

HOBBS OCD

JUL 16 2014

Form C-102

Revised August 1, 2011

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 333-6161 Fax: (505) 333-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Submit one copy to appropriate
District Office

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41974	Pool Code 28432	Pool Name GRAMA RIDGE, BOB, WEST
Property Code 39893	Property Name WEST GRAMA RIDGE 6 FEDERAL	Well Number 3H
OGRID No. 215009	Operator Name CIMAREX ENERGY CO.	Elevation 3627

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 2	6	22 S	34 E		330	NORTH	1980	EAST	LEA

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
0	6	22 S	34 E		330	SOUTH	1980	EAST	LEA
Dedicated Acres 160.25	Joint or Infill	Consolidation Code	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

<p>N 520399.91 E 793039.93</p>		<p>N 520427.3 E 795647.90</p>		<p>N 520457.13 E 798287.78</p>	
<p>N 517758.30 E 793055.70</p>		<p>N 517802.60 E 798303.48</p>		<p>N 515119.50 E 793080.46</p>	
<p>N 515152.4 E 795689.0</p>		<p>N 515161.74 E 798319.10</p>		<p>N 515161.74 E 798319.10</p>	

3627.5' 3629.7'

1980'

3624.2' 3624.4'

4620.9'

330'

1980'

SURFACE LOCATION
 Lat - N 32°25'37.85"
 Long - W 103°30'25.02"
 NMSPCE- N 520104.73
 E 796310.38
 (NAD-83)

PROPOSED BOTTOM HOLE LOCATION
 Lat - N 32°24'51.94"
 Long - W 103°30'25.12"
 NMSPCE- N 515484.69
 E 796337.52
 (NAD-83)

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 is a voluntary pooling agreement or a compulsory pooling order therefore entered by the division.

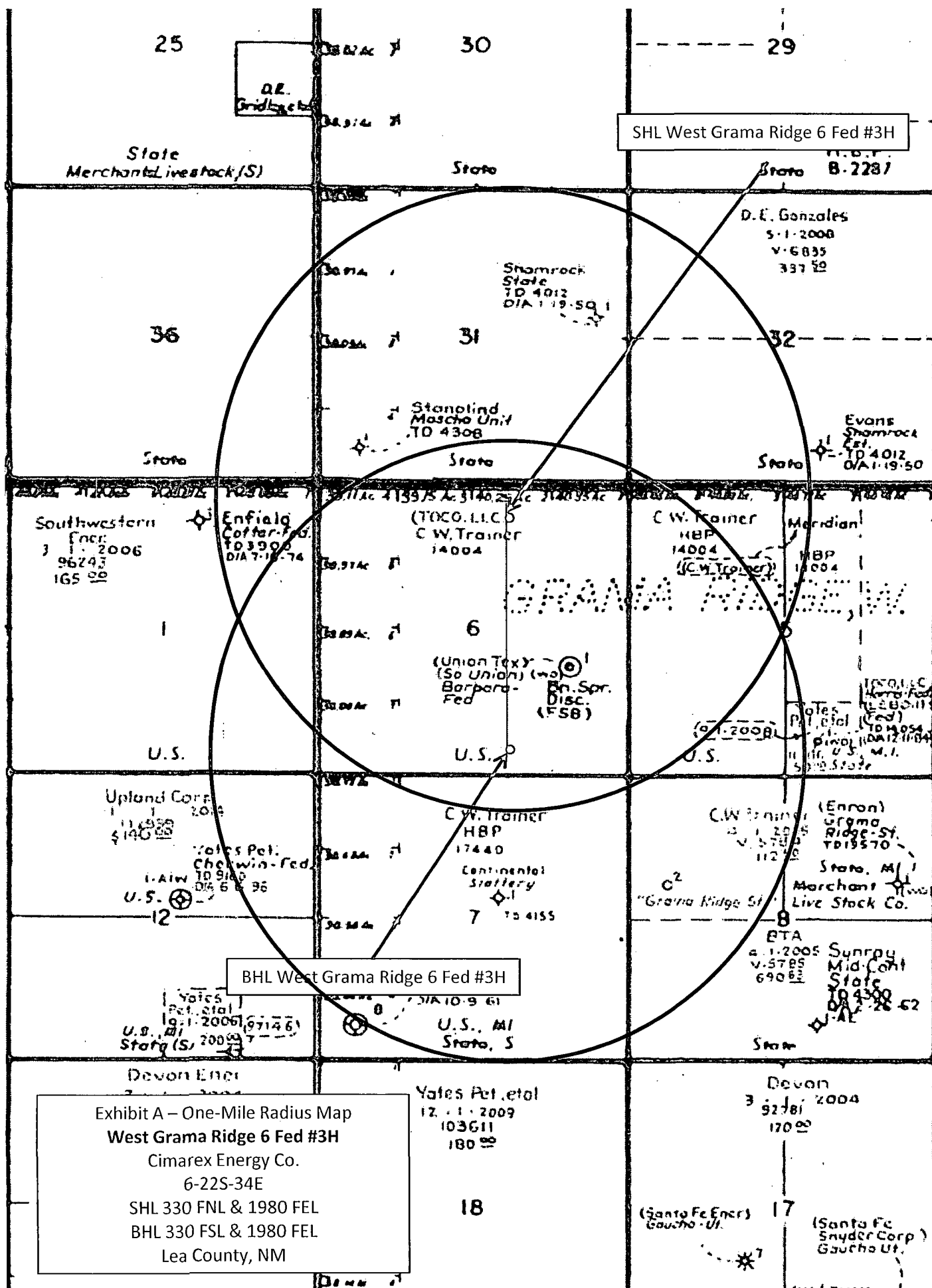
Terri Stathem
 Signature Date 10/4/13
 Printed Name
 Email Address tstathem@cimarex.com

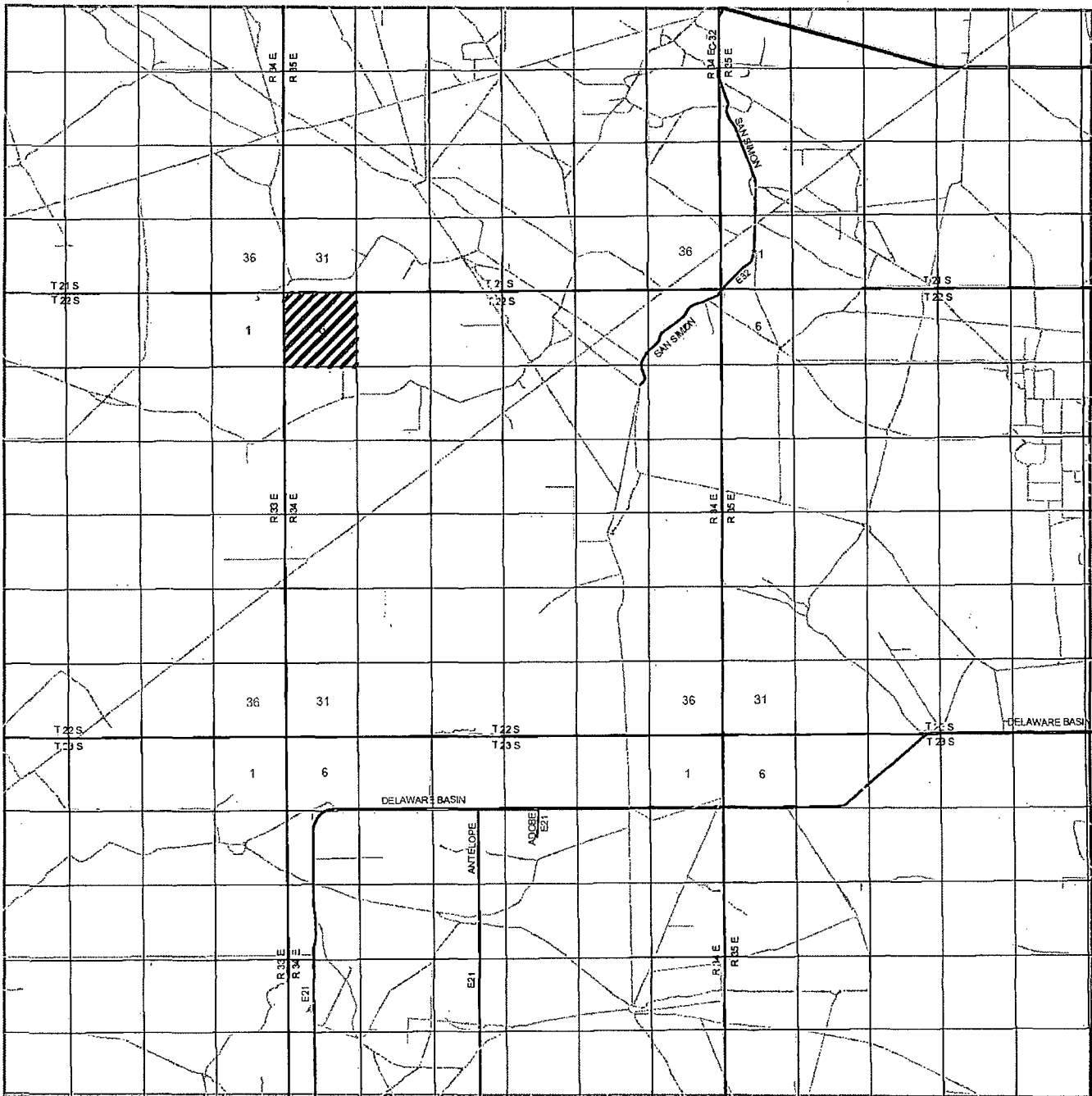
SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

[Signature]
 Date Surveyed 10/4/2012
 Signature Seal
 Professional Surveyor
 Certificate No. Gary L. Jones 7977

BASIN SURVEYS

JUL 16 2014





WEST GRAMA RIDGE 6 FEDERAL #3H
 Located 330' FNL and 1980' FEL
 Section 6, Township 22 South, Range 34 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

W.O. Number: DAJ 27569

Survey Date: 11-01-2012

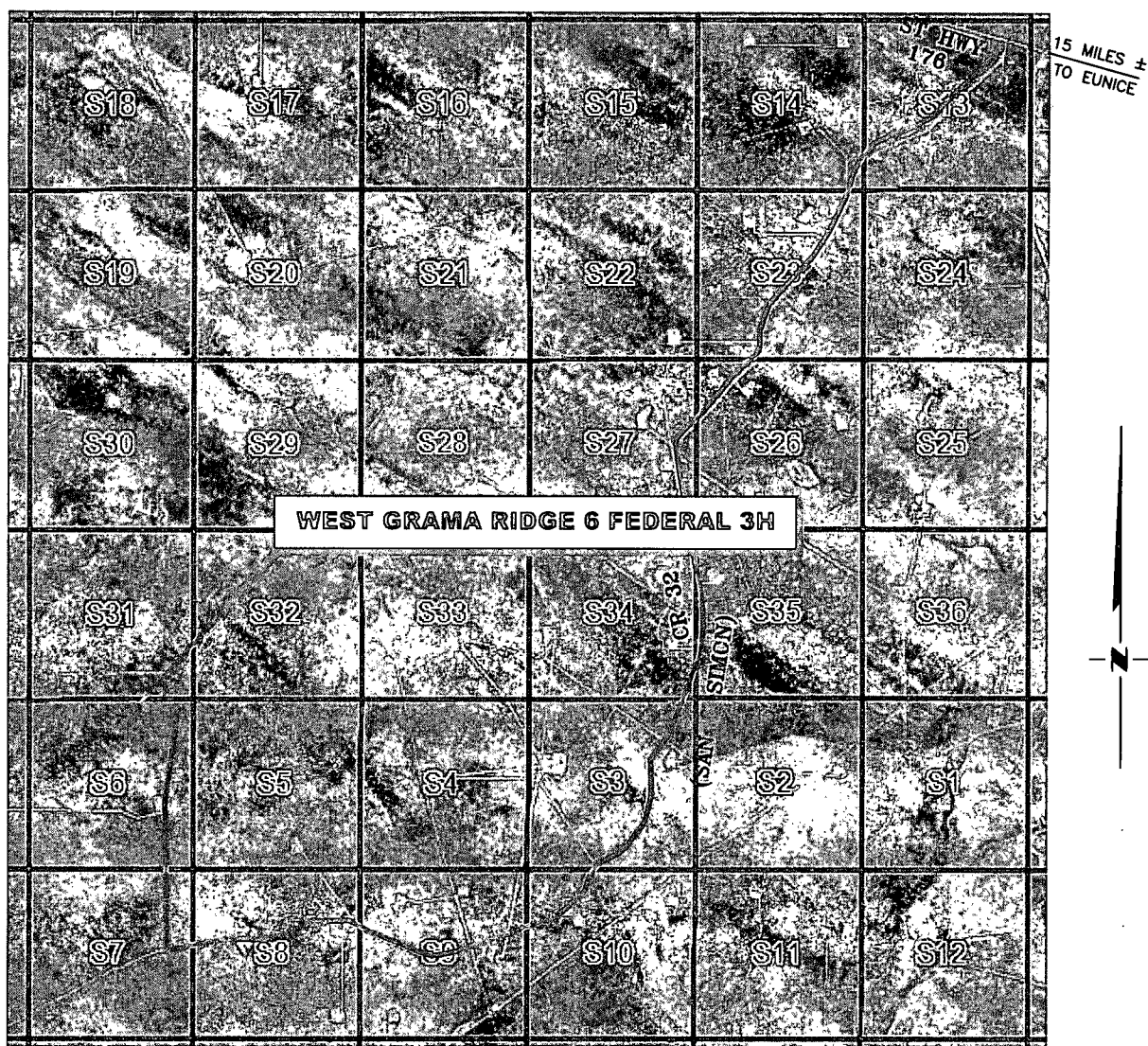
Scale: 1" = 2 Miles

Date: 11-12-2012

**CIMAREX
 ENERGY CO.**

VICINITY MAP

NOT TO SCALE



*SECTION 6, TWP. 22 SOUTH, RGE. 34 EAST,
N. M. P. M., LEA COUNTY, NEW MEXICO*

OPERATOR: Cimarex Energy Company
LEASE: West Grama Ridge 6 Federal
WELL NO.: 3H

LOCATION: 330' FNL & 1980' FEL
ELEVATION: 3630'

Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved

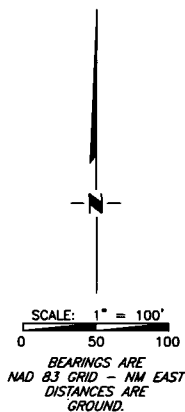
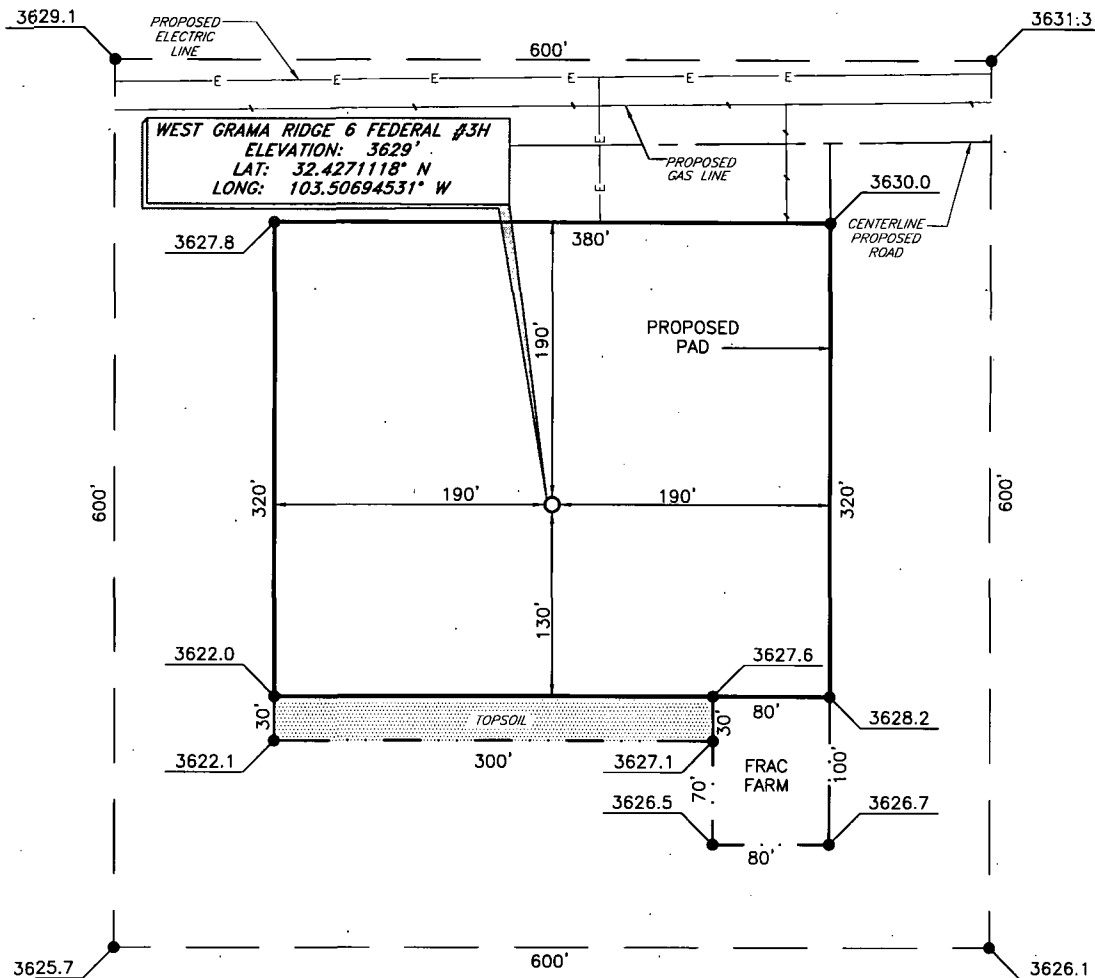
NO.	REVISION	DATE
JOB NO.: LS140037		
DWG. NO.: 140037VM		

RRC

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

SCALE: NONE
DATE: 2/19/14
SURVEYED BY: GB/IE
DRAWN BY: JF
APPROVED BY: LWB
SHEET : 1 OF 1

CIMAREX ENERGY COMPANY
West Grama Ridge 6 Federal #3H
(330' FNL & 1980' FEL)
Section 6, T-22-S, R-34-E,
N. M. P. M., Lea Co., New Mexico



DRIVING DIRECTIONS

From the intersection of St. Hwy. No. 176 and Co. Rd. 32 (San Simon);

Go West on St. Hwy. No. 176 approx. 0.3 mile;

Turn left on a lease road and go south approx. 0.3 mile to a "Y" intersection;

Turn left and go South and West approx. 8.5 miles to a "Y" intersection;

Turn right and go North approx. 1.4 mile to proposed road survey;

Follow proposed road survey North approx. 0.1 mile to a "T" intersection;

Turn left and go West approx. 0.8 mile to location.

Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved

NO.	REVISION	DATE
JOB NO.:	LS140037	
DWG. NO.:	140037PAD	

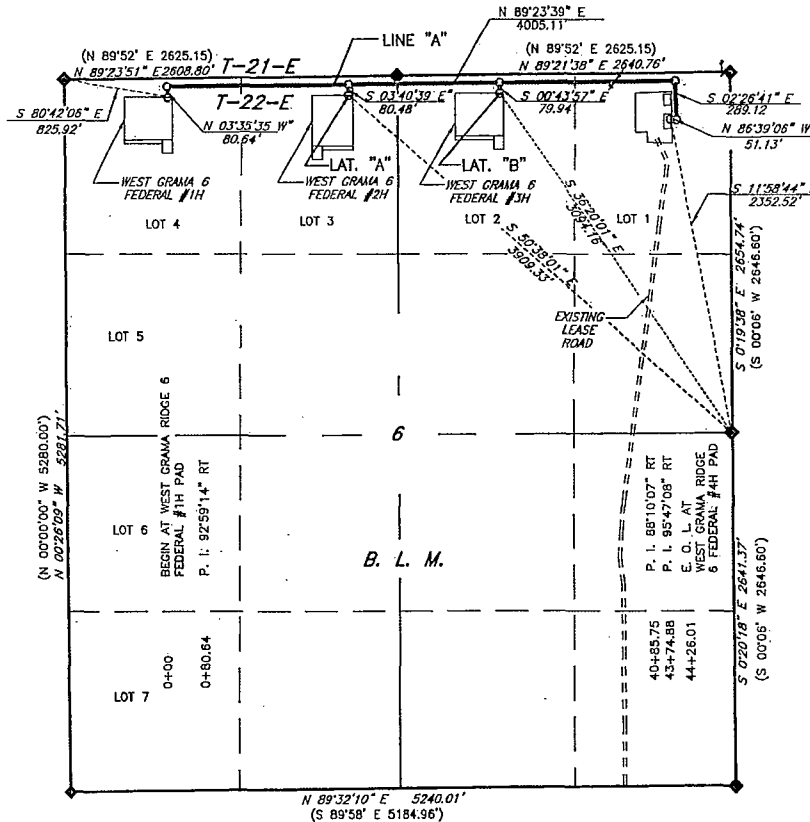
RRC

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

SCALE: 1" = 100'
DATE: 2-19-14
SURVEYED BY: GB/IE
DRAWN BY: JF
APPROVED BY: LWB
SHEET : 1 OF 1

CIMAREX ENERGY COMPANY

PROPOSED FLOWLINE EASEMENT FOR THE WEST GRAMA RIDGE 6 FEDERAL WELLS Section 6, T-22-S, R-34-E, N. M. P. M., Lea Co., New Mexico



LATERAL "A"
0+00 = 15+07.63 LINE "A"
0+80.48 E. O. L. AT WEST GRAMA RIDGE 6
FEDERAL #1H PAD

LATERAL "B"
0+00 = 27+00.92 LINE "A"
0+79.94 E. O. L. AT
WEST GRAMA RIDGE
6 FEDERAL #2H PAD

SCALE: 1" = 1000'
0 500 1000

BEARINGS: NAD 83-NM EAST
DISTANCES: GROUND HORIZ.

LEGEND

- () RECORD DATA
- ◆ FOUND BRASS CAP "1913"

I, Larry Busby, a N. M. Professional Surveyor, hereby certify that this plat was prepared from an actual ground survey made 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.

Larry Busby NM PS 11398

Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved



NO.	REVISION	DATE
JOB NO.: LS140035		
DWG. NO.: 140035GL		

Exhibit G

RRC

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

SCALE: 1" = 1000'
DATE: 2-19-14
SURVEYED BY: GB/IE
DRAWN BY: JF
APPROVED BY: LWB
SHEET : 1 OF 2

CIMAREX ENERGY COMPANY
PROPOSED FLOWLINE EASEMENT FOR THE WEST
GRAMA RIDGE 6 FEDERAL WELLS
Section 6, T-22-S, R-34-E,
N. M. P. M., Lea Co., New Mexico

DESCRIPTION

A strip of land 30 feet in width and 4,586.43 feet or 277.965 rods in length situated within Section 6, Township 22 South, Range 34 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 lies S 80°42'06" E, 825.92 feet from a brass cap, stamped "1913", found for the Northwest corner of the aforementioned Section 6;

Thence N 03°35'35" W, 80.64 feet to Engr. Sta. 0+80.64, a P. I. of 92°59'14" right;

Thence N 89°23'39" E, 4,005.11 feet to Engr. Sta. 40+85.75, a P. I. of 88°10'07" right;

Thence S 02°26'41" E, 289.12 feet to Engr. Sta. 43+74.88, a P. I. of 95°47'08" right;

Thence N 86°39'06" W, 51.13 feet to Engr. Sta. 44+26.01, the end of the survey and a point from which a brass cap, stamped "1913", found for the East quarter corner of the above-mentioned Section 6 bears S 11°58'44" E, 2,352.52 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 15+07.63 Line "A") for Lateral "A", a point from which a brass cap, stamped "1913", found for the North quarter corner of the above-mentioned Section 6 bears N 74°56'04" E, 352.19 feet;

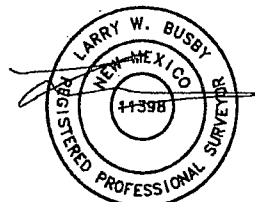
Thence S 03°40'39" E, 80.48 feet to Engr. Sta. 0+80.48, the end of the survey and a point from which a brass cap, stamped "1913", found for the East quarter corner of the above-mentioned Section 6 bears S 50°38'01" E, 3,909.33 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 27+00.92 Line "A") for Lateral "B", a point from which a brass cap, stamped "1913", found for the North quarter corner of the above-mentioned Section 6 bears S 84°40'41" E, 855.39 feet;

Thence S 00°43'57" E, 79.94 feet to Engr. Sta. 0+79.94, the end of the survey and a point from which a brass cap, stamped "1913", found for the East quarter corner of the above-mentioned Section 6 bears S 36°20'01" E, 3,094.16 feet.

Said strip of land contains 3.159 acres, more or less, and is allocated by forties as follows:

Lot 1	0.844 Ac.	Lot 2	0.964 Ac.
Lot 3	0.964 Ac.	Lot 4	0.387 Ac.



Firm No.: TX 1019383B NM 4655451

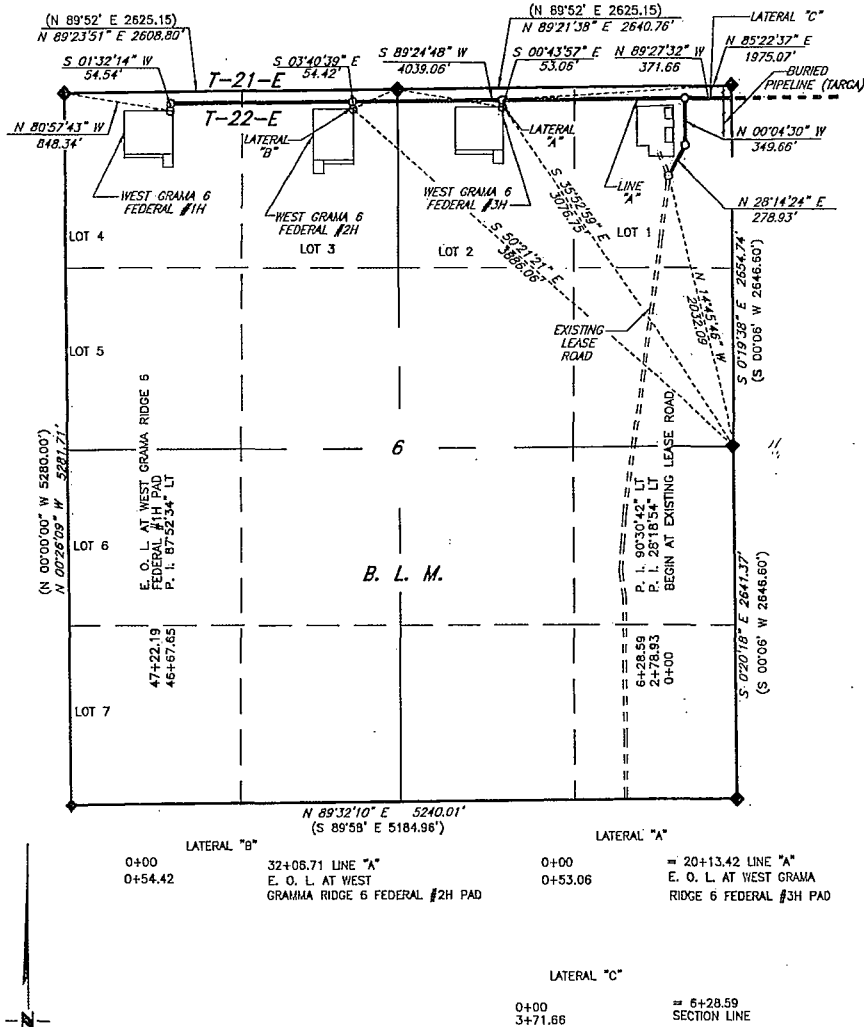
Copyright 2014 - All Rights Reserved

			<div style="font-size: 2em; font-weight: bold;">RRC</div>				
<div style="font-size: 1.2em; font-weight: bold;">Exhibit G</div>							
NO.	REVISION	DATE			SCALE: 1" = 1000'		
					DATE: 2-19-14		
					SURVEYED BY: GB/IE		
					DRAWN BY: JF		
					APPROVED BY: LWB		
					SHEET : 1 OF 2		
JOB NO.: LS140035							
DWG. NO.: 140035GL							
			308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200				

CIMAREX ENERGY COMPANY

PROPOSED ROAD EASEMENT FOR THE WEST GRAMA RIDGE 6 FEDERAL WELLS

Section 6, T-22-S, R-34-E,
N. M. P. M., Lea Co., New Mexico



SCALE: 1" = 1000'
0 500 1000

BEARINGS: NAD 83-NM EAST
DISTANCES: GROUND HORIZ.

LEGEND

- () RECORD DATA
- ◆ FOUND BRASS CAP "1913"

I, Larry Busby, a N. M. Professional Surveyor, hereby certify that this plat was prepared from an actual ground survey made 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.

Larry Busby NM PS 11398



Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved

NO.	REVISION	DATE

Exhibit C-2

RRC

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

SCALE: 1" = 1000'
DATE: 2-19-14
SURVEYED BY: GB/IE
DRAWN BY: JF
APPROVED BY: LWB
SHEET: 1 OF 2

CIMAREX ENERGY COMPANY

PROPOSED ROAD EASEMENT FOR THE WEST GRAMA RIDGE 6 FEDERAL WELLS Section 6, T-22-S, R-34-E, N. M. P. M., Lea Co., New Mexico

DESCRIPTION

A strip of land 30 feet in width and 5201.33 feet or 315.232 rods in length situated within Section 6, Township 22 South, Range 34 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 lies N 14°45'46" W 2,032.09 feet from a brass cap, stamped "1913", found for the East quarter corner of the aforementioned Section 6;

Thence N 28°14'24" E, 278.93 feet to Engr. Sta. 2+78.93, a P. I. of 28°18'54" left;

Thence N 00°04'30" W, 349.66 feet to Engr. Sta. 6+28.59, a P. I. of 90°30'42" left;

Thence S 89°24'48" W, 4,039.06 feet to Engr. Sta. 46+67.65, a P. I. of 87°52'34" left;

Thence S 01°32'14" W, 54.54 feet to Engr. Sta. 47+22.19, the end of the survey and a point from which a brass cap, stamped "1913", found for the Northwest corner of the above-mentioned Section 6 bears N 80°57'43" W, 848.34 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 20+13.42 Line "A") for Lateral "A", a point from which a brass cap, stamped "1913", found for the North quarter corner of the above-mentioned Section 6 bears N 84°40'41" W, 855.39 feet;

Thence S 00°43'57" E, 53.06 feet to Engr. Sta. 0+53.06, the end of the survey and a point from which a brass cap, stamped "1913", found for the East quarter corner of the above-mentioned Section 6 bears S 35°52'59" E, 3,076.75 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 32+06.71 Line "A") for Lateral "B", a point from which a brass cap, stamped "1913", found for the North quarter corner of the above-mentioned Section 6 bears N 74°56'04" E, 352.19 feet;

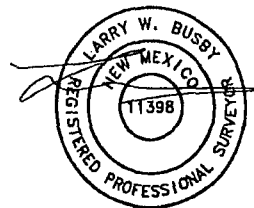
Thence S 03°40'39" E, 54.42 feet to Engr. Sta. 0+54.42, the end of the survey and a point from which a brass cap, stamped "1913", found for the East quarter corner of the above-mentioned Section 6 bears S 50°21'21" E, 3,886.06 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 6+28.59 Line "A") for Lateral "D", a point from which a brass cap, stamped "1913", found for the Northeast corner of the above-mentioned Section 6 bears N 75°44'41" E, 382.92 feet;

Thence N 89°27'32" E, 371.66 feet to Engr. Sta. 3+71.66, a point on the East boundary line of the aforementioned Section 6 from which a brass cap, stamped "1913", found for the East quarter corner of said Section 6 bears S 00°19'38" E, 2,563.95 feet.

Said strip of land contains 3.582 acres, more or less, and is allocated by forties as follows:

Lot 1	1.342 Ac.	Lot 2	0.945 Ac.
Lot 3	0.945 Ac.	Lot 4	0.350 Ac.



Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved

NO.	REVISION	DATE
JOB NO.:	LS140035	
DWG. NO.:	140035RD	

Exhibit C-2

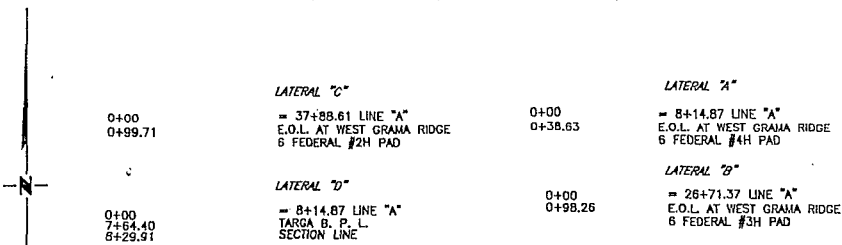
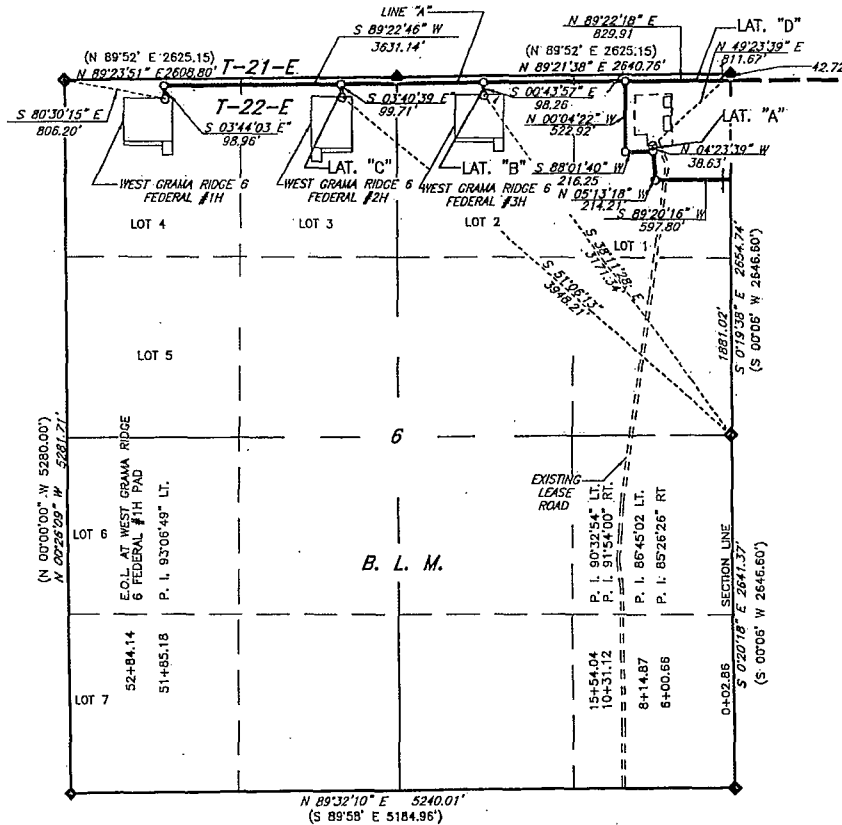
RRC

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

SCALE: 1" = 1000'
DATE: 2-19-14
SURVEYED BY: GB/IE
DRAWN BY: JF
APPROVED BY: LWB
SHEET : 1 OF 2

CIMAREX ENERGY COMPANY

PROPOSED ELECTRIC LINE EASEMENT FOR THE WEST GRAMA RIDGE 6 FEDERAL WELLS Section 6, T-22-S, R-34-E, N. M. P. M., Lea Co., New Mexico



SCALE: 1" = 1000'

BEARINGS: NAD 83-NM EAST
DISTANCES: GROUND HORIZ.

LEGEND

- () RECORD DATA
- ◆ FOUND BRASS CAP "1913"

I, Larry Busby, a N. M. Professional Surveyor, hereby certify that this plat was prepared from an actual ground survey made 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.

Larry Busby NM PS 11398



Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved

NO.	REVISION	DATE
JOB NO.:	LS140035	
DWG. NO.:	140035EL	

Exhibit H

RRC

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

SCALE: 1" = 1000'
DATE: 2-19-14
SURVEYED BY: GB/IE
DRAWN BY: JF
APPROVED BY: LWB
SHEET: 1 OF 3

CIMAREX ENERGY COMPANY
PROPOSED ELECTRIC LINE EASEMENT FOR THE WEST
GRAMA RIDGE 6 FEDERAL WELLS
Section 6, T-22-S, R-34-E,
N. M. P. M., Lea Co., New Mexico

DESCRIPTION

A strip of land 30 feet in width and 6,347.79 feet or 384.715 rods in length situated in Section 6, Township 22 South, Range 34 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 Line "A" at Engr. Sta. 0+02.86, a point on the East boundary line of the aforementioned Section 6 from which a brass cap, stamped "1913", found for the East quarter corner of said Section 6 bears S 00°19'38" E, 1,881.02 feet;

Thence S 89°20'16" W, 597.80 feet to Engr. Sta. 6+00.66, a P. I. of 85°26'26" right;

Thence N 05°13'18" W, 214.21 feet to Engr. Sta. 8+14.87, a P. I. of 86°45'02" left;

Thence S 88°01'40" W, 216.25 feet to Engr. Sta. 10+31.12, a P. I. of 91°54'00" right;

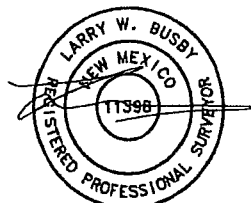
Thence N 00°04'22" W, 522.92 feet to Engr. Sta. 15+54.04, a P. I. of 90°32'54" left;

Thence S 89°22'46" W, 3,631.14 feet to Engr. Sta. 51+85.18, a P. I. of 93°06'49" left;

Thence S 03°44'03" E, 98.96 feet to Engr. Sta. 52+84.14, the end of the survey and a point which lies S 80°30'15" E, 806.20 feet from a brass cap, stamped "1913", found for the Northwest corner of the above-mentioned Section 6;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 8+14.87 Line "A") for Lateral "A", a point which lies N 16°44'38" W, 2,179.82 feet from a brass cap, stamped "1913", found for the East quarter corner of the aforementioned Section 6;

Thence N 04°23'39" W, 38.63 feet to Engr. Sta. 0+38.63, the end of the survey and a point from which a brass cap, stamped "1913", found for the Northeast corner of the aforementioned Section 6 bears N 49°23'39" E, 811.67 feet;



Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved

Exhibit H				RRC			
						SCALE: 1" = 1000'	
						DATE: 2-19-14	
						SURVEYED BY: GB/IE	
						DRAWN BY: JF	
						APPROVED BY: LWB	
						SHEET : 2 OF 3	
NO.		REVISION		DATE			
JOB NO.:		LS140035					
DWG. NO.:		140035EL					
308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200							

CIMAREX ENERGY COMPANY
PROPOSED ELECTRIC LINE EASEMENT FOR THE WEST
GRAMA RIDGE 6 FEDERAL WELLS
Section 6, T-22-S, R-34-E,
N. M. P. M., Lea Co., New Mexico

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 26+71.37 Line "A") for Lateral "B", a point which lies S 87°29'04" E, 694.56 feet from a brass cap, stamped "1913", found for the North quarter corner of the aforementioned Section 6;

Thence S 00°43'57" E, 98.26 feet to Engr. Sta. 0+98.26, the end of the survey and a point from which a brass cap, stamped "1913", found for the East quarter corner of the aforementioned Section 6 bears S 38°11'28" E, 3,171.34 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 37+88.61 Line "A") for Lateral "C", a point which lies S 83°43'20" W, 426.01 feet from a brass cap, stamped "1913", found for the North quarter corner of the aforementioned Section 6;

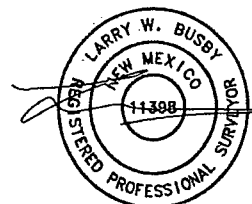
Thence S 03°40'39" E, 99.71 feet to Engr. Sta. 0+99.71, the end of the survey and a point from which a brass cap, stamped "1913", found for the East quarter corner of the aforementioned Section 6 bears S 51°06'13" E, 3,948.21 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 8+14.87 Line "A") for Lateral "D", a point from which a brass cap, stamped "1913", found for the North quarter corner of the aforementioned Section 6 bears N 89°17'35" W, 1,811.12 feet;

Thence N 89°22'18" E, 829.91 feet to Engr. Sta. 8+29.91, a point on the East boundary line of the aforementioned Section 6 which lies S 00°19'38" E, 42.72 feet from a brass cap, stamped "1913", found for the Northeast corner of said Section 6.

Said strip of land contains 4.372 acres, more or less, and is allocated by forties as follows:

Lot 1	2.004 Ac.	Lot 2	0.977 Ac.
Lot 3	0.977 Ac.	Lot 4	0.414 Ac.



Firm No.: TX 10193838 NM 4655451

Copyright 2014 - All Rights Reserved

<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>NO. REVISION DATE</p> <p>JOB NO.: LS140035</p> <p>DWG. NO.: 140035EL</p> </div> <div style="text-align: center;"> <p>Exhibit H</p> <p>RRC</p> <p>308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200</p> </div> <div> <p>SCALE: 1" = 1000'</p> <p>DATE: 2-19-14</p> <p>SURVEYED BY: GB/IE</p> <p>DRAWN BY: JF</p> <p>APPROVED BY: LWB</p> <p>SHEET : 3 OF 3</p> </div> </div>		
--	--	--

Public Access Route
West Grama Ridge 6 Fed #3H
Cimarex Energy Co.
6-22S-34E
SHL 330 FNL & 2080 FWL
BHL 330 FSL & 1980 FWL
Lea County, NM

Directions to Location:

HEADING WEST ON HIGHWAY 176 IN BETWEEN SAN SIMON AND MILE MARKER 19 TURN SOUTH ON EXISTING LEASE ROAD. GO 9 MILES TO EXISTING NORTHBOUND LEASE ROAD GO 0.9 MILES TO PROPOSED ROAD FOR WEST GRAMA RIDGE 5 AND 6 WELLS.

WEST GRAMA RIDGE
6 FEDERAL

WEST GRAMA RIDGE 7 FEDERAL

TERRACE