

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6181 Fax: (505) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1203 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-5400 Fax: (505) 476-5402

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

HOBBS OGD

DEC 03 2014

RECEIVED

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-42305	Pool Code 28432	Pool Name GRAMA RIDGE, 125, WEST
Property Code 313931	Property Name WEST GRAMA RIDGE 7 FEDERAL	Well Number 3H
GRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3507

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	22 S	34 E		330	SOUTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

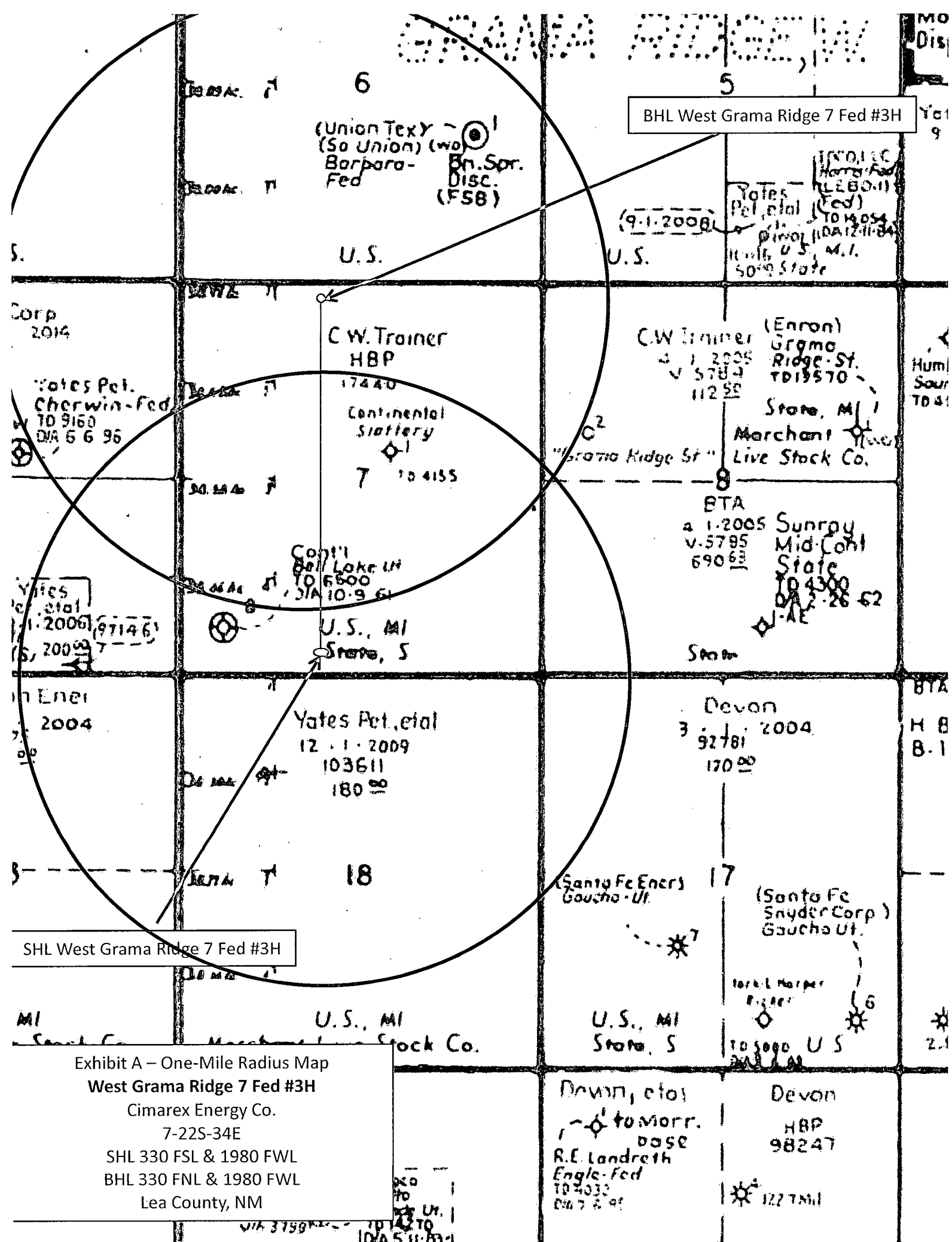
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	22 S	34 E		330	NORTH	1980	WEST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

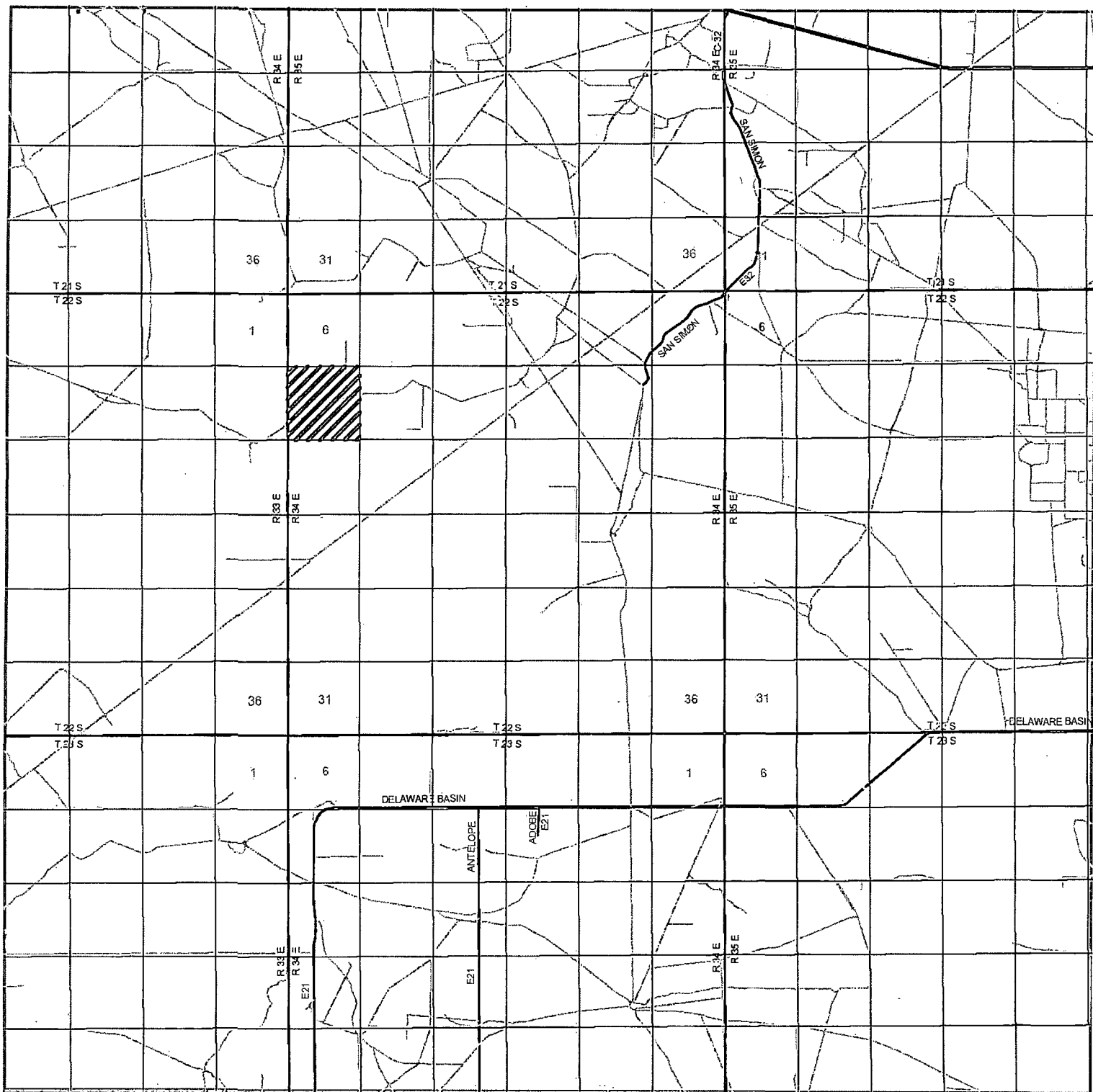
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>N 515119.50 E 793080.46</p> <p>1980'</p> <p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32°24'45.40" Long - W 103°30'40.05" NMSPCE- N 514814.58 E 795062.29 (NAD-83)</p> <p>330'</p> <p>B.H.</p>	<p>N 515152.47 E 795689.07</p>	<p>N 515161.74 E 798319.10</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> 10/17/2013 Signature Date</p> <p>Hope Knauls Printed Name hknauls@cimarex.com Email Address</p>
<p>N 512475.29 E 793099.27</p>	<p>NM016104</p>	<p>N 512521.74 E 798334.47</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><i>GARY L. JONES</i> 10/17/2012 Date Signed Signature & Seal of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
<p>SURFACE LOCATION Lat - N 32°23'59.58" Long - W 103°30'40.05" NMSPCE- N 510183.92 E 795097.92 (NAD-83)</p> <p>1980'</p> <p>3507.7' 3507.7'</p> <p>S.L.</p> <p>330'</p> <p>4631.6'</p>	<p>N 509859.44 E 795710.55</p>	<p>N 509882.81 E 798350.16</p>	

PM

DEC 04 2014





WEST GRAMA RIDGE 7 FEDERAL 3
 Located 330' FSL and 1980' FWL
 Section 7, Township 22 South, Range 34 East,
 N.M.P.M., Lea County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

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

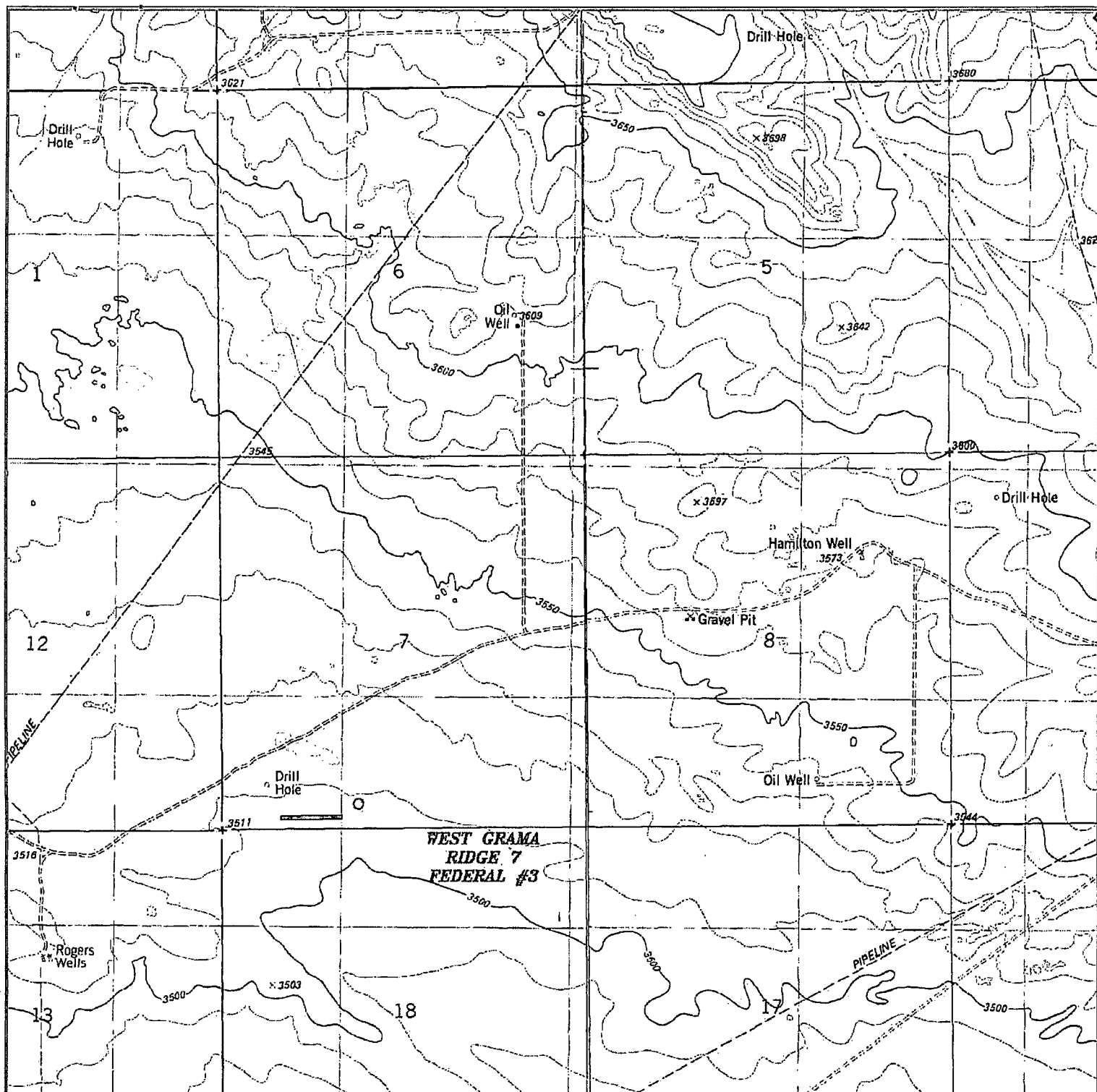
W.O. Number: DAJ 27573

Survey Date: 11-01-2012

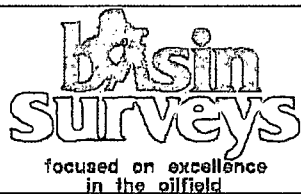
Scale: 1" = 2 Miles

Date: 11-12-2012

CIMAREX
ENERGY CO.



WEST GRAMA RIDGE 7 FEDERAL 3
 Located 330' FSL and 1980' FWL
 Section 7, Township 22 South, Range 34 East,
 N.M.P.M., Lea County, New Mexico.



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W.O. Number: DAJ 27573

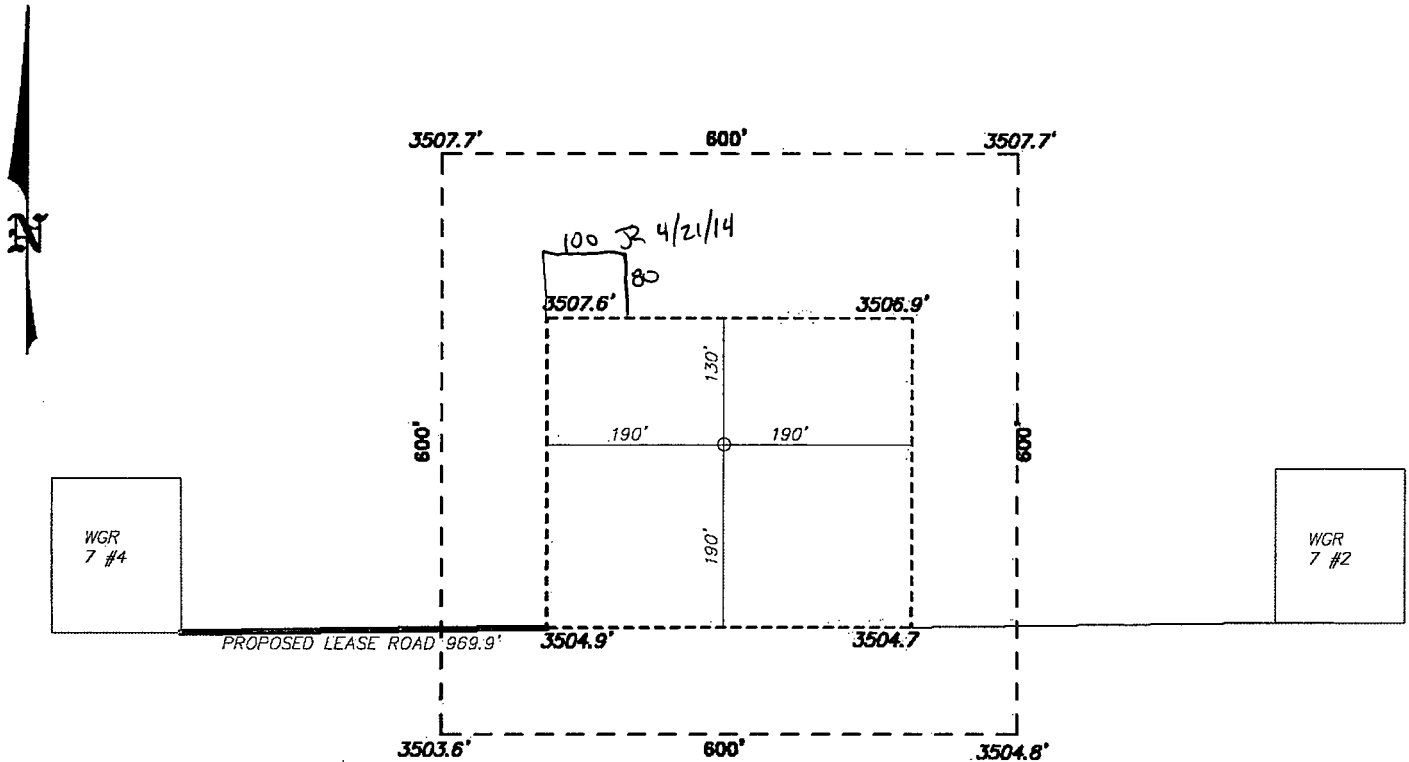
Survey Date: 11-01-2012

Scale: 1" = 2000'

Date: 11-12-2012

**CIMAREX
 ENERGY CO.**

SECTION 7, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



CIMAREX ENERGY CO.
WEST GRAMA RIDGE 7 FEDERAL #3
ELEV. - 3507'
SURFACE LOCATION
Lat - N 32°23'59.58"
Long - W 103°30'40.05"
NMSPOE - N 510183.92
E 795097.92
(NAD-83)

200 0 200 400 FEET
SCALE: 1" = 200'

Directions to Location:

HEADING WEST ON HIGHWAY 176 IN BETWEEN SAN
SIMON AND MILE MARKER 19 TURN SOUTH ON
EXISTING LEASE ROAD, GO 10 MILES TURN SOUTH
GO .1 MILE TO PROPOSED ROAD FOR ALL WEST
GRAMA RIDGE WELLS.

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

W.O. Number: 27573 Drawn By: **D. JONES**

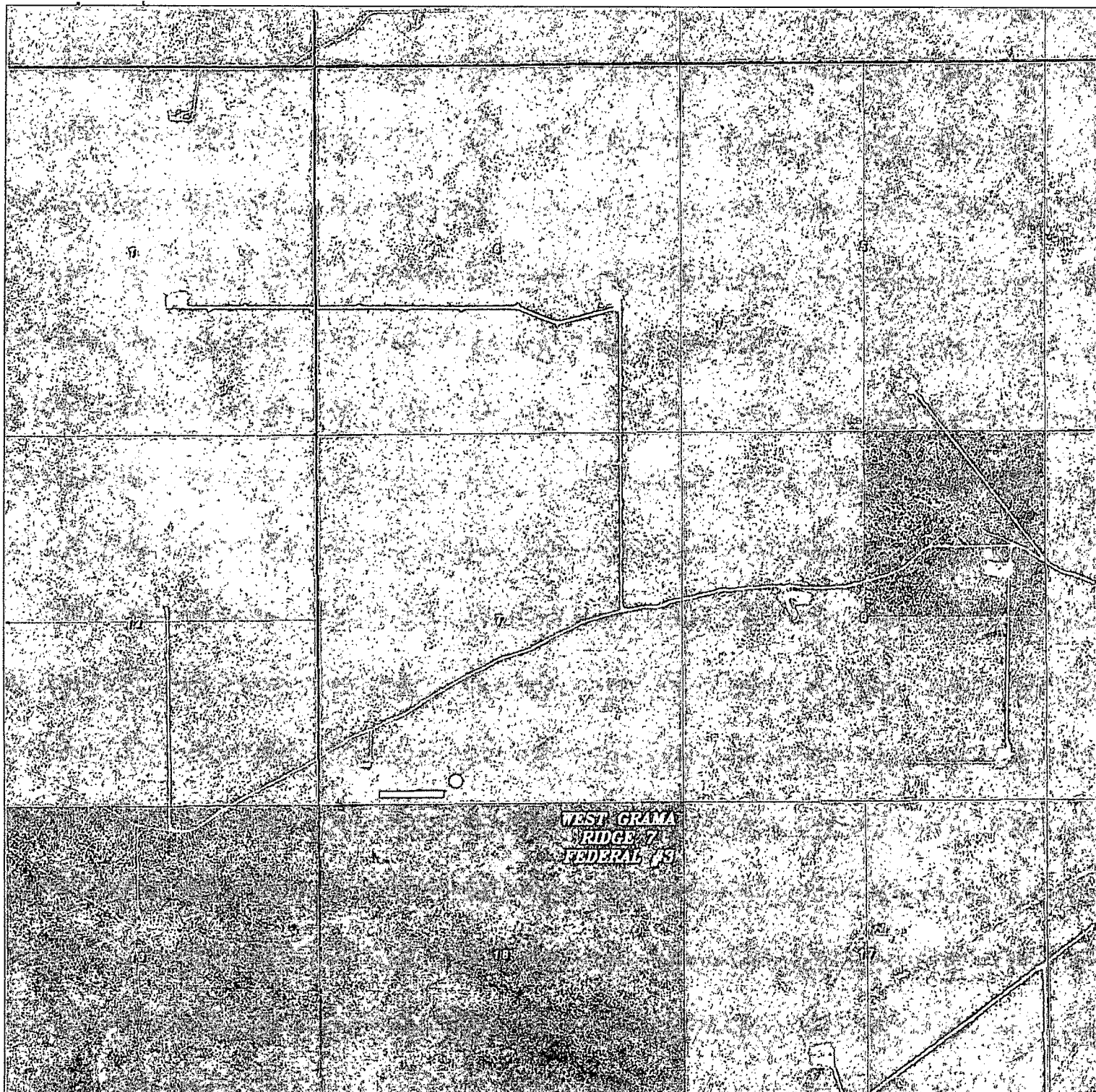
Date: 11-12-2012 Disk: DAJ 27573

CIMAREX ENERGY CO.

REF: WEST GRAMA RIDGE 7 FEDERAL #3 / WELL PAD TOPO

THE WEST GRAMA RIDGE 7 FEDERAL #3 LOCATED 330'
FROM THE SOUTH LINE AND 1980' FROM THE WEST LINE OF
SECTION 7, TOWNSHIP 22 SOUTH, RANGE 34 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

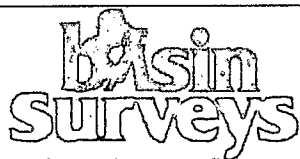
Survey Date: 11-01-2012 Sheet 1 of 1 Sheets



WEST GRAMA RIDGE 7 FEDERAL 3

Located 330' FSL and 1980' FWL

Section 7, Township 22 South, Range 34 East,
N.M.P.M., Lea County, New Mexico.



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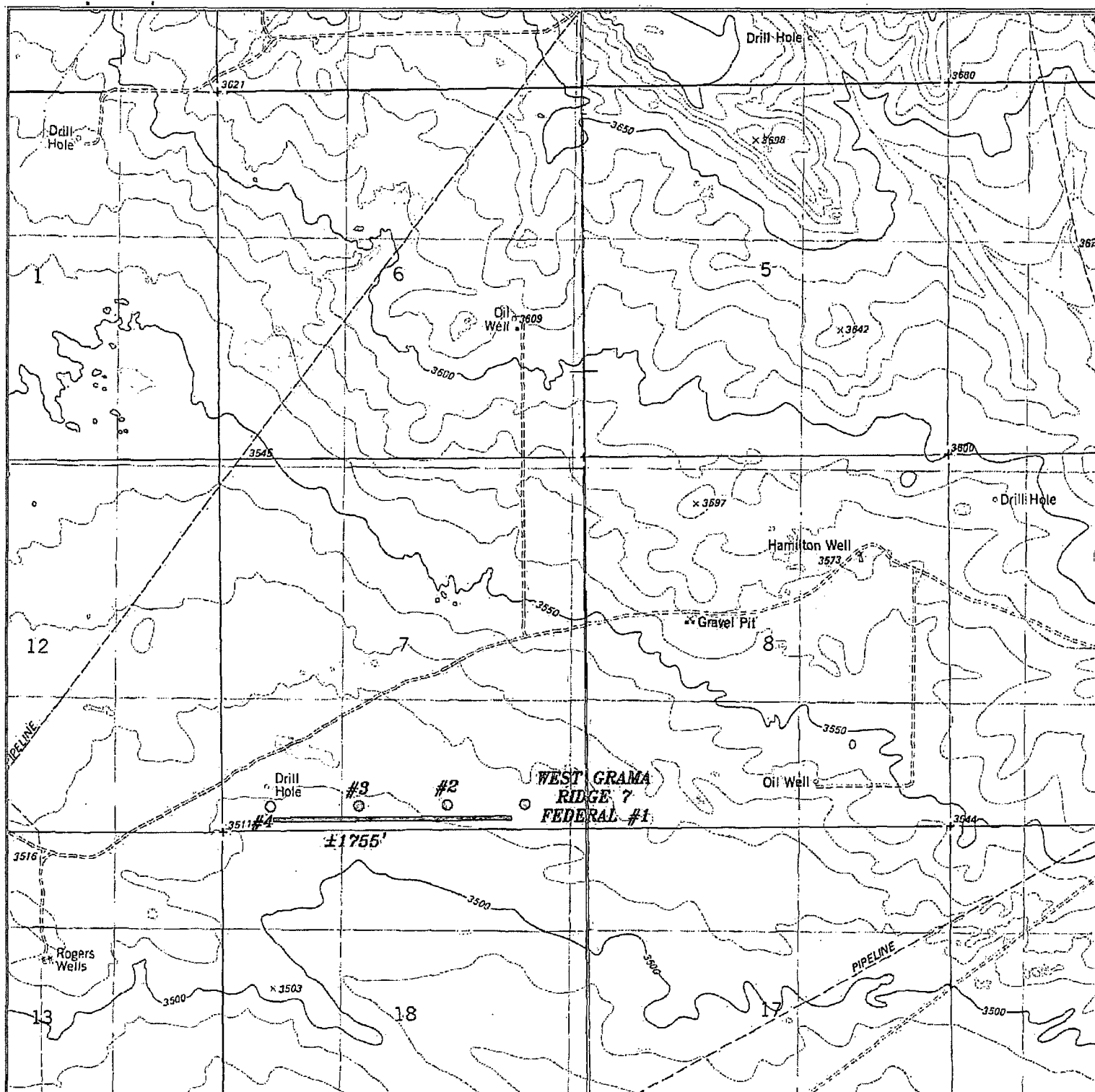
P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: DAJ 27573

Scale: 1" = 2000'

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND

CIMAREX
ENERGY CO.



WEST GRAMA RIDGE 7 FEDERAL #1,2,3,4H
 Section 7, Township 22 South, Range 34 East,
 N.M.P.M., Lea County, New Mexico.

FLOW LINE TO FOLLOW LEASE ROAD AT 3700'

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 Hobbs, New Mexico 88241
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 (575) 392-2206 - Fax
 basin-surveys.com

W.O. Number: DAJ 27571

Survey Date: 11-01-2012

Scale: 1" = 2000'

Date: 11-12-2012

CIMAREX
ENERGY CO.

Exhibit G

Public Access Route
West Grama Ridge 7 Fed #3H

Cimarex Energy Co.

7-22S-34E

SHL 330 FSL & 1980 FWL

BHL 330 FNL & 1980 FWL

Lea County, NM

Directions to Location:

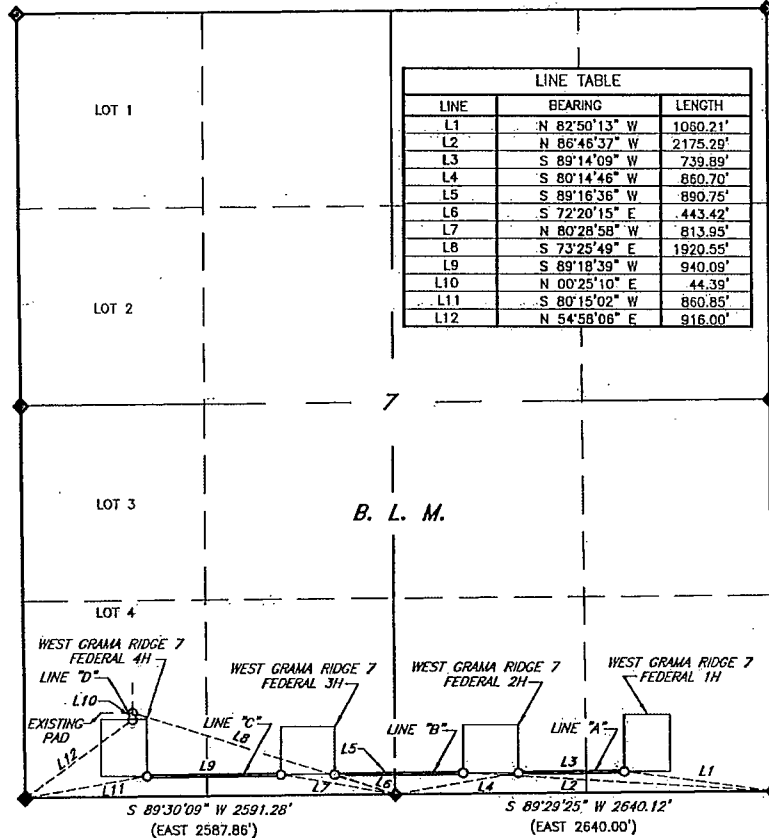
HEADING WEST ON HIGHWAY 176 IN BETWEEN SAN
SIMON AND MILE MARKER 19 TURN SOUTH ON
EXISTING LEASE ROAD, GO 10 MILES TURN SOUTH
GO .1 MILE TO PROPOSED ROAD FOR ALL WEST
GRAMA RIDGE WELLS.

WEST GRAMA RIDGE
7 FEDERAL 4

West Grama Ridge 7 Federal

CIMAREX ENERGY COMPANY

Proposed Road Easement for the
West Grama Ridge 7 Federal 1H, 2H, 3H AND 4H
Section 7, Twp. 22 South, Rge. 34 East,
N. M. P. M., Lea Co., New Mexico



WEST GRAMA RIDGE 7
FEDERAL 4H
LINE "D"

WEST GRAMA RIDGE 7
FEDERAL 3H
LINE "C"

WEST GRAMA RIDGE 7
FEDERAL 2H
LINE "B"

WEST GRAMA RIDGE 7
FEDERAL 1H
LINE "A"

E.O.L. AT WEST GRAMA RIDGE 7
FEDERAL 4H PAD. 0+44.39

BEGIN LINE "D" AT WEST GRAMA
RIDGE 7 FEDERAL 4H PAD 0+00

E.O.L. AT WEST GRAMA RIDGE 7
FEDERAL 4H PAD 9+40.09

BEGIN LINE "C" AT WEST GRAMA
RIDGE 7 FEDERAL 3H PAD 0+00

E.O.L. AT WEST GRAMA RIDGE 7
FEDERAL 3H PAD 8+90.75

BEGIN LINE "B" AT WEST GRAMA
RIDGE 7 FEDERAL 2H PAD 0+00

E.O.L. AT WEST GRAMA RIDGE 7
FEDERAL 2H PAD 7+39.89

BEGIN LINE "A" AT WEST GRAMA
RIDGE 7 FEDERAL 1H PAD 0+00

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
JOB NO.:	LS140031	
DWG. NO.:	140031RD1	

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 2

CIMAREX ENERGY COMPANY

Proposed Road Easement for the West Grama Ridge 7 Federal 1H, 2H, 3H AND 4H Section 7, Twp. 22 South, Rge. 34 East, N. M. P. M., Lea Co., New Mexico

DESCRIPTION

A strip of land 30 feet in width and 2,515.12 feet or 158.492 rods in length situated within Section 7, 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 State of New Mexico land:

Beginning at Engr. Sta. 0+00 for Line "A", a point which lies N 82°50'13" W, 1,060.21 feet from a brass cap, stamped "1913", found for the Southeast corner of the aforementioned Section 7;

Thence S 89°14'09" W, 729.89 feet to Engr. Sta. 7+29.89, the end of the survey and a point from which a brass cap, stamped "1913", found for the South quarter corner of the aforementioned Section 7 bears S 80°14'46" W, 860.70 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 for Line "B", a point which lies N 86°46'37" W, 2,175.29 feet from a brass cap, stamped "1913", found for the Southeast corner of the aforementioned Section 7;

Thence S 89°16'36" W, 890.75 feet to Engr. Sta. 8+90.75, the end of the survey and a point from which a brass cap, stamped "1913", found for the South quarter corner of the aforementioned Section 7 bears S 72°20'15" E, 443.42 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 for Line "C", a point which lies N 80°28'58" W, 813.95 feet from a brass cap, stamped "1913", found for the South quarter corner of the aforementioned Section 7;

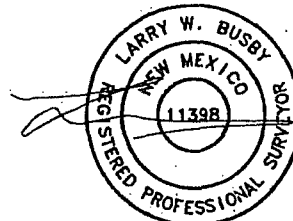
Thence S 89°18'39" W, 940.09 feet to Engr. Sta. 9+40.09, the end of the survey and a point from which a brass cap, stamped "1913", found for the Southwest corner of the aforementioned Section 7 bears S 80°15'02" W, 860.85 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 for Line "D", a point which lies N 54°58'06" E, 916.00 feet from which a brass cap, stamped "1913", found for the Southwest corner of the aforementioned Section 7;

Thence N 00°25'10" E, 44.39 feet to Engr. Sta. 0+44.39, the end of the survey and a point from which a brass cap, stamped "1913", found for the South quarter corner of the aforementioned Section 7 bears S 73°25'49" E, 1,920.55 feet.

Said strip of land containing 1.801 acres, more or less, and is allocated by forties as follow:

SE 1/4 SE 1/4	0.185 Ac.	SW 1/4 SE 1/4	0.647 Ac.
SE 1/4 SW 1/4	0.649 Ac.	Lot 4	0.320 Ac.



Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.:	LS140031	
DWG. NO.:	140031RD2	

Exhibit C-2

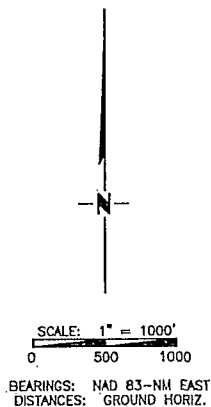
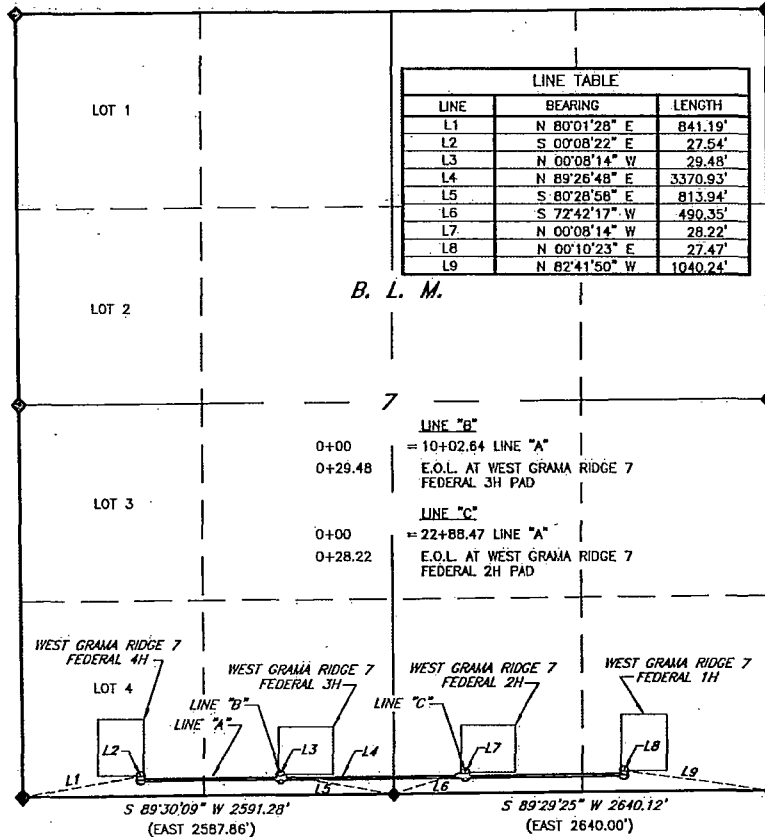
RRC

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 2

CIMAREX ENERGY COMPANY

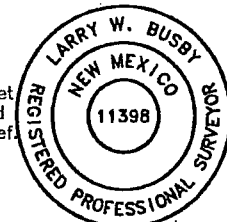
Proposed Pipeline for the
West Grama Ridge 7 Federal 1H, 2H, 3H and 4H
Section 7, Twp. 22 South, Rge. 34 East,
N. M. P. M., Lea Co., New Mexico



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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Exhibit H			RRC	SCALE: 1" = 1000'
NO. REVISION DATE				DATE: 2/19/14
JOB NO.: LS140031				SURVEYED BY: GB/IE
DWG. NO.: 140031PL1				DRAWN BY: JC
308 W. BROADWAY ST., HOBBS, NM. 88240 (575) 984-8200				APPROVED BY: LWB
				SHEET : 1 OF 2

CIMAREX ENERGY COMPANY

Proposed Pipeline for the West Grama Ridge 7 Federal 1H, 2H, 3H and 4H Section 7, Twp. 22 South, Rge. 34 East, N. M. P. M., Lea Co., New Mexico

DESCRIPTION

A strip of land 30 feet in width and 3,483.64 feet or 211.130 rods in length situated within Section 7, 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 State of New Mexico land:

Beginning at Engr. Sta. 0+00 for Line "A", a point which lies N 80°01'28" E, 841.19 feet from a brass cap, stamped "1913", found for the Southwest corner of the aforementioned Section 7;

Thence S 00°08'22" E, 27.54 feet to Engr. Sta. 0+27.54, a P. I. of 90°24'58" left;

Thence N 89°26'48" E, 3,370.93 feet to Engr. Sta. 33+98.47, a P. I. of 89°16'25" left;

Thence N 00°10'23" E, 27.47 feet to Engr. Sta. 34+25.94, the end of the survey and a point which lies N 82°41'50" W, 1,040.24 feet from a brass cap, stamped "1913", found for the Southeast corner of the above-mentioned Section 7;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 10+02.64 Line "A") for Line "B" a point which lies N 85°57'12" E, 1,808.09 feet from a brass cap, stamped "1913", found for the Southwest corner of the aforementioned Section 7;

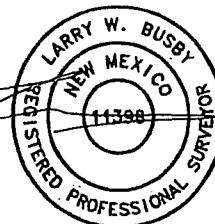
Thence N 00°08'14" E, 29.48 feet to Engr. Sta. 0+29.48, the end of the survey and a point from which a brass cap, stamped "1913", found for the South quarter corner of the aforementioned Section 7 bears S 80°28'58" E, 813.94 feet;

Thence BEGINNING AGAIN at Engr. Sta. 0+00 (= 22+88.47 Line "A") for Line "C" a point which lies N 87°29'10" W 2,143.89 feet from a brass cap, stamped "1913", found for the Southeast corner of the aforementioned Section 7;

Thence N 00°08'14" W, 28.22 feet to Engr. Sta. 0+28.22, the end of the survey and a point from which a brass cap, stamped "1913", found for the South quarter corner of the aforementioned Section 7 bears S 72°42'17" W, 490.35 feet.

Said strip of land contains 2.399 acres, more or less, and is allocated by forties as follows:

SE 1/4 SE 1/4	0.218 Ac.	SW 1/4 SE 1/4	0.929 Ac.
SE 1/4 SW 1/4	0.929 Ac.	Lot 4	0.323 Ac.



Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.:	LS140031	
DWG. NO.:	140031PL2	

Exhibit H

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 864-8200

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