Pursuant to Statewide Rule 19.15.12.10 (C)(4)(g) Cimarex request the option to include additional pools and/or leases with the defined parameters set forth in the order for future additions.

Please contact me at 432-620-1933 should have questions.

Sincerely,

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

Fatima Vasquez
Regulatory Analyst
432-620-1933
fvasquez@cimarex.com



DaVinci 7-18 CTB Commingle Service List

OWNER	CERTIFIED TRACKING #
United States of America Bureau of Land Management 1474 Rodeo Rd. Santa Fe, NM 87505	9407110898765056085481
Chevron USA INC Attn: Kristen Hunter 6301 Deauville Blvd. Midland, Texas 79706	9407110898765056085498
Quientesa Royalty, LP C/O Brett Smith 508 West Wall Avenue, Suite 500 Midland, TX 79701	9407110898765056085504
Wing Resources, III LLC 2100 McKinney Ave Ste. 1540 Dallas, Texas 75201	9407110898765056085511
Michael D. Hayes and Kathryn A Hayes Co-Trutees of the Hayes Revocable Trust 3608 Meadowridge Lane Midland, Texas 79707	9407110898765056085528
TLW Investments, LLC 1001 Fannin St., Ste. 2020 Houston, Texas 77002-6715	9407110898765056085535
EOG Resources Inc 5509 Champions Dr Midland, Texas 79706	9407110898765056085542
Oxy Y-1 Company 5 Greenway Plaza, Suite 110 Houston, Texas 77046	9407110898765056085559
Brigham Exploration Company, LLC 5914 Courtyard Dr, Suite 200 Austin, Teas 78730	9407110898765056085566

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 Drazos 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
ARTESIA DISTRICT
OIL CONSERVATION DIVISION
1220 South St. Francis
Santa Fe, NM 87505

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

☒ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44697	² Pool Code 98220	³ Pool Name Purple Sage (Wolfcamp) Gas
⁴ Property Code 317791	⁵ Property Name DA VINCI 7-18 FEDERAL COM	⁶ Well Number 9H
⁷ GRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3279.1'

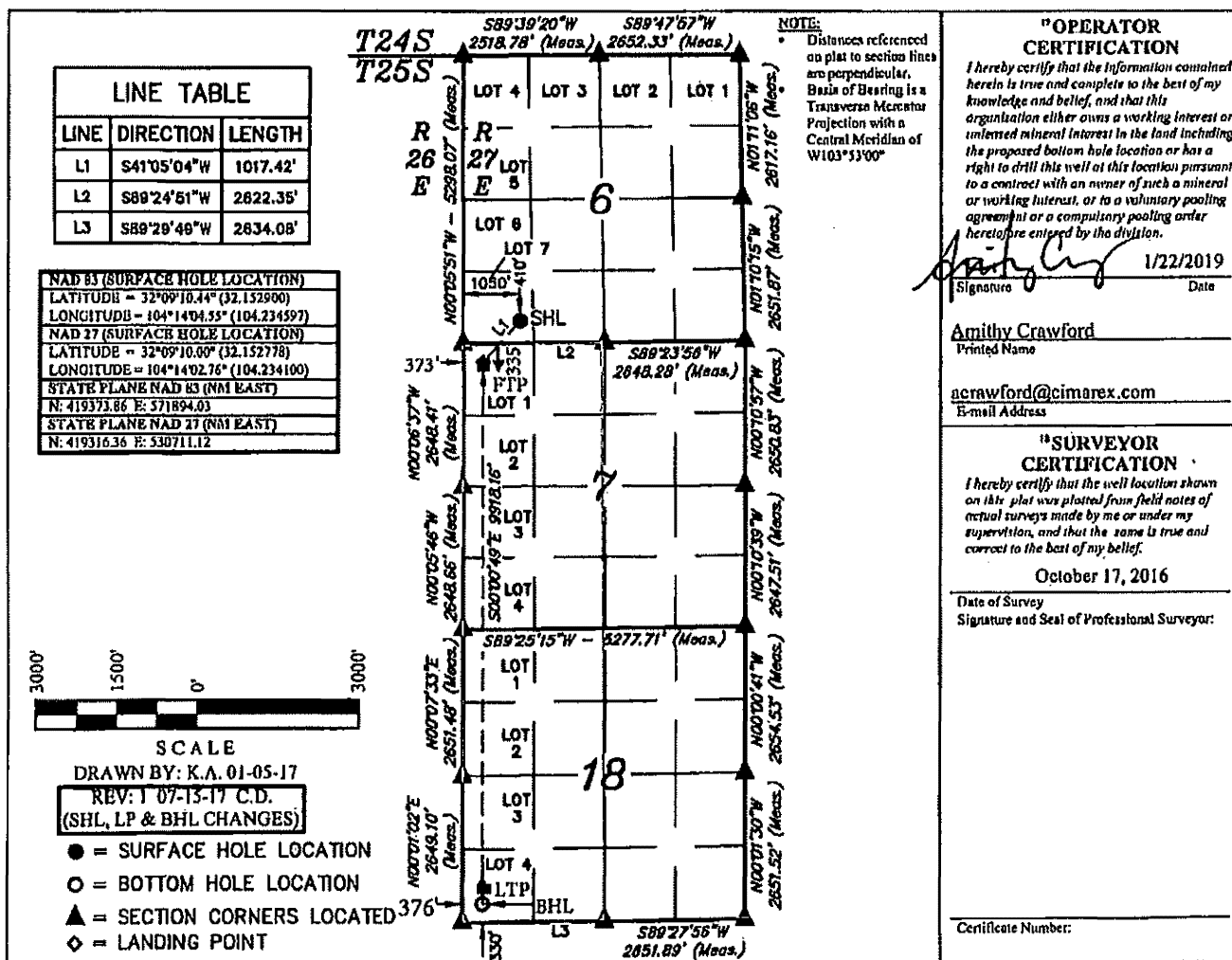
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from lba	North/South line	Feet from the	East/West line	County
LOT 7	6	25S	27E		410	SOUTH	1050	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
LOT 4	18	25S	27E		330	SOUTH	376	WEST	EDDY
¹⁰ Dedicated Acres 635.36	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.



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. FEB 27 2018
Santa Fe, NM 87505

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

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44220	² Pool Code 98220	³ Pool Name Purple Sage Wolfcamp
⁴ Property Code 317791	⁵ Property Name DAVINCI 7-18 FEDERAL COM	⁶ Well Number 6H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3281.3'

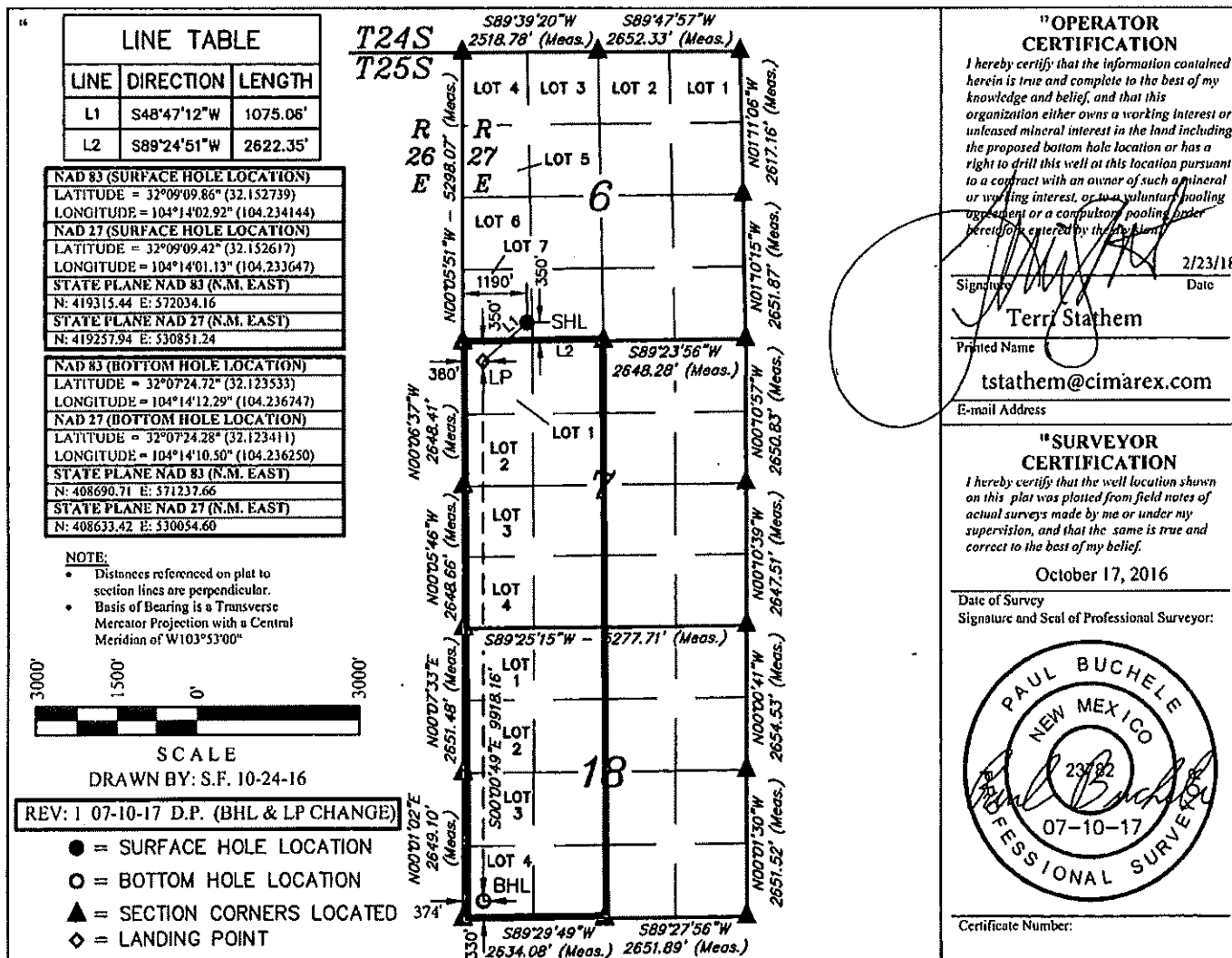
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 7	6	25S	27E		350	SOUTH	1190	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
LOT 4	18	25S	27E		330	SOUTH	374	WEST	EDDY
¹¹ Dedicated Acres 640	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.



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 30015-44790	² Pool Code 97494	³ Pool Name Cottonwood Draw; Bone Spring (O)
⁴ Property Code 317791	⁵ Property Name DAVINCI 7-18 FEDERAL COM	
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁶ Well Number 30H
		⁹ Elevation 3308.4'

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
B	7	25S	27E		390	NORTH	1430	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
O	18	25S	27E		330	SOUTH	1980	EAST	EDDY
¹² Dedicated Acres 320		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.

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"

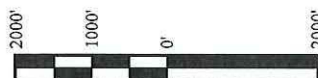
NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°09'02.80" (32.150778°)
LONGITUDE = 104°13'32.07" (104.225575°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°09'02.37" (32.150638°)
LONGITUDE = 104°13'30.28" (104.225078°)
STATE PLANE NAD 83 (N.M. EAST)
N: 418605.38' E: 574686.47'
STATE PLANE NAD 27 (N.M. EAST)
N: 418547.86' E: 533503.49'

NAD 83 (LP/FTP)
LATITUDE = 32°09'02.75" (32.150763°)
LONGITUDE = 104°13'38.47" (104.227352°)
NAD 27 (FIRST TAKE LOCATION)
LATITUDE = 32°09'02.31" (32.150643°)
LONGITUDE = 104°13'36.68" (104.226855°)
STATE PLANE NAD 83 (N.M. EAST)
N: 418599.14' E: 574136.36'
STATE PLANE NAD 27 (N.M. EAST)
N: 418541.63' E: 532953.59'

NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°07'24.98" (32.123604°)
LONGITUDE = 104°13'38.28" (104.227300°)
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°07'24.54" (32.123484°)
LONGITUDE = 104°13'36.49" (104.226804°)
STATE PLANE NAD 83 (N.M. EAST)
N: 408719.43' E: 574162.48'
STATE PLANE NAD 27 (N.M. EAST)
N: 408662.10' E: 532979.35'

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°35'10"W	550.01'
L2	S89°35'10"W	2648.27'

- = SURFACE HOLE LOCATION
- ◆ = LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED



SCALE
DRAWN BY: S.F. 05-29-17

REV: I 10-08-19 L.C.W. (BHL & NAME CHANGES)

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 has voluntarily pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date 10/22/19

Printed Name
Terri Stathem

tstathem@cimarex.com

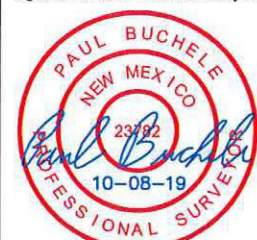
E-mail Address

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.

May 11, 2017

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

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

Pending Approval

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 3001544695	² Pool Code 98220	³ Pool Name Purple Sage Wolfcamp (Gas)
⁴ Property Code 317791	⁵ Property Name DAVINCI 7-18 FEDERAL COM	⁶ Well Number 29H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3308.9'

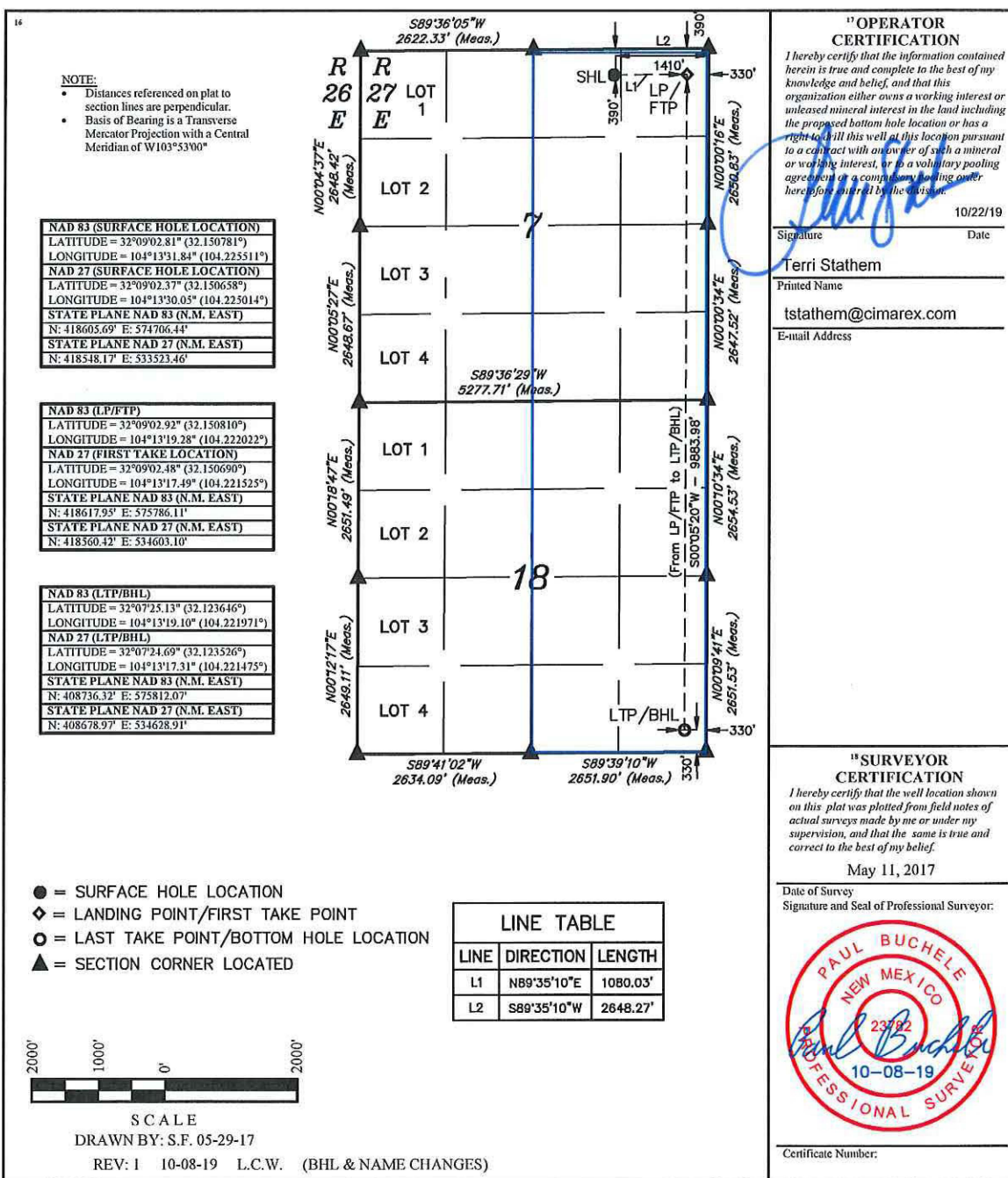
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	7	25S	27E		390	NORTH	1410	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
P	18	25S	27E		330	SOUTH	330	EAST	EDDY
¹² Dedicated Acres 640	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.



Form 3160-5
(June 2015)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.
NMNM92167

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
DAVINCI 7-18 FEDERAL COM 6H9. API Well No.
30-015-4422010. Field and Pool or Exploratory Area
PURPLE SAGE WOLFCAMP GAS11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY COMPANYContact: TERRI STATHEM
E-Mail: tstathem@cimarex.com3a. Address
600 N. MARIENFELD ST, STE 600
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-620-19364. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T25S R27E Mer NMP SWSW 350FSL 1190FWL

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 Commingling
	<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. respectfully requests approval to surface commingle production from the following wells at its DaVinci 7-18 Central Tank Battery:

DaVinci 7-18 Federal Com #6H (30-015-44220) Purple Sage Wolfcamp Gas (98220)
 DaVinci 7-18 Federal Com #9H (30-015-44697) Purple Sage Wolfcamp Gas (98220)
 DaVinci 7-18 Federal Com #29H (30-015-44695) Purple Sage Wolfcamp Gas (98220)
 DaVinci 7-18 Federal Com #30H (30-015-44790) Cottonwood Draw Bone Spring (97494)

Lease #: NMNM100332, NMNM092167, NMNM111530, NMNM093471, NMNM094842
 CA #: NM137591

Please see attached required justification documents.

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

**Electronic Submission #492649 verified by the BLM Well Information System
 For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 11/17/2019

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 #492649 that would not fit on the form

32. Additional remarks, continued

NMOCD approval pending.

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004109597

This is not an invoice

CIMAREX

600 N. MARIENFELD ST., SUITE 6

MIDLAND, TX 79701

I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

03/13/2020

Kathleen Allen
Legal Clerk

Subscribed and sworn before me this March 13, 2020:

Vicky Felty
State of WI, County of Brown
NOTARY PUBLIC

9/19/21
My commission expires

Notice of Application for Surface Commingle

STATE OF NEW MEXICO
ENERGY, MINERAL AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following and notice to the public.

(Note: All land descriptions herein refer to the New Mexico, Principal Meridian whether or not so stated.)

LEASE: DaVinci 7-18 Federal Com

Application of Cimarex Energy Co. for Approval of Surface Commingle, Eddy County, New Mexico.

Application seeks authority to surface commingle production.

Location: Sections 7 & 18, Township 25 South, Range 27 East, Eddy County, New Mexico.

Pool Name: Purple Sage; Wolfcamp (Gas) (98220)

Cottonwood Draw; Bone Spring (Oil) (97494).

Applicant: Cimarex Energy Co., Attn: Fatima Vasquez, 600 N. Marienfeld Street, Suite 600, Midland, Texas 79701.

Interested parties must file objections or requests for hearing in writing with the division's Santa Fe Office within 20 days after this publication, or the division may approve this application.

Carlsbad Current-Arugs, March 13, 2020, #4109597

Ad # 0004109597

PO #: DaVinci 7-18 Federal Com
of Affidavits 1

This is not an invoice

