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

VAR 05 2011

Revised August 1, 2011
Submit one copy to appropriate
District Office

RECEIVED ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-15 - 44791	² Pool Code 98220	³ Pool Name Purple Sage Wolfcamp (Gas)
⁴ Property Code 317791	⁵ Property Name DAVINCI 7-18 FEDERAL	
⁷ OGRIN No. 215094	⁸ Operator Name CIMAREX ENERGY CO.	⁶ Well Number 31H ⁹ Elevation 3307.7'

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	1450	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	1702	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.

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°13'32.31" (104.225642)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°09'02.37" (32.150658)	
LONGITUDE = 104°13'30.52" (104.225144)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 418605.19 E: 574666.32	
STATE PLANE NAD 27 (N.M. EAST)	
N: 418547.67 E: 533483.34	

NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°07'25.00" (32.123611)	
LONGITUDE = 104°13'35.05" (104.226403)	
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°07'24.57" (32.123492)	
LONGITUDE = 104°13'33.26" (104.225906)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 408722.28 E: 574440.41	
STATE PLANE NAD 27 (N.M. EAST)	
N: 408664.94 E: 533257.28	

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°35'09"W	251.91'

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

● = SURFACE HOLE LOCATION
○ = BOTTOM HOLE LOCATION
▲ = SECTION CORNER LOCATED
◇ = LANDING POINT

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 made by the division.

Aricka Easterling 7/24/17
Signature Date

Aricka Easterling
Printed Name

aeasterling@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:

RWP 3-6-18

Operator Name: CIMAREX ENERGY COMPANY

Well Name: DAVINCI 7-18 FEDERAL COM

Well Number: 31H

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
PPP Leg #1	264 0	FNL	157 5	FEL	25S	27E	7	Aliquot NWSE	32.14687 5	- 104.2263 75	EDD Y	NEW MEXI CO	NEW MEXI CO	F	NMNM 92167	- 549 2	100 00	880 0
EXIT Leg #1	330	FSL	170 2	FEL	25S	27E	18	Aliquot SWSE	32.12361 1	- 104.2264 03	EDD Y	NEW MEXI CO	NEW MEXI CO	F	NMNM 111530	- 553 0	184 63	883 8
BHL Leg #1	330	FSL	170 2	FEL	25S	27E	18	Aliquot SWSE	32.12361 1	- 104.2264 03	EDD Y	NEW MEXI CO	NEW MEXI CO	F	NMNM 111530	- 553 0	184 63	883 8