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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

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NOV 06 2018

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

☐ AMENDED REPORT

DISTRICT II-ARTESIA O.C.D.

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015 - 45436	² Pool Code 98018	³ Pool Name WC-015 G-04 S262728A; B.S.
⁴ Property Code 40432	⁵ Property Name CABRERA 34 FEDERAL	⁶ Well Number #1H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3233.3'

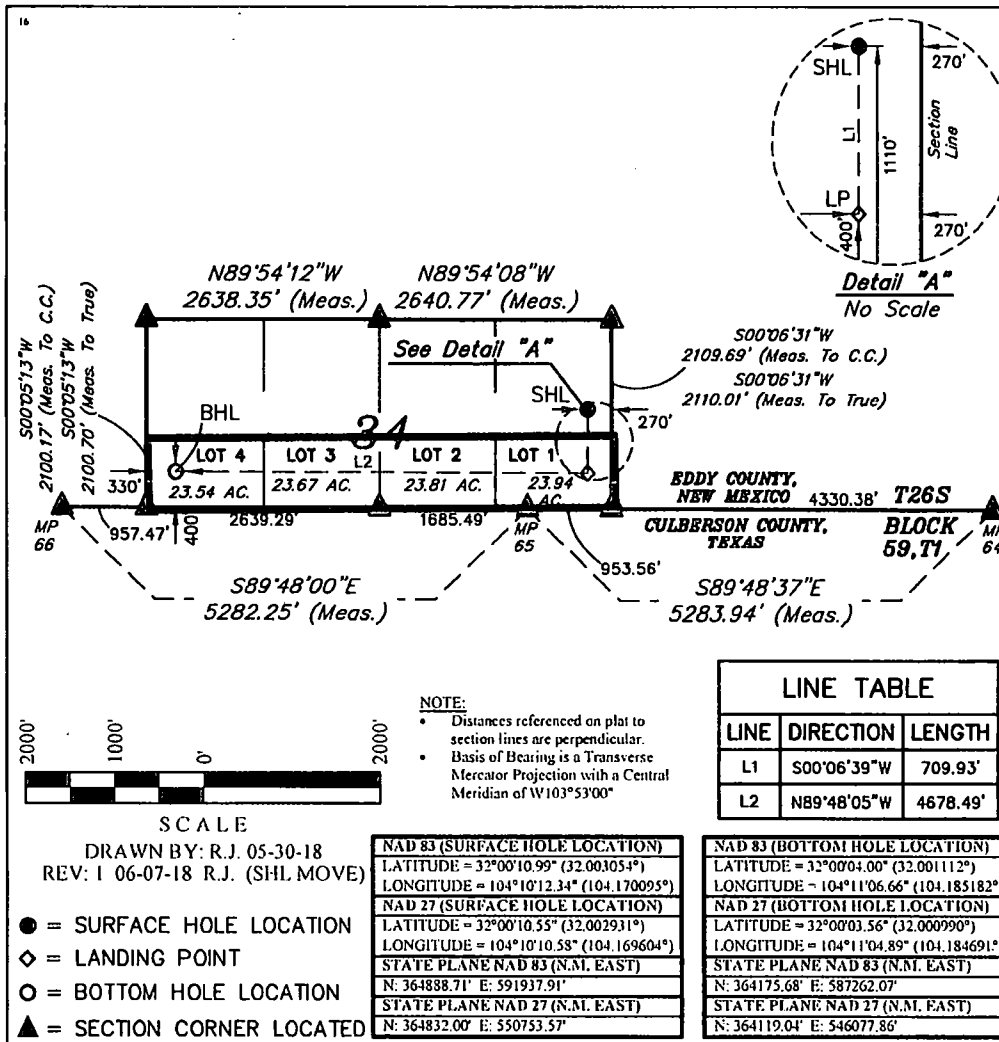
"Surface Location

UL or lot no. A	Section 34	Township 26S	Range 27E	Lot Idn 1	Feet from the 1110	North/South line SOUTH	Feet from the 270	East/West line EAST	County EDDY
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"Bottom Hole Location If Different From Surface

UL or lot no. 4	Section 34	Township 26S	Range 27E	Lot Idn 1	Feet from the 400	North/South line SOUTH	Feet from the 330	East/West line WEST	County EDDY
¹² Dedicated Acres 94.96	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.



"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 therefor, filed with the division.

Signature: Aricka Easterling
Date: 6/12/18

Aricka Easterling

Printed Name

aeasterling@cimarex.com

E-mail 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.

June 6, 2018

Date of Survey

Signature and Seal of Professional Surveyor



Certificate Number:

RW 11-13-18



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

10/24/2018

APD ID: 10400031251

Submission Date: 06/21/2018

Operator Name: CIMAREX ENERGY COMPANY

Well Name: CABRERA 34 FEDERAL

Well Number: 1H

Well Type: OIL WELL

Well Work Type: Drill

Highlighted data
reflects the most
recent changes

[Show Final Text](#)

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	RUSTLER	3306	0	0		USEABLE WATER	No
2	SALADO	1707	1599	1599		NONE	No
3	CASTILE	1229	2077	2077		NONE	No
4	BELL CANYON	1055	2251	2251		NATURAL GAS,OIL	No
5	CHERRY CANYON	48	3258	3258		NATURAL GAS,OIL	No
6	BRUSHY CANYON	-1120	4426	4426		NATURAL GAS,OIL	No
7	BONE SPRING	-2608	5914	5914		NATURAL GAS,OIL	No
8	BONE SPRING 1ST	-3545	6851	6851		NATURAL GAS,OIL	No
9	BONE SPRING 2ND	-4018	7324	7324		NATURAL GAS,OIL	Yes
10	BONE SPRING 3RD	-4479	7785	7785		NATURAL GAS,OIL	No

Section 2 - Blowout Prevention

Pressure Rating (PSI): 2M

Rating Depth: 12212

Equipment: A BOP consisting of three rams, including one blind ram and two pipe rams and one annular preventer. An accumulator that meets the requirements in Onshore Order #2 for the pressure rating of the BOP stack. A rotating head may be installed as needed. A Kelly clock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

Requesting Variance? YES

Variance request: Co-flex line between the BOP and choke manifold. Certification for proposed co-flex hose is attached. The hose is not required by the manufacturer to be anchored. In the event the specific hose is not available, one of equal or higher rating will be used. Variance to include Hammer Union connections on lines downstream of the buffer tank only.

Testing Procedure: A multi-bowl wellhead system will be utilized. After running the 13-3/8" surface casing, a 13 5/8" BOP/BOPE system with a minimum working pressure of 3000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 3000 psi test. Annular will be tested to 50% of working pressure. The pressure test will be repeated at least every 30 days, as per Onshore Order No. 2. The multi-bowl wellhead will be installed by vendor's representative. A copy of the installation instructions has been sent to the BLM field office. The wellhead will be