

HOBBS OCD

JUL 10 2015

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

RECEIVED

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

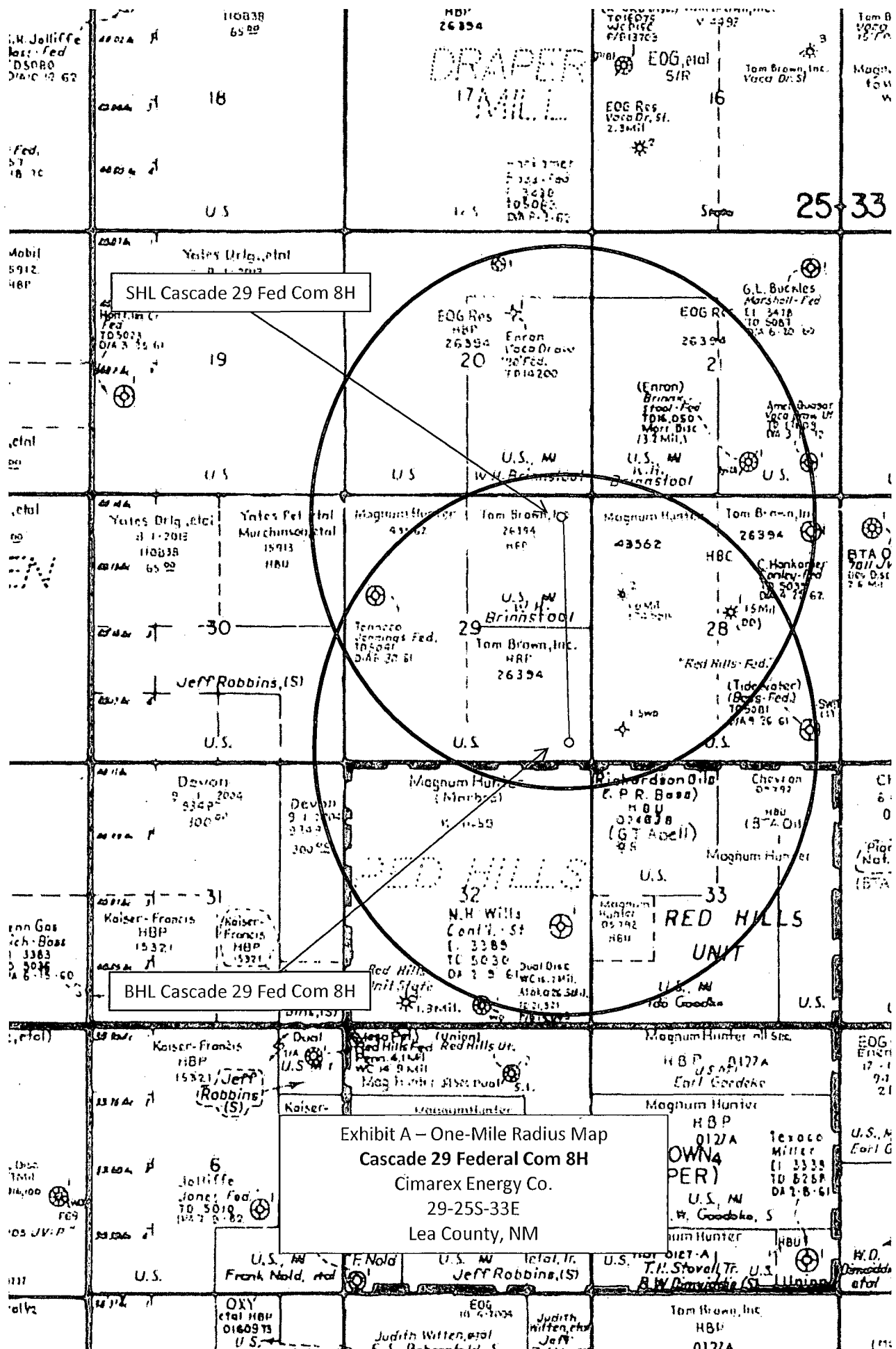
¹ API Number 30-025-42683		² Pool Code 97994		³ Pool Name WC-025 G-06 5253329; UPPER BS	
⁴ Property Code 39981		⁵ Property Name CASCADE 29 FEDERAL COM			
⁷ GRID NO. 215099		⁸ Operator Name CIMAREX ENERGY COMPANY			
		⁹ Well Number BH			
		⁹ Elevation 3396'			
¹⁰ Surface Location					
UL or lot no. A	Section 29	Township 25S	Range 33E	Lot Idn	Feet from the 330
				North/South line NORTH	Feet from the 585
				East/West line EAST	County LEA
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. P	Section 29	Township 25S	Range 33E	Lot Idn	Feet from the 330
				North/South line SOUTH	Feet from the 350
				East/West line EAST	County LEA
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code	
				¹⁵ Order No.	

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.

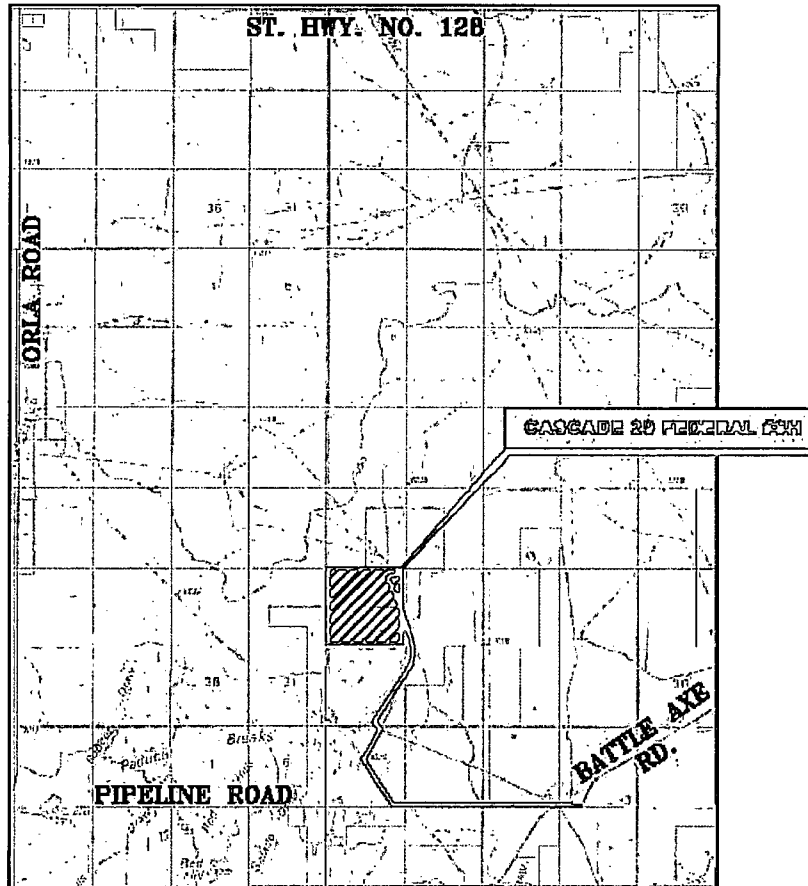
¹⁶ (C) GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N 403795.2 - E 772219.2 LAT: 32.10791689° N LONG: 103.58765940° W BOTTOM LOCATION N 399176.4 - E 772504.0 LAT: 32.09521576° N LONG: 103.58684306° W CORNER DATA NAD 83 GRID - NM EAST (B) 29 A: FOUND BRASS CAP "1913" N 398816.9 - E 767547.6 B: FOUND BRASS CAP "1913" N 401456.9 - E 767530.5 C: FOUND BRASS CAP "1913" N 404095.6 - E 767514.0 D: FOUND BRASS CAP "1913" N 404114.6 - E 770157.9 E: FOUND BRASS CAP "1913" N 404128.1 - E 772802.0 F: FOUND BRASS CAP "1913" N 401487.6 - E 772819.0 G: FOUND BRASS CAP "1913" N 398848.3 - E 772836.1 H: FOUND BRASS CAP "1913" N 398833.2 - E 770190.9 (A)		(E) 330' S.L. 585' S 0331.41° E (GRID) 4628.41' (HORIZ.) (F) 350' B.H. 350' (C)	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. <i>Aricka Easterling</i> 11/11/14 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. 10/7/14 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR
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RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS140441

JUL 13 2015



**CIMAREX ENERGY COMPANY
GENERAL HIGHWAY MAP
CASCADE 29 FEDERAL Com #8H
(330' FNL & 585' FEL)
SECTION 29, T25S, R33E
N. M. P. M., LEA CO., NEW MEXICO**



Jal, N.M. is approx.
25 miles East of
the location

Firm No.: TX 10193938 - NM 4835451

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NO.	REVISION	DATE
JOB NO.: LS140441		
DWG. NO.: 140441CHM		

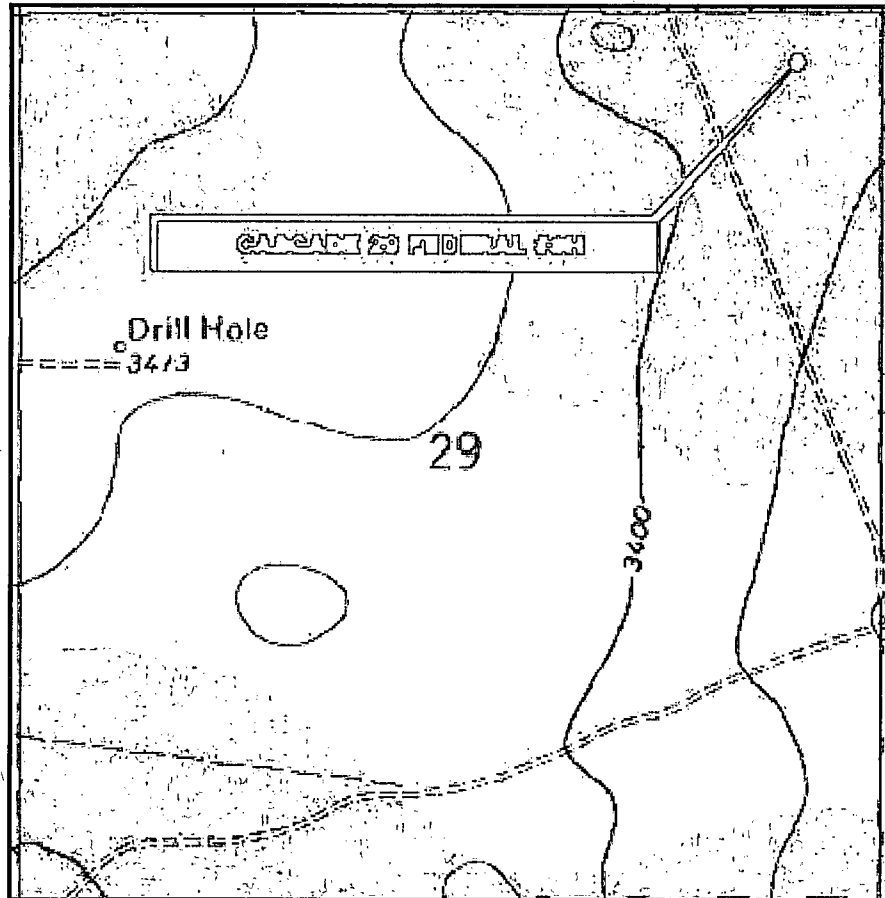
RRC

300 W. BROADWAY ST., DRESS, NM 88240 (505) 664-8200

SCALE: N.T.S.
DATE: 10-7-2014
SURVEYED BY: IE/DH
DRAWN BY: LNY
APPROVED BY: RMH
SHEET : 1 OF 1

Exhibit B

LOCATION VERIFICATION MAP



**SECTION 29, TWP. 25 SOUTH, RGE. 33 EAST,
N. M. P. M., LEA CO., NEW MEXICO**

OPERATOR: Climorex Energy Company
LEASE: Cascade 29 Federal Com
WELL NO.: 8H
ELEVATION: 3396'

LOCATION: 330' FNL & 585' FEL
CONTOUR INTERVAL: 10'
USGS TOPO. SOURCE MAP:
Paduca Breaks East, NM (1973)

Firm No.: TK 10192828 JNY 4655451

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NO.	REVISION	DATE

RRC

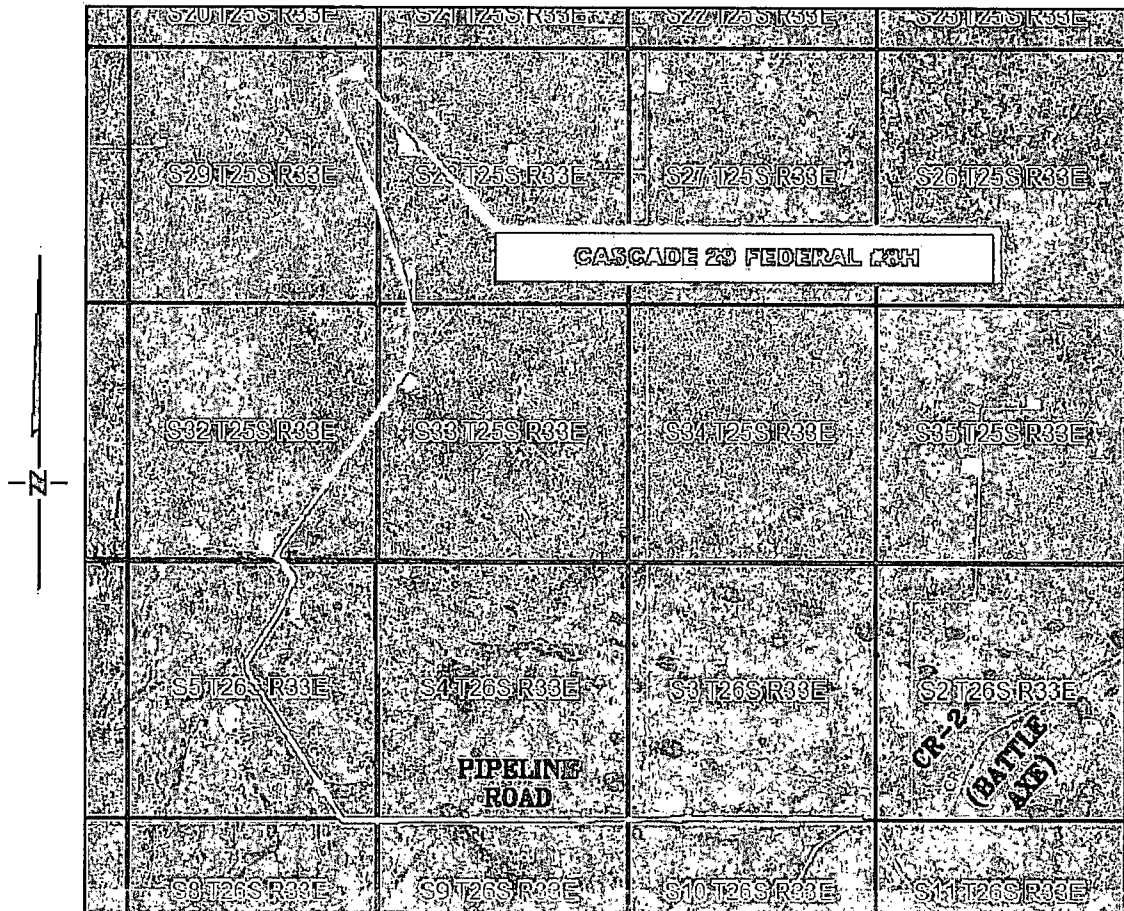
260 W. BROADWAY ST., HOUSTON, TX 77002 (579) 284-2820

SCALE: 1"=1000'
DATE: 10-7-2014
SURVEYED BY: IE/DH
DRAWN BY: LNY
APPROVED BY: RSM
SHEET: 1 OF 1

Exhibit C

VICINITY MAP

NOT TO SCALE



SECTION 29, TWP. 25 SOUTH, RGE. 33 EAST,
N. M. P. M., LEA CO., NEW MEXICO

OPERATOR: Cimarex Energy company
LEASE: Cascade 29 Federal Com
WELL NO.: 8H

LOCATION: 330' FNL & 585' FEL
ELEVATION: 3396'

Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE

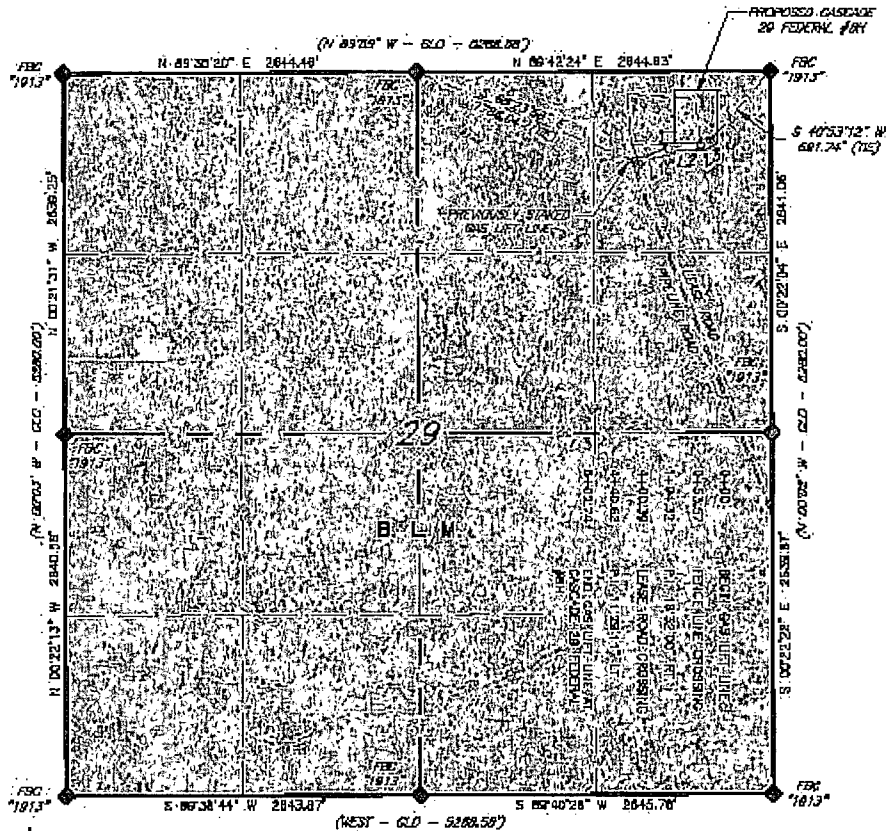
RRC

306 W. BROADWAY ST., HOBBS, NM 88240 (505) 964-8200

SCALE: NTS
DATE: 10-7-2014
SURVEYED BY: IE/DH
DRAWN BY: LNY
APPROVED BY: RMH
SHEET : 1 OF 1

Exhibit C-1

CIMAREX ENERGY COMPANY
PROPOSED GAS LIFT LINE FOR THE CASCADE 29 FEDERAL Com #8H
SECTION 29, T25S, R39E
N. M. P. M., LEA CO., NEW MEXICO



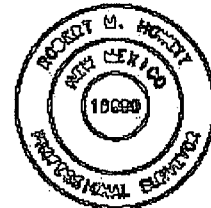
LINE TABLE		
LINE	BEARING	LENGTH
L1	N 86°31'52" E	184.32'
L2	N 83°03'52" E	246.30'
L3	N 71°34'42" E	82.12'

SCALE: 1"=1000'

RECORD DATA - GLO
 FOUND MONUMENT
 AS NOTED
 PROPOSED GAS LIFT
 OVERHEAD UTILITIES
 EXISTING GFL

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
 Robert M. Howett NM PS 18680



FROM NO. 10 107830101 (N.M. RECORDS)

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NO.	REVISION	DATE
1		
JOB NO.:	LE140441	
DWG. NO.:	140441GAS1	

RRC

288 W. BROADWAY ST., HOUSTON, TX 77002 (979) 954-0300

SCALE:	1"=1000'
DATE:	10-7-2014
SURVEYED BY:	E/DH
DRAWN BY:	LNY
APPROVED BY:	RMH
SHEET:	1 OF 2

Exhibit G

CIMAREX ENERGY COMPANY
PROPOSED GAS LIFT FOR THE CASCADE 29 FEDERAL Com #8H
SECTION 29 T25S, R32E
N. M. P. M., LEA CO., NEW MEXICO

DESCRIPTION

A strip of land 30 feet wide, being 502.74 feet or 30.469 rods in length, lying in Section 29, Township 25 South, Range 33 East, N. M. P. M., Lea County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point which bears S 68°23'55" E, 1,786.04 feet from a brass cap, stamped "1913", found for the North quarter corner of Section 29;

Thence N 66°31'52" E, 194.32 feet to Engr. Sta. 1+94.32, a P. I. of 16°32'00" right;

Thence N 83°03'52" E, 246.30 feet to Engr. Sta. 4+40.62, a P. I. of 11°29'11" left;

Thence N 71°34'42" E, 62.12 feet to Engr. Sta. 5+02.74, the End of Survey, a point which bears S 40°53'12" W, 691.74 feet from a brass cap, stamped "1913", found for the Northeast corner of Section 29.

Said strip of land contains 0.346 acres, more or less, and is allocated by forties as follows::

NE 1/4 NE 1/4 0.346 Ac.

Firm No.: TX 10193838 NM 4655451

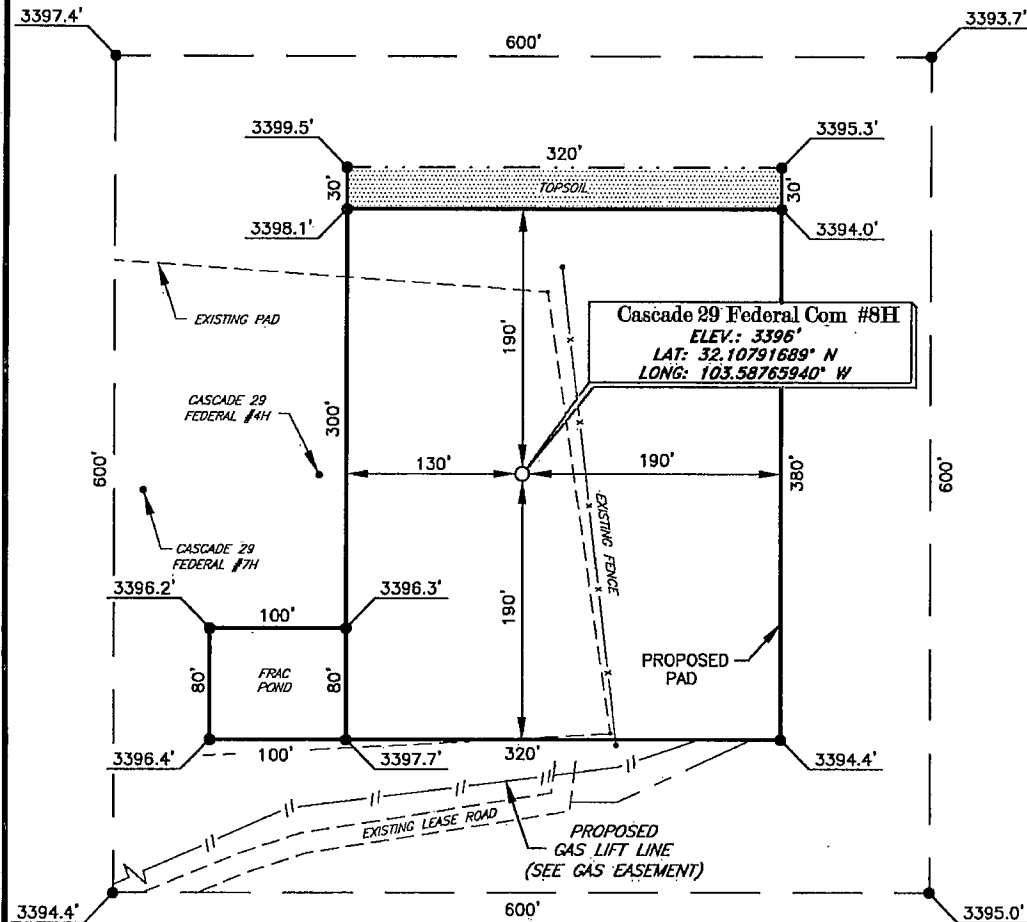
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			SCALE: 1"=1000'
			DATE: 10-7-2014
			SURVEYED BY: IE/DH
			DRAWN BY: LNY
NO.	REVISION	DATE	APPROVED BY: RMH
JOB NO.: LS140441			SHEET : 2 OF 2
DWG. NO.: 140441GAS2			

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 984-8200

Exhibit G

CIMAREX ENERGY COMPANY
CASCADE 29 FEDERAL Com #8H
(330' FNL & 585' FEL)
SECTION 29, T25S, R33E
N. M. P. M., LEA CO., NEW MEXICO



DIRECTIONS TO LOCATION

From the intersection of CR-2 (Battle Ave) and Pipeline Road,
 Go West on Pipeline Road approx. 2.1 miles to a lease road;

Turn right and go Northwest approx. 0.6 miles;

Continue on lease road going North approx. 2.8 miles to a lease road;

Turn right and go Northeast approx. 0.1 miles to proposed to the Southeast
 corner of the existing pad for the Cascade 29 Federal #7H.

Location is approx. 190 feet North of existing pad corner.

Exhibit D

SCALE: 1" = 100'
 0 50 100
 BEARINGS ARE
 NAD 27 GRID -- NM EAST
 DISTANCES ARE
 GROUND.

Firm No.: TX 10193838 NM 4655451

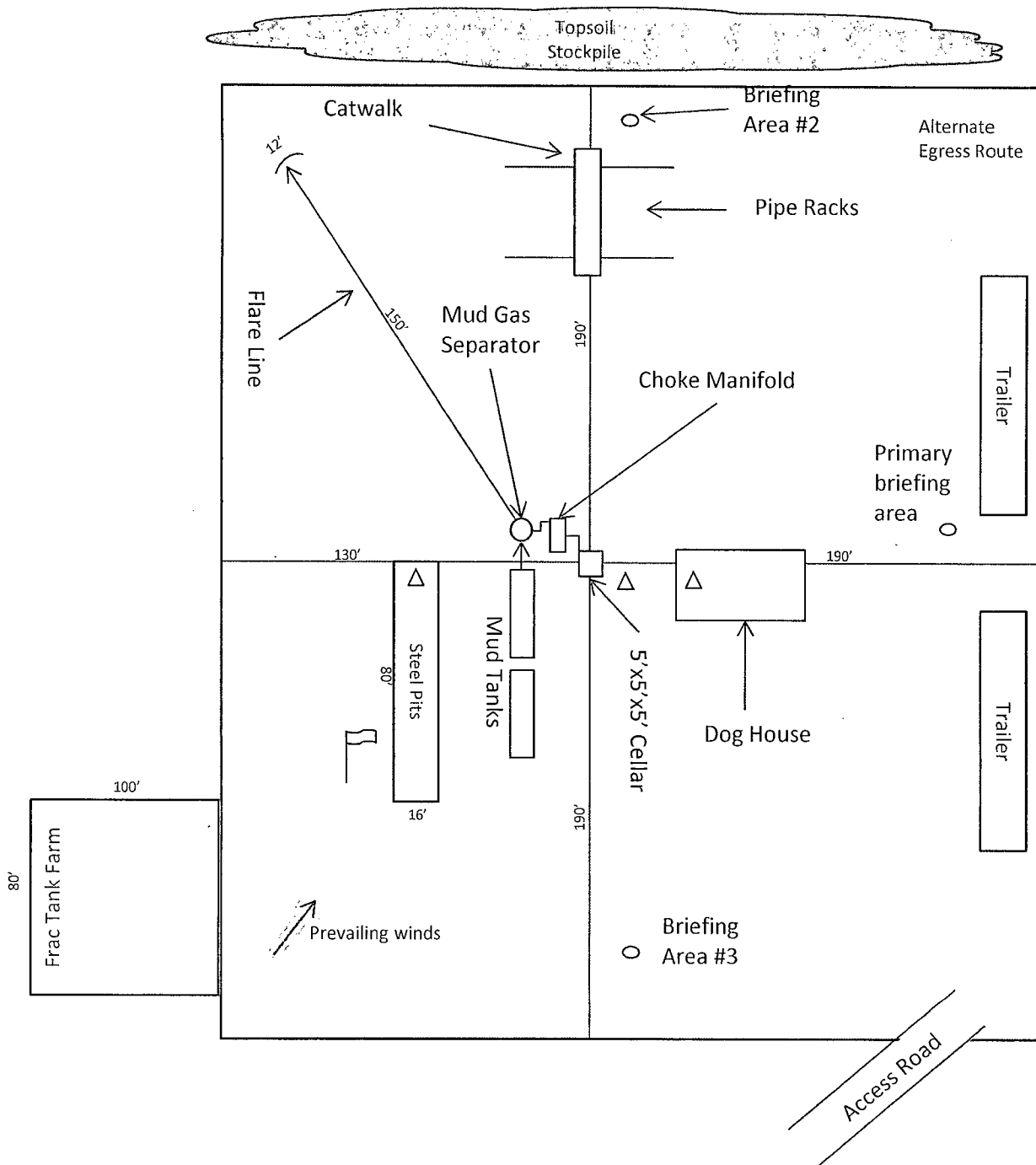
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NO.	REVISION	DATE
JOB NO.:	LS140441	
DWG. NO.:	140441PAD	

RRC

308 W. BROADWAY ST., HOEBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 10-17-2014
SURVEYED BY: IE/DH
DRAWN BY: LNY
APPROVED BY: RMH
SHEET : 1 OF 1



-  Wind Direction Indicators
(wind sock or streamers)
- H2S Monitors
(alarms at bell nipple and shale shaker)
-  Briefing Areas
- 



Exhibit D – Rig Diagram
Cascade 29 Federal Com 8H
 Cimarex Energy Co.
 29-25S-33E
 Lea County, NM