

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-30523	² Pool Code	³ Pool Name Brushy Canyon Delaware
⁴ Property Code	⁵ Property Name Lusk Deep Unit A	⁶ Well Number 001 19
⁷ OGRID No. 162683	⁸ Operator Name Cimarex Energy Co. of Colorado	⁹ Elevation 3588.9' GR

¹⁰ Surface Location

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	19S	32E		330	North	1656	East	Lea

¹¹ Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
40			

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.

<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> Lusk Deep Unit A #1 330 FNL & 1656 FEL LC-065710-A </div>	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 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 or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Zeno Farris</u> 8/13/2010 Signature Date Zeno Farris Printed Name
	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. Date of Survey Signature and Seal of Professional Surveyor
	Certificate Number

RECOMPLETE TO CHERRY CANYON

LUSK WEST DELAWARE UNIT #2 (AKA LUSK DEEP UNIT A #19)

TD/PBTD: 7220/7200
GL/KB: 3588/3598
SURFACE: 17.5" HOLE, 13-3/8" 54.4# @ 870', CMT W 1000 SXS TO SURF
INTERMED: 12-1/4" HOLE, 8-5/8 24# @ 4500' (DV @ 2622)
1ST STAGE 700 SXS C/H, NO RETURNS, OPEN TOOL
2ND STAGE 1150 SXS C/H, TOC 2310, SPOT 530 SXS FR SURF, TOC AT SURF
PRODUCTION: 7-7/8" HOLE, 5 1/2" 15.5# J55 @ 7220' CMT W 900 SXS C, TOC 1630'
TUBING: 2-7/8" BPMA, 4' PERF SUB, SN, 5JTS 2-7/8", TAC, 204 JTS 2-7/8", 4' SS SUB,
RODS: 2 1/2" X 1 1/2" X 20' RHBC PUMP, W/ 16' GA, 8 – 1 1/2" KBARS, 117 3/4", 71 7/8", 64 1", 4' 1"
PERFS: 6468-6481' 4 SPF
TREATMENT: 1300 GAL 7 1/2% NEFE HCL, FRAC W 17000GAL GEL AND 60,000# 20/40

- 1 TEST TUBING PRIOR TO RIG-UP, CHECK ALL OCD DOCUMENTATION/APPROVAL IS SET UP.
- 2 MIRU RIG, POOH WITH RODS/PUMP, ND WH – NU 3K BOP, POOH TUBING.
- 3 MIRU WIRELINE, LOAD HOLE IF NEEDED. MAKE GR/JB RUN TO 6400', POOH. RIW W/ CIBP AND SET AT 6400', DUMP 35' CMT ON PLUG.
- 4 PERFORATE CHERRY CANYON WITH 3SPF, NORMAL CHARGES, 3-1/8" GUNS
 - 5136-40, 5145-62, 5162-76' (35 NET FEET, 105 HOLES)
 - 4942-56, 4986-97, 5002-09' (32 NET FEET, 96 HOLES)CORRELATED TO LOG TBD
- 5 MU TREATING PACKER ON 2 7/8", SET AT 4900', LOAD BACKSIDE TO TEST PKR AND HOLD 500#
- 6 ACIDIZE W 2500GAL 7 1/2% NEFE HCL, WITH 300 BALL DIVERTERS, NOTE ANY BALL ACTION AND ADJUST DIVERSION AS NEEDED.
- 7 SWAB WELL DOWN TO SN, NOTE ANY FLUID ENTRY. POOH, LD WORKSTRING. DELIVER AND TALLY FRAC STRING, PU AND RIW WITH FRAC STRING AND PKR TO 4900', LOAD BACKSIDE AND HANG OFF IN TREE SAVER.
- 8 SCHEDULE AND PUMP FRAC PER FRAC DESING, FLOWBACK AND PUT WELL ON PUMP WHEN APPROPRIATE.

TEMPORARILY ABANDON

**LUSK WEST DELAWARE UNIT #2
(AKA LUSK DEEP UNIT A #19)**

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PERFS: 6468-6481' 4 SPF
TREATMENT: 1300 GAL 7 1/2% NEFE HCL, FRAC W 17000GAL GEL AND 60,000# 20/40

- 1 CHECK ALL OCD DOCUMENTATION/APPROVAL IS SET UP.
- 2 MIRU RIG, POOH WITH RODS/PUMP, ND WH – NU 3K BOP, POOH TUBING.
- 3 LOAD HOLE IF NEEDED. RIW W/ CIBP ON TUBING AND SET AT 6400', POOH. DUMP 35' CMT ON PLUG WITH SANDLINE. PRESSURE HOLE TO 1000# OR OCD REQUIREMENT, SCHEDULE APPROVAL FOR TA.
- 4 RIW W/ PRODUCTION TUBING AND HANG OFF WITH EOT 6300'.

Cimarex Energy Co. of Colorado
NMLC065710A
LUSK A #19
API: 30-025-30523
Lea County, New Mexico

RE: Plug back and Recomplete NOI and Name Change – Conditions of Approval
Subject to like approval of State of New Mexico

There is to be no surface disturbance beyond the originally approved pad.

A closed loop system is to be used.

H2S had been reported in the area.

H2S monitoring and protection equipment is to be on site.

3M BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.

Reminder: Before and after wellbore schematics should be submitted with plug back sundries.

Submit subsequent report with current wellbore schematic and completion report once work is completed.

Well production to be reported to lease NMLC065710A well to be named LUSK A #19

EGF 090210