

District I
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District IV
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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

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015- 45774	² Pool Code 37920	³ Pool Name LEO; BONE SPRING, S.
⁴ Property Code 316024	⁵ Property Name SALT FORK 3 4 FEDERAL COM	⁶ Well Number 102H
⁷ OGRID NO. 873	⁸ Operator Name APACHE CORPORATION	⁹ Elevation 3410'

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
K	3	19S	30E		2205	SOUTH	2284	WEST	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
M	4	19S	30E		610	SOUTH	50	WEST	EDDY

¹² Dedicated Acres 240	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.

<p>16</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION N 614297.1 - E 655895.6 LAT: 32.6881936° N LONG: 103.9609698° W</p> <p>KICK OFF POINT (K.O.P.) N 613912.2 - E 655827.7 MD: 7139.0 TVD: 7119.1 LAT: 32.6871363° N LONG: 103.9611948° W</p> <p>PROPOSED PENETRATION POINT (P.P.P.) N 613764.4 - E 655737.3 MD: 7543.5 TVD: 7476.0 LAT: 32.6867311° N LONG: 103.9614905° W</p> <p>LAST TAKE POINT (L.T.P.) N 612681.3 - E 648438.3 MD: 15292.1 TVD: 7573.3 LAT: 32.6838220° N LONG: 103.952252° W</p>	<p>BOTTOM HOLE N 612681.3 - E 648388.6 MD: 15342.1 TVD: 7572.9 LAT: 32.6838224° N LONG: 103.9853877° W</p> <p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP (BROKEN) N 612071.1 - E 648340.5</p> <p>B: FOUND BRASS CAP (BROKEN) N 614709.7 - E 648332.3</p> <p>C: FOUND BRASS CAP "1916" N 617367.7 - E 648325.2</p> <p>D: FOUND BRASS CAP "1916" N 617372.6 - E 650962.1</p> <p>E: FOUND BRASS CAP "1916" N 617377.4 - E 653602.9</p> <p>F: FOUND BRASS CAP "1916" N 617382.6 - E 656242.3</p>	<p>G: FOUND BRASS CAP "1916" N 617388.5 - E 658881.0</p> <p>H: FOUND BRASS CAP "1916" N 614738.2 - E 658890.3</p> <p>I: FOUND BRASS CAP "1916" N 612099.6 - E 658899.1</p> <p>J: FOUND BRASS CAP "1916" N 612093.6 - E 656258.5</p> <p>K: FOUND BRASS CAP "1916" N 612087.5 - E 653618.7</p> <p>L: FOUND BRASS CAP (BROKEN) N 612081.5 - E 650977.6</p> <p>M: FOUND BRASS CAP "1916" N 614727.4 - E 653610.7</p> <p>CALCULATED POINTS 1: N 613390.4 - E 648336.4 2: N 613407.4 - E 653614.7 3: N 613413.2 - E 656254.5</p>	<p>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.</p> <p>Sorina L. Flores 5/21/2018</p> <p>Signature SORINA L. FLORES Date</p> <p>Printed Name sorina.flores@apachecorp.com</p> <p>E-mail Address</p>	<p>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.</p> <p>03-08-2018</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>10034</p> <p>Certificate Number</p> <p>10034</p> <p>REV 5/18/18: ADD PPP & MD/TVD</p>
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Job No.: LS1803340DP

RWP. 3-7-19

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1220 South St. Francis Dr.
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Submit Original
to Appropriate
District Office
NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 07 2019

GAS CAPTURE PLAN

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☒ Original Operator: Apache Corporation OGRID No: 873

Date: 5/16/2018

☐ Amended

Date: _____

Reason for Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Note: A C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule 19.15.18.12.A

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
Salt Fork 3-4 Federal Com 101H		Sec 3 T19S R30E	2255' FSL & 2277' FWL	1300	Flared	Flared only in emergency
Salt Fork 3-4 Federal Com 102H	<u>30-015-45774</u>	Sec 3 T19S R31E	2205' FSL & 2284' FWL	1300	Flared	Flared only in emergency
Salt Fork 3-4 Federal Com 301H		Sec 3 T19S R31E	2280' FSL & 2274' FWL	600	Flared	Flared only in emergency
Salt Fork 3-4 Federal Com 302H		Sec 3 T19S R31E	2230' FSL & 2280' FWL	600	Flared	Flared only in emergency

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to **SUMMIT ENERGY, LLC** and will be connected to **SUMMIT'S LOW** pressure gathering system located in **EDDY** County, New Mexico. It will require 0 ft of pipeline to connect the facility to **LOW** pressure gathering system. Apache Corporation provides (periodically) to **SUMMIT ENERGY, LLC** a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, Apache Corporation and **SUMMIT ENERGY, LLC** have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at **SUMMIT'S LANE** Processing Plant located in **Sec. 26, Twp 20S, Rng 31E, EDDY County**, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on **SUMMIT ENERGY, LLC** system at that time. Based on current information, it is Apache Corporation's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines