

RECEIVED: 2/27/20	REVIEWER: DM	TYPE: PC	APP NO: pDM2008659204
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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: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

**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 holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ 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.

 Print or Type Name

 Date

 Phone Number

 Signature

 e-mail Address

Cimarex Energy Co.

202 S. Cheyenne Ave.

Suite 1000

Tulsa, Oklahoma 74103-3001

Phone 918.585.1100

Fax 918.749.8059



02/26/2020

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

Subject: Application to Pool Commingling at Common Central Tank Battery
Crawford 27-26 Fee wells 1H, 2H, 15H, 16H, 29H & 30H
All in Sec. 26 & 27, T-24S, R-26E, Eddy County, NM
Purple Sage; Wolfcamp Gas (98220) & Willow Lake; Bone Spring (96415)

Mr. McClure,

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

These wells are operated by Cimarex Energy Co. with identical ownership.

Also Attached:

- NMOCD Form C-103
- NMOCD Form C-107B
- Summary Detail
- Letter Stating Identical Ownership
- Lease plat shows boundaries
- Facility Diagram
- NMOCD form C-102 well plats for each well

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 that reads "Sharon LaValley". The signature is fluid and cursive, with the first name "Sharon" and last name "LaValley" clearly distinguishable.

Sharon LaValley

Regulatory Supervisor & Lead Eng Tech

918.295.1673

slavalley@cimerex.com

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-44693
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Cimarex Energy Co		6. State Oil & Gas Lease No.
3. Address of Operator 600 N. Marienfeld, Midland, TX 79701		7. Lease Name or Unit Agreement Name Crawford 27-26 Fee
4. Well Location Unit Letter <u>D</u> : <u>762</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>West</u> line Section <u>27</u> Township <u>24S</u> Range <u>26E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 215099
10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: <u>Pool Commingle</u> ☒		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cimarex Energy Co. request approval of a surface pool commingle at the Crawford 27-26 Fee CTB (27-24S-26E) for wells listed below and future wells within the same pools and leases.

Well Name	API	Pool
Crawford 27-26 Fee 1H	30-015-44693	Purple Sage; Wolfcamp (Gas) 98220
Crawford 27-26 Fee 2H	30-015-44694	Purple Sage; Wolfcamp (Gas) 98220
Crawford 27-26 Fee 15H	30-015-46497	Purple Sage; Wolfcamp (Gas) 98220
Crawford 27-26 Fee 16H	30-015-46502	Willow Lake; Bone Spring (Gas) 96415
Crawford 27-26 Fee 29H	30-015-46536	Purple Sage; Wolfcamp (Gas) 98220
Crawford 27-26 Fee 30H	30-015-46537	Purple Sage; Wolfcamp (Gas) 98220

Spud Date:

Rig Release Date:

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

SIGNATURE Sharon LaValley TITLE Regulatory Sup & Lead Eng Tech DATE 2/26/2020

Type or print name Sharon LaValley E-mail address: slavalley@cimarex.com PHONE: 918-295-1673

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

(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.

(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.

Crawford 27-26 Fee 1H 30-015-44693, Crawford 27-26 Fee 2H 30-015-44694, Crawford 27-26 Fee 15H 30-015-46497, Crawford 27-26 Fee 16H 30-015-46502, Crawford 27-26 Fee 29H 30-015-46536, Crawford 27-26 Fee 30H 30-015-46537

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

SIGNATURE: Sharon LaValley TITLE: Regulatory Supervisor & Lead Eng Tech

DATE: 2/26/2020

TYPE OR PRINT NAME Sharon LaValley

TELEPHONE NO.: 918-295-1673

E-MAIL ADDRESS: slavalley@cimarex.com

Application for Surface Commingle**Oil Production & Allocation:**

Production from the Crawford 26-27 Fee wells 15H, 16H, 29H, 30H each flow into their own 3 phase separator at this facility, each separator will be followed by a Coriolis oil meter (one per separator) then commingle in a heater treater prior to being routed to tanks for sales and storage.

Coriolis meter information:

Crawford 26-27 Fee 15H:	XXXXXXXXXP
Crawford 26-27 Fee 16H:	XXXXXXXXXP
Crawford 26-27 Fee 29H:	XXXXXXXXXP
Crawford 26-27 Fee 30H:	XXXXXXXXXP

The Coriolis meters will be used to allocate oil production.

Gas Production & Allocation:

Crawford 26-27 Fee wells 15H, 16H, 29H, 30H each flow into their own 3 phase separator at this facility, each separator will be followed by a Gas Orifice meter (one per separator) prior to being sent to sales. Gas will be commingled then sent to the gas sales meter.

Orifice meter information:

Crawford 26-27 Fee 15H:	XXXXXXXXX
Crawford 26-27 Fee 16H:	XXXXXXXXX
Crawford 26-27 Fee 29H:	XXXXXXXXX
Crawford 26-27 Fee 30H:	XXXXXXXXX

The Orifice meters will be used to allocate gas production.

Commingled gas production flows to the Crawford 26-27 Fee Sales Meter gas sales meter XXXXXX. Gas production will be allocated back to each well based upon the daily metered volume from each separator. Sales will be allocated back to each well based upon the monthly metered volume from each separator and the total sales volume from the Crawford 26-27 Fee Sales Meter sales meter. The allocation meters and gas sales meter will be calibrated on a regular basis per API and NMOCD specifications.

The 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.

Cimarex Energy Co.
600 N. Marientfeld
Suite 600
Midland, Texas 79701
PHONE: 432.571.7800
FAX: 432.571.7832



January 15, 2020

Dean McClure
Petroleum Specialist
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Commingling of Production
Cimarex Energy Co
Crawford 27-26 Fee 1H, 2H, 15H, 16H, 29H & 30H
Sections 26 & 27, Township 24 South, Range 26 East
Eddy County, New Mexico

To Whom It May Concern,

Please be advised that according to our records, and to the best of my knowledge, the wells referenced above have identical working interest, royalty interest and overriding royalty interest ownership. Said identical ownership is limited in depths below 5,500'.

Please call the undersigned with any questions or concerns that you may have.

Respectfully,

A handwritten signature in black ink that reads "Caitlin Pierce". The signature is written in a cursive, flowing style.

Caitlin Pierce
Landman
432.571.7862

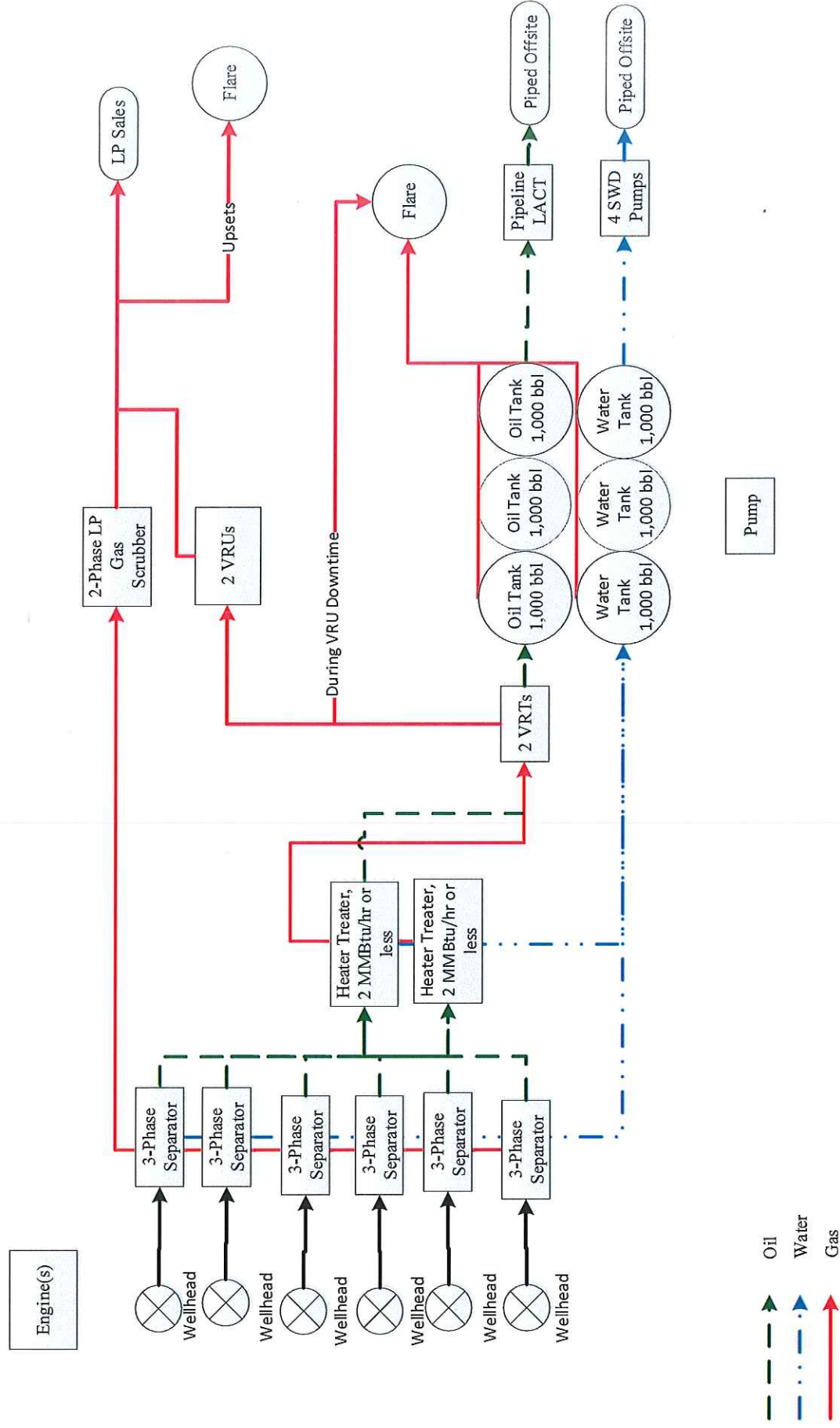
27

Fee - AJ & Minne May Crawford

26

Fee - AJ & Minne May Crawford

PROCESS FLOW DIAGRAM



Crawford 27-26 Fee 1,2,15,16,29,30H
Eddy County, NM



Job No.: LS1801010

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 a copy to appropriate District Office

NOV 01 2018 ☒ AMENDED REPORT

RECEIVED As Drilled

WELL LOCATION AND ACREAGE DEDICATION

1 API Number 30-015-44694		2 Pool Code 98220		3 Pool Name Purple Sage; Wolcamp (Gas)	
4 Property Code 320797		5 Property Name CRAWFORD 27-26 FEE			6 Well Number 2H
7 OGRID NO. 215099		8 Operator Name CIMAREX ENERGY COMPANY			9 Elevation 3349'

10 Surface Location								
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line
D	27	24S	26E		782	NORTH	330	WEST
County 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
A	26	24S	26E		374	NORTH	330	EAST
County EDDY								

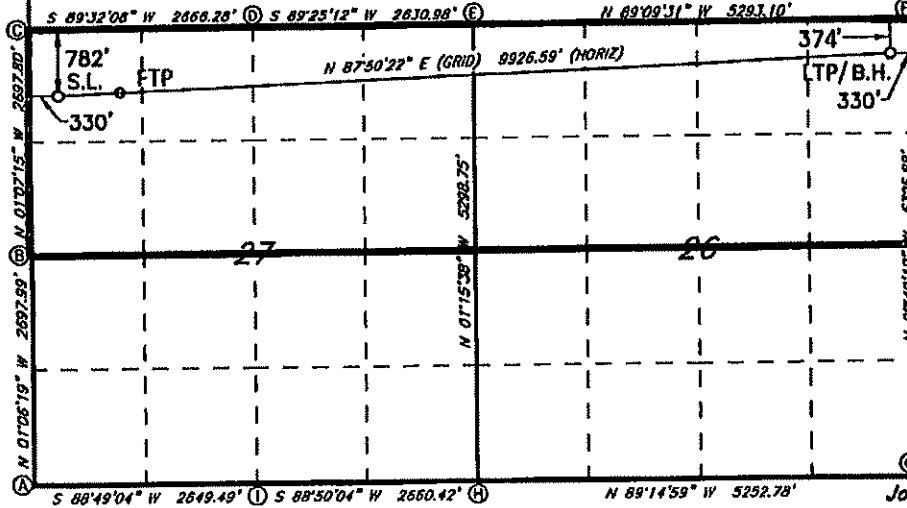
12 Dedicated Acres 640	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16
GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N 434130.2 - E 555219.5
LAT: 32.1934934' N
LONG: 104.2884584' W
BOTTOM HOLE
N 434504.3 - E 565136.6
LAT: 32.1945084' N
LONG: 104.2563962' W
CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND BRASS CAP "1988"
N 429515.4 - E 554978.9
B: FOUND BRASS CAP "1988"
N 432212.2 - E 554926.8
C: FOUND BRASS CAP "1988"
N 434908.8 - E 554874.1
D: FOUND BRASS CAP "1988"
N 434930.4 - E 557539.6
E: FOUND BRASS CAP "1988"
N 434937.1 - E 560169.8
F: FOUND 1/2" REBAR
N 434879.4 - E 563461.0
G: FOUND BRASS CAP "1988"
N 429555.3 - E 565537.4
H: CALCULATED CORNER
N 429624.1 - E 560286.4
I: FOUND BRASS CAP "1988"
N 429570.0 - E 557627.1

FTP - 382' FNL & 791' FWL

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 10/30/18
Fatima Vasquez
Printed Name
fvasquez@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.
01-09-2018
Date of Survey
Signature and Seal of Professional Surveyor
19880
Certificate Number
Job No.: LS1801011

District I
1623 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
511 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1020 Rio Bravos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 331-6170
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

30-015- ¹ API Number	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 320797	⁵ Property Name CRAWFORD 27-26 FEE	⁶ Well Number 15H
⁷ OGRIN No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3331.5'

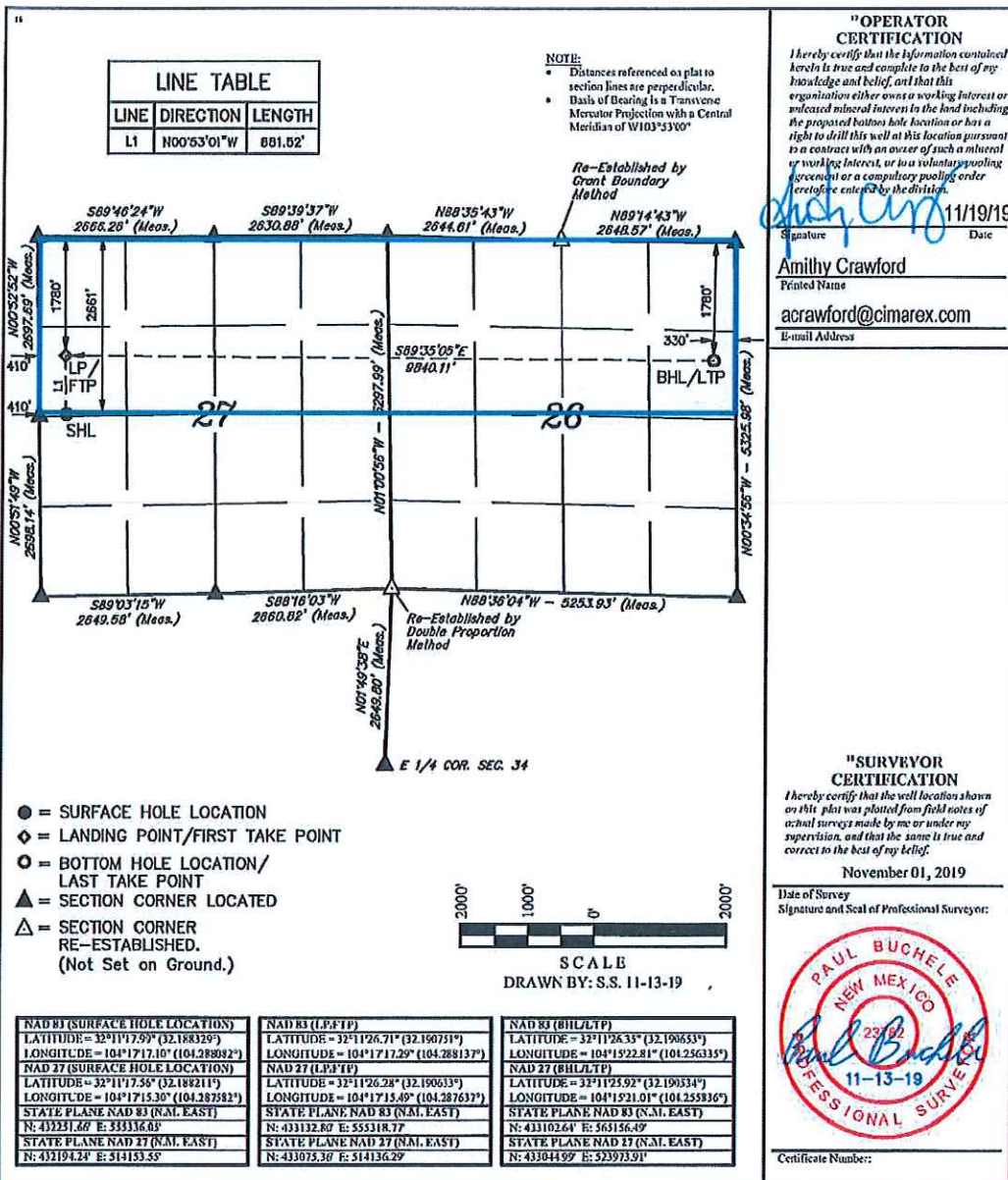
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	24S	26E		2661	NORTH	410	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
H	26	24S	26E		1780	NORTH	330	EAST	EDDY
¹⁰ Duplicated Acres 640	¹¹ Joint or Infill	¹² Contollation 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
611 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Bravo Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505
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Form C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015- ¹ API Number	96415 ² Pool Code	Willow Lake; Bone Spring ³ Pool Name
320797 ⁴ Property Code	CRAWFORD 27-26 FEE ⁵ Property Name	1611 ⁶ Well Number
215099 ⁷ UGRID No.	CIMAREX ENERGY CO. ⁸ Operator Name	3331.1' ⁹ Elevation

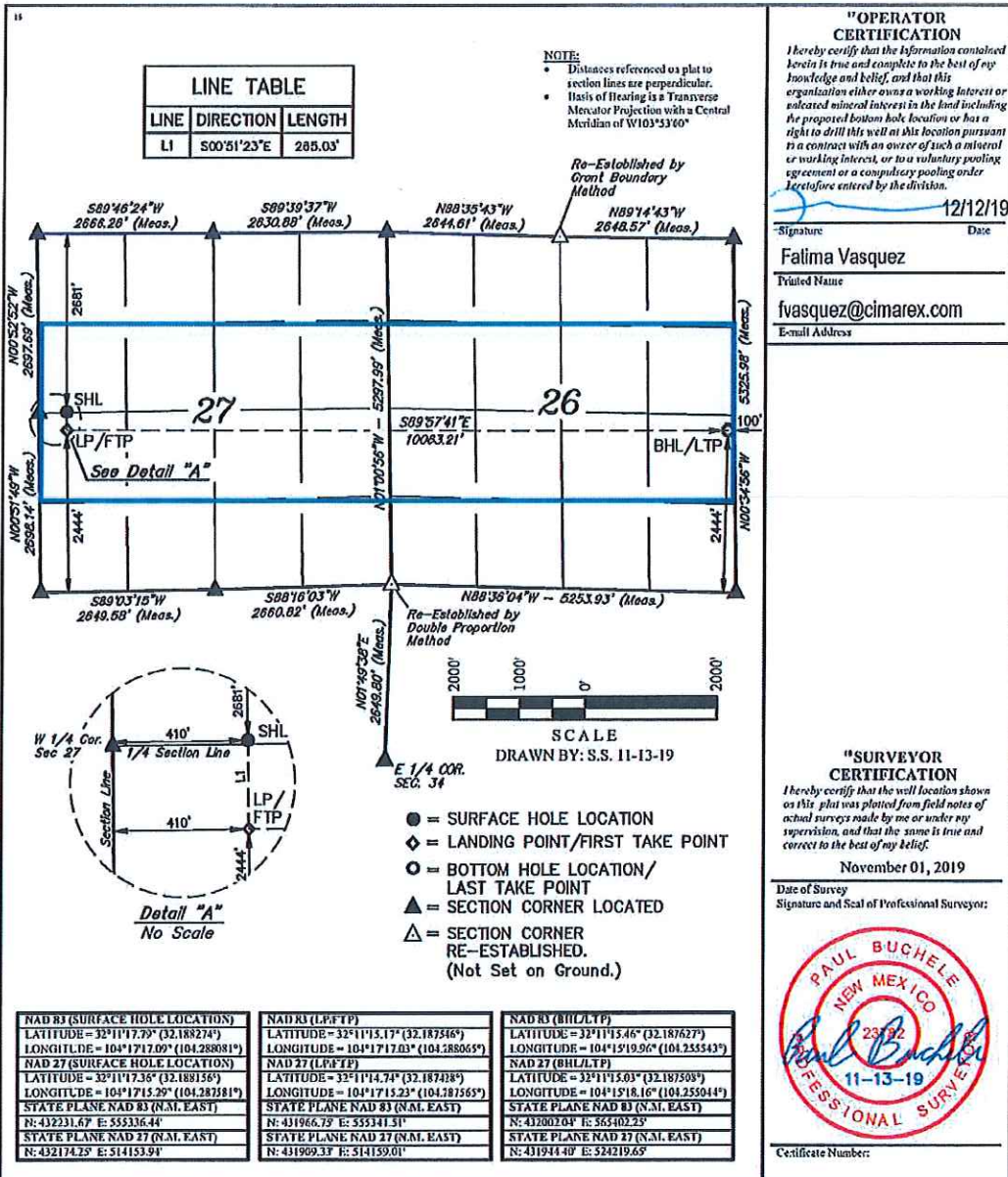
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	24S	26E		2681	NORTH	410	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
I	26	24S	26E		2444	SOUTH	100	EAST	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.



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 APT Number: 30-015-320797
2 Well Code: 320797
3 Property Name: CRAWFORD 27-26 FEE
4 Operator Name: CIMAREX ENERGY CO.
5 Well Number: 30H
6 Elevation: 3341.0'

7 Well Name: Purple Sage; Wolfcamp (Gas)
8 Surface Location: SOUTH
9 East from the: 2155
10 North/South line: SOUTH
11 Feet from the: 915
12 East/West line: EAST
13 County: EDDY

14 Bottom Hole Location If Different From Surface

Section	Range	Township	Section	Range	Township
26	26E	24S	26	26E	24S

15 Joint or Initial: **16** Cancellation Code: **17** Order No.

18 SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me or under my supervision and that it is true and correct to the best of my belief.

19 OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and that I am a duly organized organization either owns a working interest or an undivided 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 interest and that I am duly authorized to make this agreement or a company pooling order heretofore entered by the division.

Date of Survey: November 02, 2019
 Signature and Seal of Professional Surveyor:

20 DISTRICT OFFICE: Santa Fe, NM 87505
21 PHONE: (505) 476-3462
22 FAX: (505) 476-3462