

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax: (505) 393-0720

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) 834-6178 Fax: (505) 834-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3480 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025- 42185	Pool Code 28432	Pool Name GRAMA RIDGE; 13 S, WEST
Property Code 313793	Property Name WEST GRAMA RIDGE 5 FEDERAL	Well Number 5
OGRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3659'

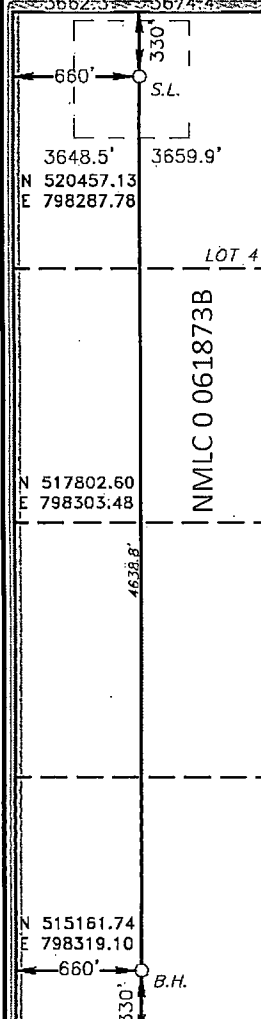
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	5	22 S	34 E		330	NORTH	660	WEST	LEA

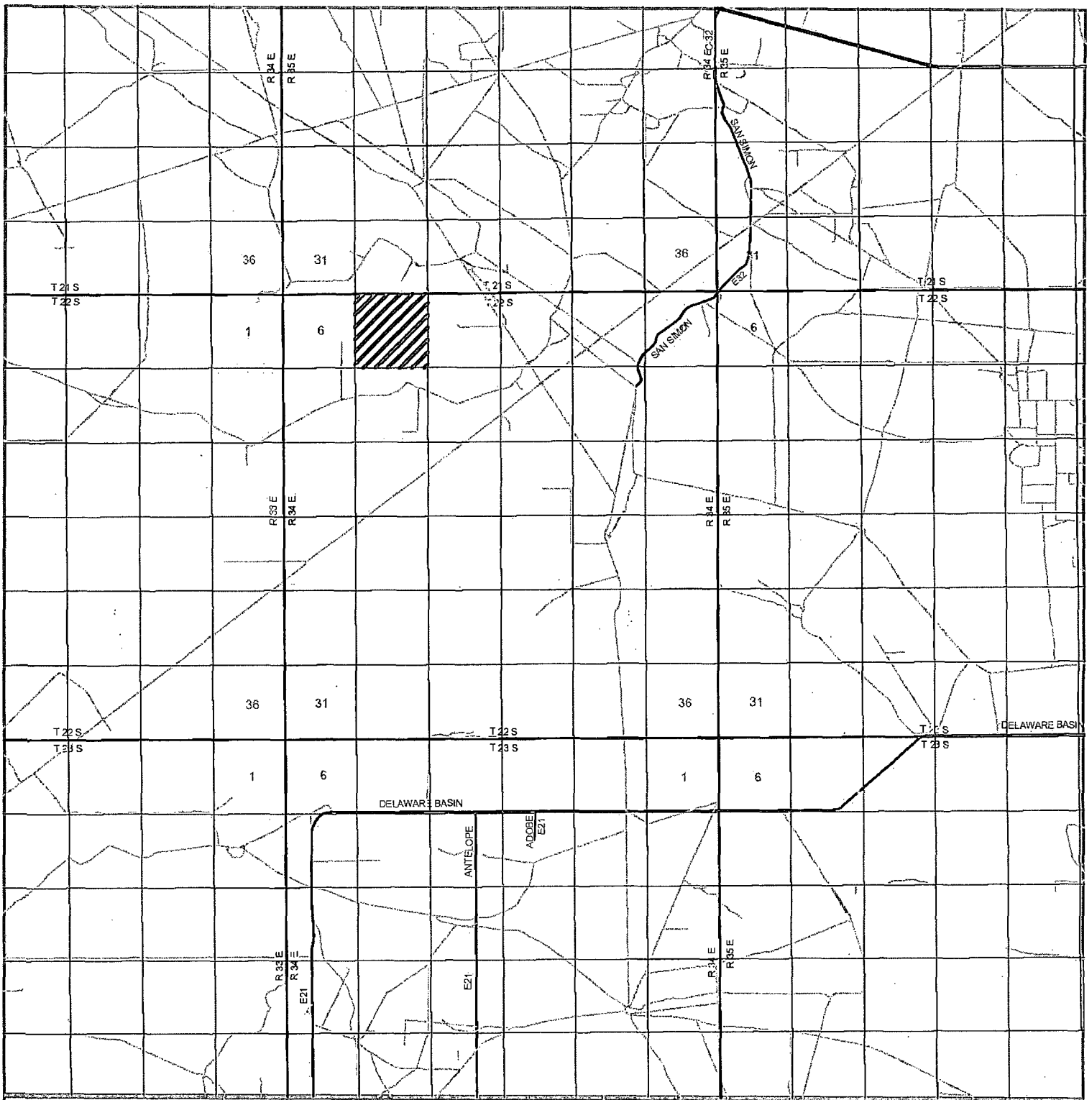
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	22 S	34 E		330	SOUTH	660	WEST	LEA
Dedicated Acres 160.46	Joint or Infill per Paula Brunson	Consolidation Code 12/13/13	Order No.						

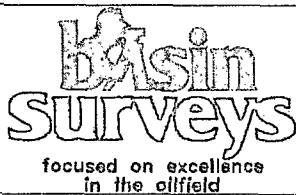
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>SURFACE LOCATION Lot - N 32°25'37.74" Long - W 103°29'54.22" NMSPCE- N 520134.32 E 798949.68 (NAD-83)</p> <p>PROPOSED BOTTOM HOLE LOCATION Lot - N 32°24'51.85" Long - W 103°29'54.32" NMSPCE- N 515496.37 E 798977.01 (NAD-83)</p>	<p>N 520485.90 E 800927.78</p> <p>N 517836.30 E 803576.76</p> <p>N 515180.49 E 800953.09</p>	<p>N 520514.87 E 803568.62</p> <p>N 517802.60 E 798287.78</p> <p>N 517836.30 E 803576.76</p> <p>N 515198.38 E 803586.45</p>	<p>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><i>Hope Knauls</i> 11/20/2013 Signature Date</p> <p>Hope Knauls Printed Name hknauls@cimarex.com Email Address</p> <p>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>Date Surveyed: 11/20/2013 Signature: [Signature] Seal of Professional Surveyor: [Seal]</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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OCT 15 2014



WEST GRAMA RIDGE 5 FEDERAL #5
 Located 330' FNL and 660' FWL
 Section 5, 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

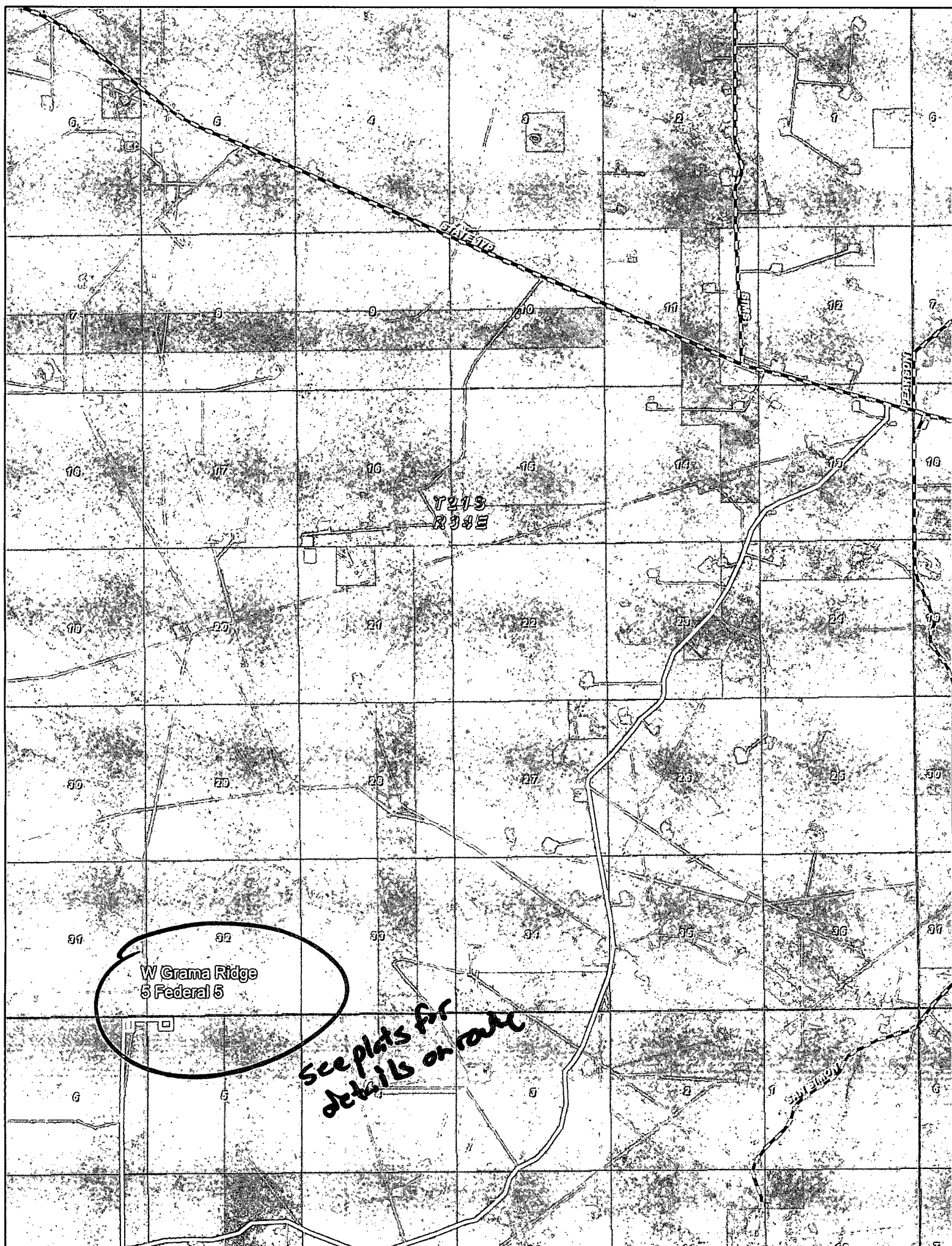
W.O. Number: DAJ 27564

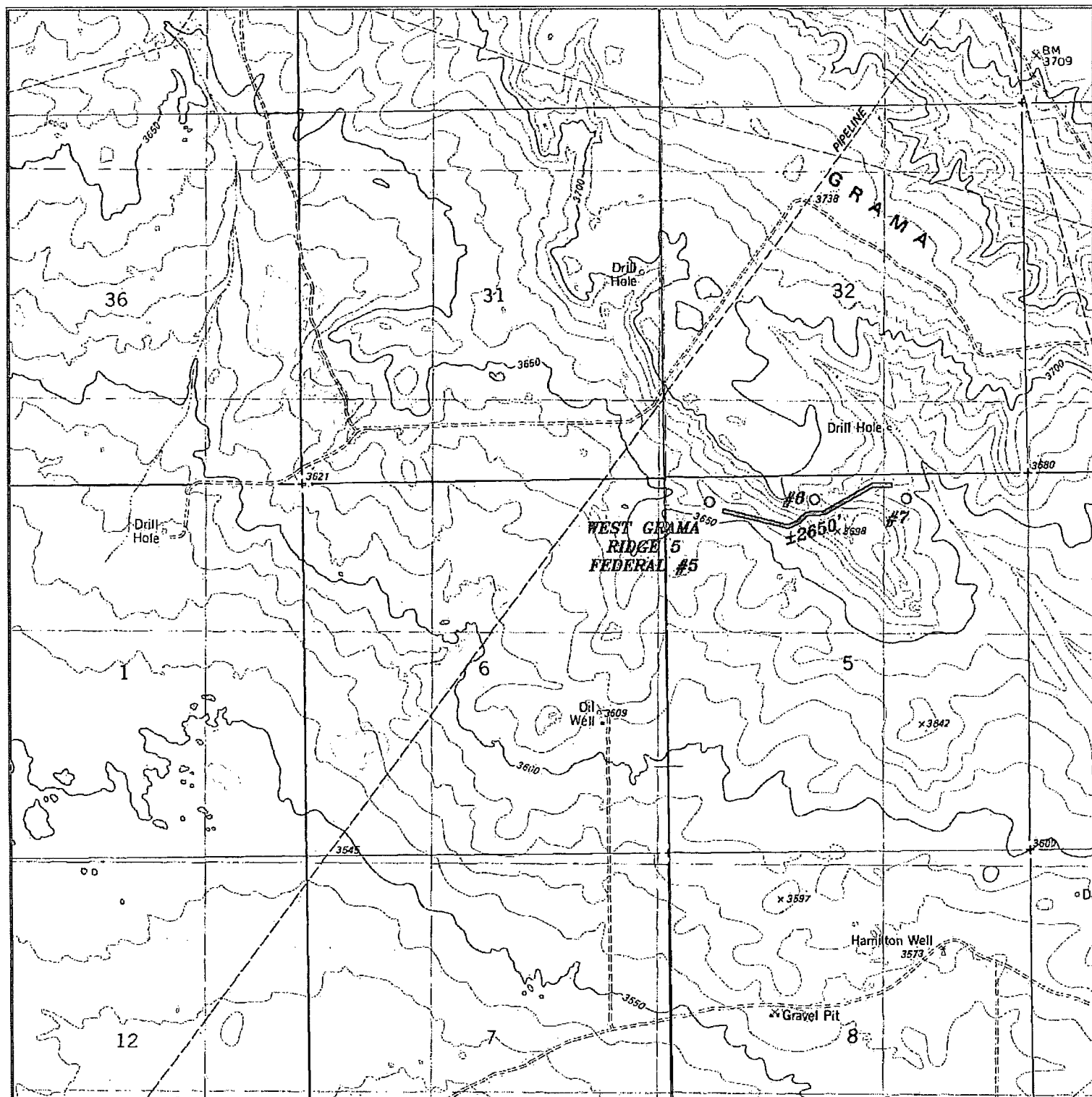
Survey Date: 10-31-2012

Scale: 1" = 2 Miles

Date: 11-09-2012

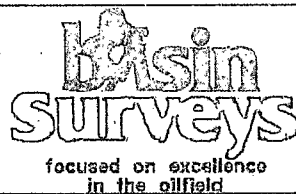
**CIMAREX
 ENERGY CO.**





WEST GRAMA RIDGE 5 FEDERAL #5 ELECTRIC & FLOW LINE
 Section 5, Township 22 South, Range 34 East,
 N.M.P.M., Lea County, New Mexico.

NOTE: ELECTRIC AND FLOW LINE TO FOLLOW LEASE ROAD



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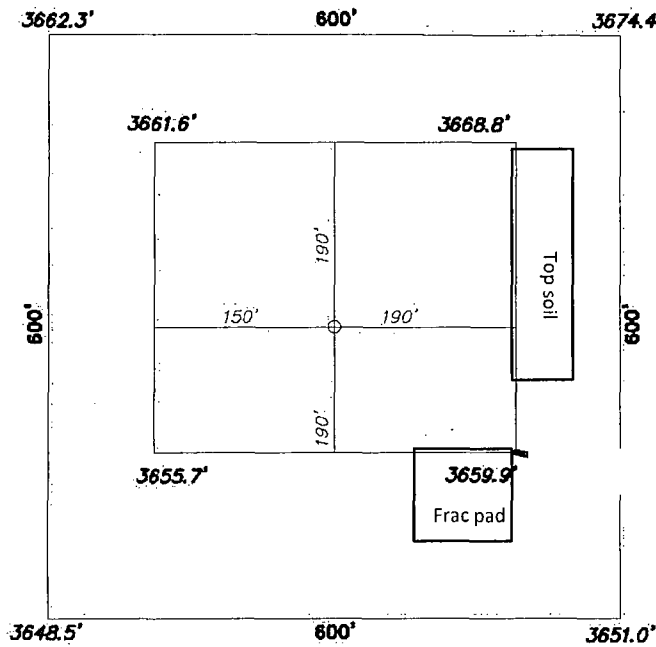
Survey Date: 10-31-2012

Scale: 1" = 2000'

Date: 11-09-2012

CIMAREX
ENERGY CO.

**SECTION 5, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.**



CIMAREX ENERGY CO.
WEST GRAMA RIDGE 5 FEDERAL #5
ELEV. - 3659'

SURFACE LOCATION
Lat - N 32°25'37.74"
Long - W 103°29'54.22"
NMSPCE - N 520134.32
E 798949.68
(NAD-83)



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 CO .0.9 MILES TO PROPOSED ROAD FOR WEST GRAMA RIDGE 5 AND 6 WELLS.

CIMAREX ENERGY CO.

REF: WEST GRAMA RIDGE 5 FEDERAL #5 / WELL PAD TOPO

THE WEST GRAMA RIDGE 5 FEDERAL #5 LOCATED 330'
FROM THE NORTH LINE AND 660' FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 22 SOUTH, RANGE 34 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 27564 Drawn By: **D. JONES**

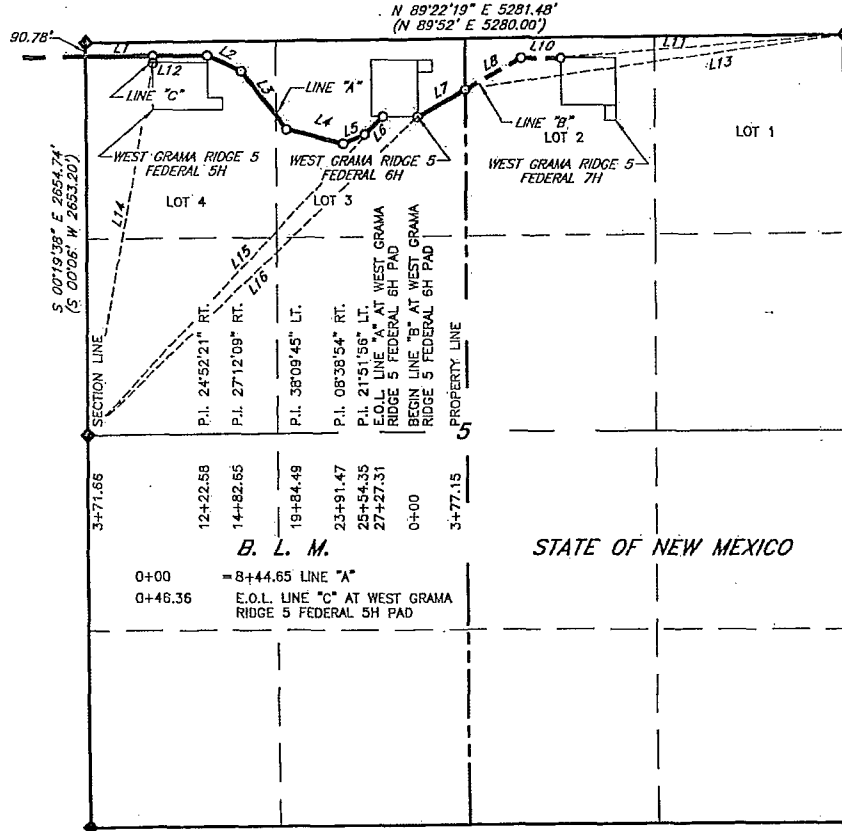
Date: 11-09-2012 Disk: DAJ 27564

Survey Date: 10-31-2012

Sheet 1 of 1 Sheets

CIMAREX ENERGY COMPANY

Proposed Road Easement for the
West Grama Ridge 5 Federal 5H, 6H, and 7H
Section 5, Twp. 22 South, Rge. 34 East,
N. M. P. M., Lea Co., New Mexico



LINE TABLE		
LINE	BEARING	LENGTH
L1	N 89°27'32" E	850.92'
L2	S 65°40'07" E	260.07'
L3	S 38°27'58" E	501.84'
L4	S 76°37'43" E	406.98'
L5	N 67°58'49" E	162.88'
L6	N 46°06'53" E	172.95'
L7	N 61°17'31" E	377.15'
L8	N 61°17'31" E	444.34'
L9	N 89°58'33" E	280.64'
L10	N 89°58'33" E	280.64'
L11	S 85°22'37" W	1975.07'
L12	S 00°00'10" E	46.36'
L13	S 81°57'38" W	2665.20'
L14	N 10°15'00" E	2562.90'
L15	N 43°37'03" E	2986.60'
L16	N 46°46'05" E	3151.58'

SCALE: 1" = 1000'

0 500 1000

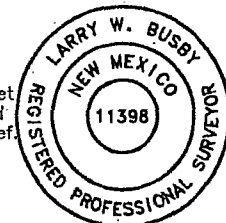
BEARINGS: NAD 83-NM EAST
DISTANCES: GROUND HORIZ.

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

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NO.	REVISION	DATE
1		
JOB NO.:	LS140038	
DWG. NO.:	140038RD1	

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: JC
APPROVED BY: LWB
SHEET : 1 OF 4

CIMAREX ENERGY COMPANY

Proposed Road Easement for the West Grama Ridge 5 Federal 5H, 6H, and 7H Section 5, Twp. 22 South, Rge. 34 East, N. M. P. M., Lea Co., New Mexico

DESCRIPTION

A strip of land 30 feet in width and 2,779.16 feet or 168.434 rods in length situated in Section 5, Township 22 South, Range 34 East, N. M. P. M., Lea County, New Mexico and 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. 3+71.66, Line "A", a point on the West boundary line of the aforementioned Section 5 which lies S 00°19'38" E, 90.78 feet from a brass cap, stamped "1913", found for the Northwest corner of the aforementioned Section 5;

Thence N 89°27'32" E, 850.92 feet to Engr. Sta. 12+22.58, a P. I. of 24°52'21" right;

Thence S 65°40'07" E, 260.07 feet to Engr. Sta. 14+82.65, a P. I. of 27°12'09" right;

Thence S 38°27'58" E, 501.84 feet to Engr. Sta. 19+84.49, a P. I. of 38°09'45" left;

Thence S 76°37'43" E, 406.98 feet to Engr. Sta. 23+91.47, a P. I. of 08°38'54" right;

Thence N 67°58'49" E, 162.88 feet to Engr. Sta. 25+54.35, a P. I. of 21°51'56" left;

Thence N 46°06'53" E, 377.15 feet to Engr. Sta. 27+27.31, the end of the survey and a point which lies N 43°37'03" E, 2,986.80 feet from a brass cap, stamped "1913", found for the West quarter corner of the above-mentioned Section 5;

Thence BEGINNING AGAIN at Engr. Sta. 0+00, Line "B", a point which lies N 46°46'05" E, 3,151.58 feet from a brass cap, stamped "1913", found for the West quarter corner of the above-mentioned Section 5;

Thence N 61°17'31" E, 377.15 feet to Engr. Sta. 3+77.15 a point on the East boundary line of the West 1/2 of the aforementioned Section 5 which lies S 81°57'38" W, 2,665.20 feet from a brass cap, stamped "1913", found for the Northeast corner of said Section 5;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 8+44.65 Line "A") for Line "C", a point which lies S 79°39'03" E, 479.06 feet from a brass cap, stamped "1913", found for the Northwest corner of the aforementioned Section 5;

Thence S 00°00'10" E, 46.36 feet to Engr. Sta. 0+46.36, the end of the survey and a point which lies N 10°15'00" E, 2,562.90 feet from a brass cap, stamped "1913", found for the West quarter corner of the aforementioned Section 5.

Said strip of land contains 1.914 acres, more or less, and is allocated by forties as follows:

Lot 4 1.057 Ac. Lot 3 0.857 Ac.



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



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NO.	REVISION	DATE
JOB NO.:	LS140038	
DWG. NO.:	140038RD2	

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: JC

APPROVED BY: LWB

SHEET: 2 OF 4