

## DISTRICT I

1825 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) 748-1265 Fax (505) 748-0720

## 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

MAY 19 2015

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office.

## OIL CONSERVATION DIVISION RECEIVED

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-42573	Pool Code 2-8432	Pool Name GRAMA RIDGE, Bone Spring, WEST
Property Code 313931	Property Name WEST GRAMA RIDGE 7 FEDERAL	Well Number 1H
GRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3512

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	22 S	34 E		330	SOUTH	860	EAST	LEA

## Bottom Hole Location If Different From Surface

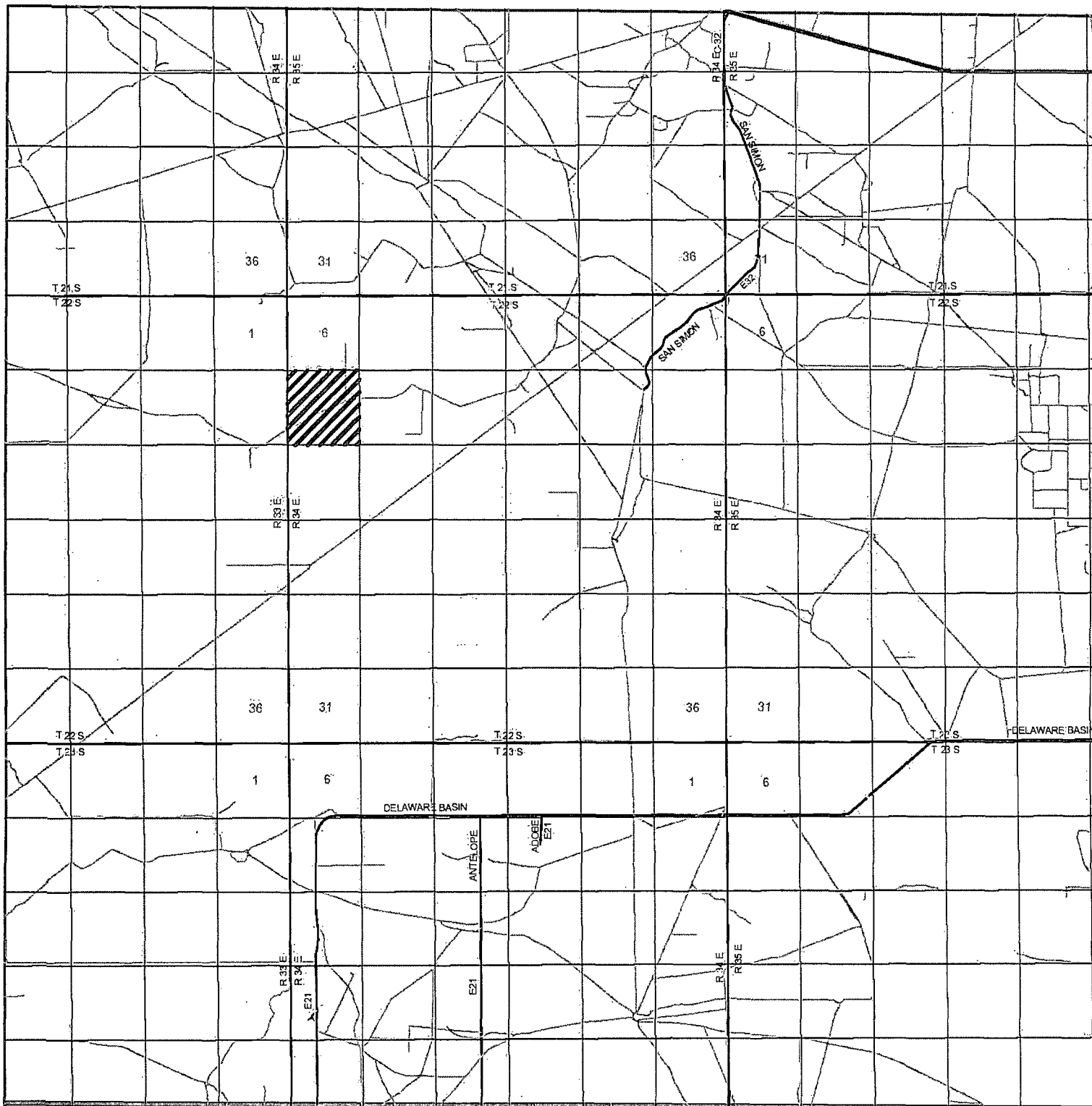
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	22 S	34 E		330	NORTH	660	EAST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

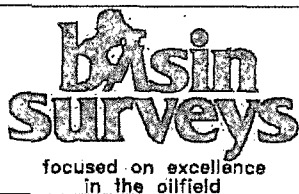
N 515119.50 E 793080.46	N 515152.47 E 795689.07	<p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°24'45.35" Long - W 103°30'09.73" NMSPC - N 514829.48 E 797661.14 (NAD-83)</p>	N 515161.74 E 798319.10 B.H.	<p><b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true 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>
N 512475.29 E 793099.27	N 512521.74 E 798334.47		<p><b>SURVEYOR CERTIFICATION</b> 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: OCTOBER 30, 2012 SIGNATURE: [Signature] SEAL OF PROFESSIONAL SURVEYOR</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>	
N 509836.69 E 793121.15	N 509859.44 E 795710.55	<p><b>SURFACE LOCATION</b> Lat - N 32°23'59.61" Long - W 103°30'12.17" NMSPC - N 510205.01 E 797488.46 (NAD-83)</p>	<p>3516.7' 3518.5' 3510.9' 3508.9' 330' 860'</p>	

MAY 19 2015





WEST GRAMA RIDGE 7 FEDERAL #1H  
 Located 330' FSL and 860' FEL  
 Section 7, 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

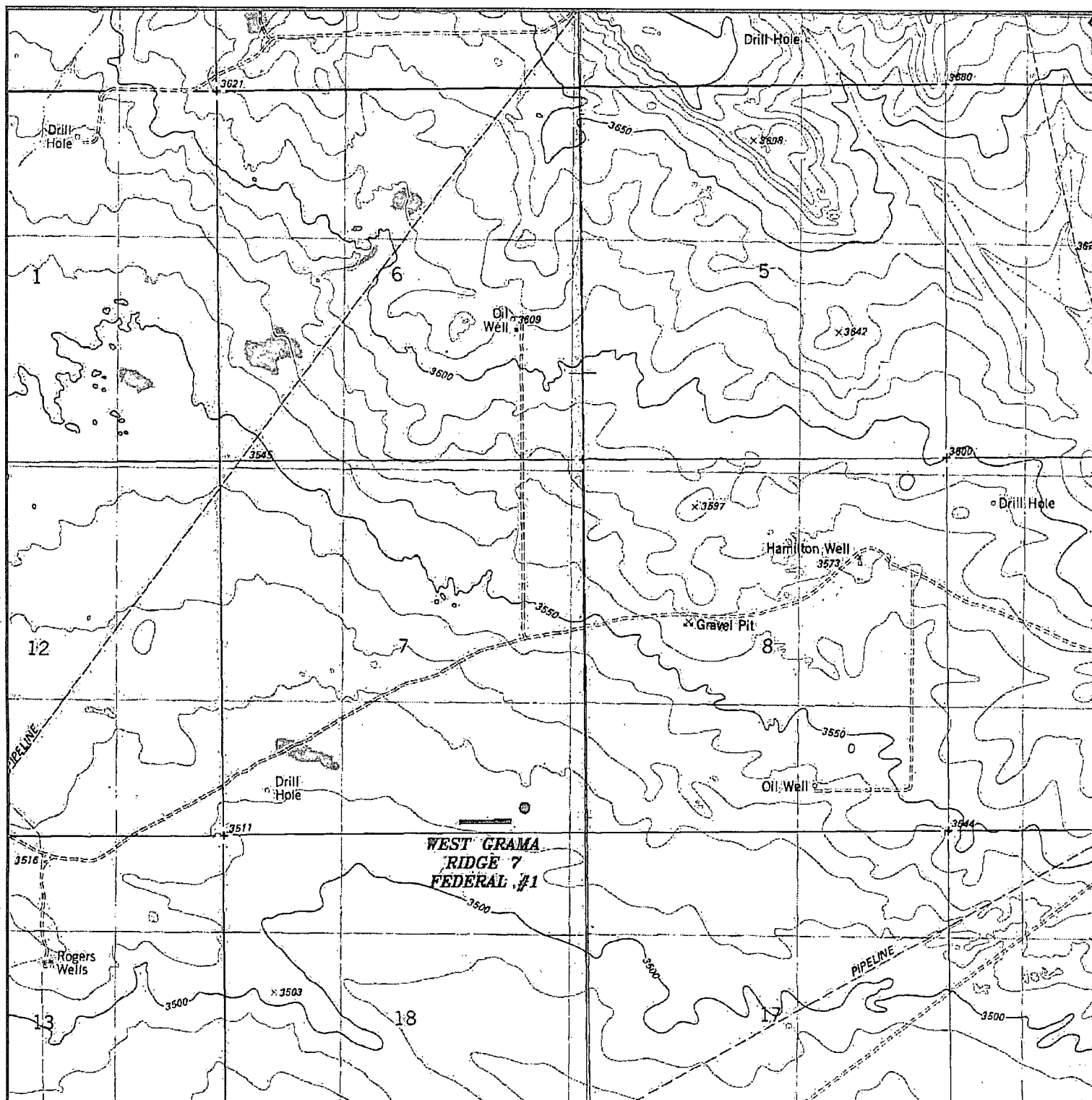
W.O. Number: DAJ 27571

Survey Date: 11-01-2012

Scale: 1" = 2 Miles

Date: 11-12-2012

CIMAREX  
 ENERGY CO.



**WEST GRAMA RIDGE 7 FEDERAL #1H**  
 Located 330' FSL and 860' FEL  
 Section 7, Township 22 South, Range 34 East,  
 N.M.P.M., Lea County, New Mexico.

**basin**  
**surveys**

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 in the oilfield.

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W.O. Number: DAJ 27571

Survey Date: 11-01-2012

Scale: 1" = 2000'

Date: 11-12-2012

**CIMAREX**  
**ENERGY CO.**

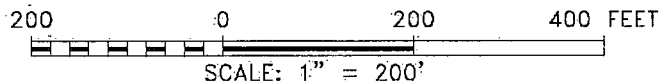
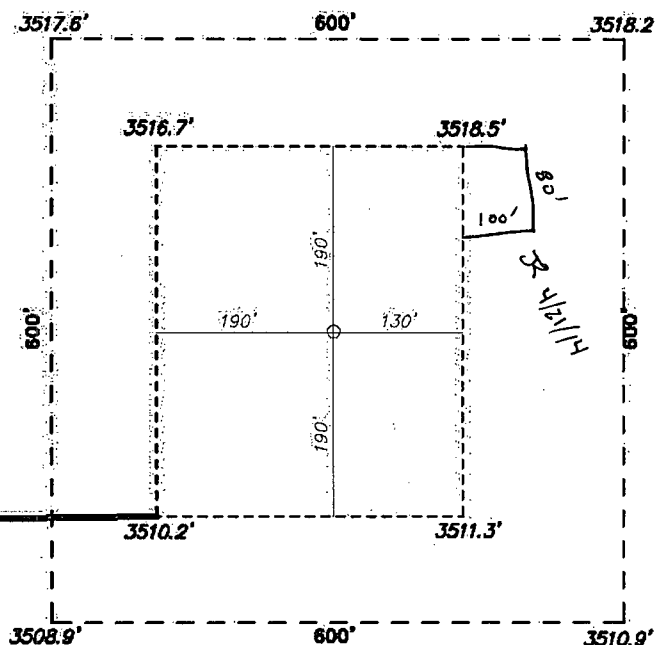
SECTION 7, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



CIMAREX ENERGY CO.  
WEST GRAMA RIDGE 7 FEDERAL #1  
ELEV. - 3512'  
SURFACE LOCATION  
Lat. - N 32°23'59.61"  
Long. - W 103°30'12.17"  
NMSBCE - N 510205.01  
E 797488.46  
(NAD-83)

WEST GRAMA  
RIDGE 7 #2

PROPOSED LEASE ROAD 739.9'



Directions to Location:

HEADING WEST ON HIGHWAY 176 IN BETWEEN SAN  
SIMON AND MILE MARKER 1.9 TURN SOUTH ON  
EXISTING LEASE ROAD, GO 10 MILES TURN SOUTH  
GO .1 MILE TO PROPOSED ROAD FOR ALL WEST  
GRAMA RIDGE WELLS.

**CIMAREX ENERGY CO.**

REF: WEST GRAMA RIDGE 7 FEDERAL #1 / WELL PAD TOPO

THE WEST GRAMA RIDGE 7 FEDERAL #1 LOCATED 330'  
FROM THE SOUTH LINE AND 860' FROM THE EAST LINE OF  
SECTION 7, 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: 27571

Drawn By: D. JONES

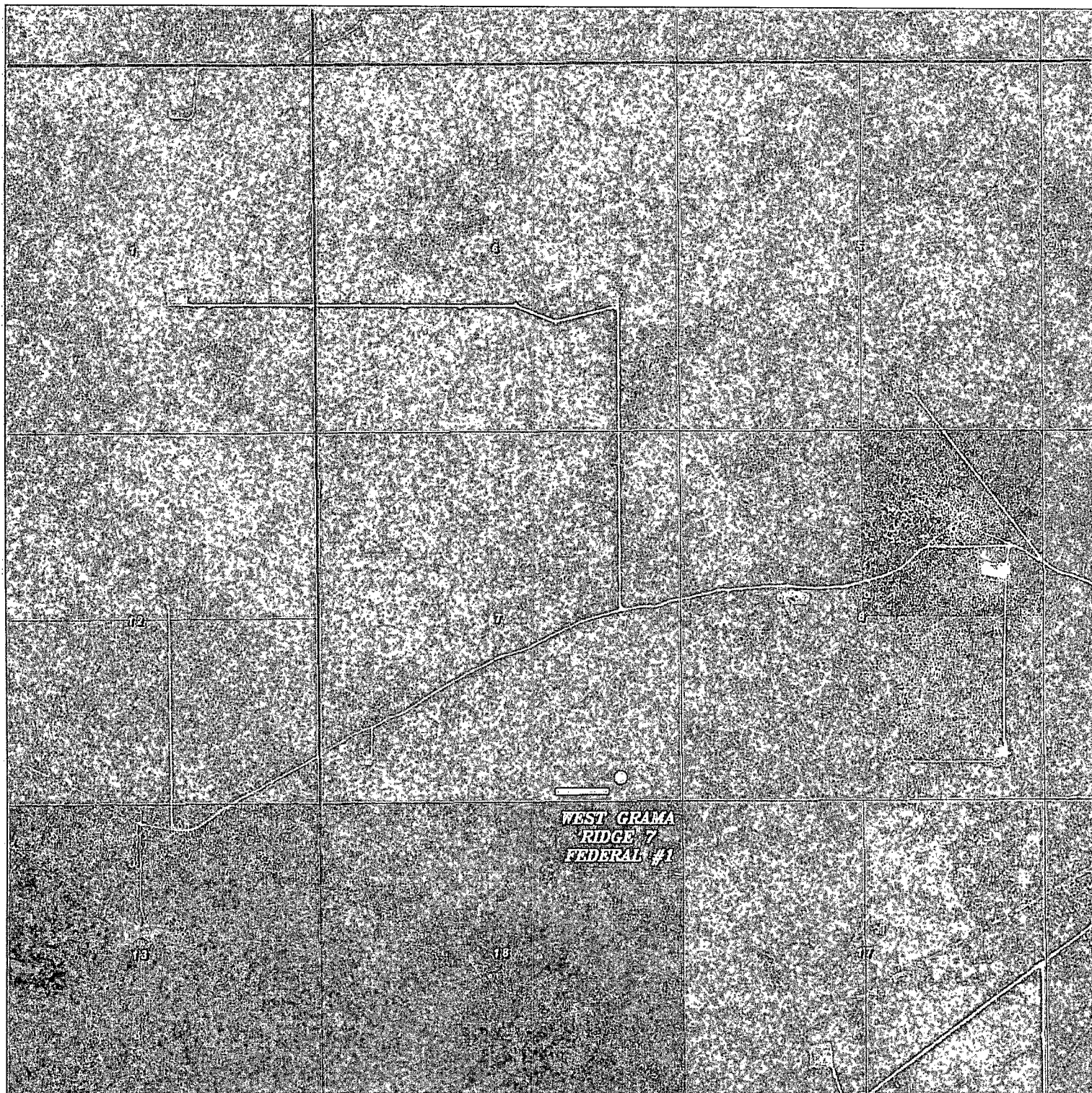
Date: 11-12-2012

Disk: DAJ 27571

Survey Date: 11-01-2012

Sheet 1 of 1 Sheets





WEST GRAMA RIDGE 7 FEDERAL #1 H  
Located 330' FSL and 860' FEL  
Section 7, Township 22 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.



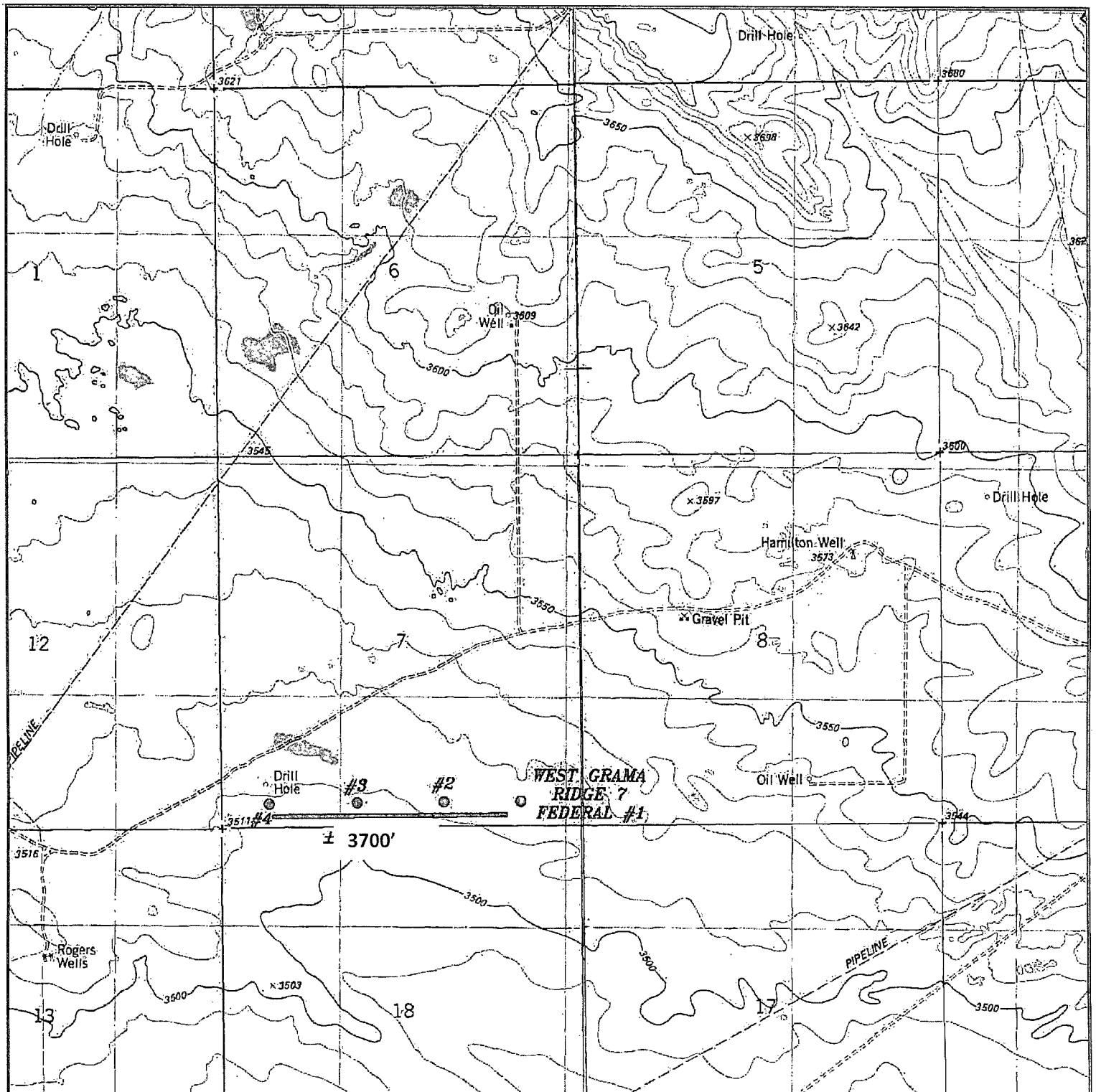
P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

W.O. Number: DAJ 27571

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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W.O. Number: DAJ 27571

Survey Date: 11-01-2012

Scale: 1" = 2000'

Date: 11-12-2012

**CIMAREX**  
**ENERGY CO.**

**Public Access Route**  
**West Grama Ridge 7 Fed #1H**  
Cimarex Energy Co.  
7-22S-34E  
SHL 330 FSL & 860 FEL  
BHL 330 FNL & 660 FEL  
Lea County, NM

**Directions to Location:**

HEADING WEST ON HIGHWAY 178 IN BETWEEN SAN  
SIMON AND MILE MARKER 18 TURN SOUTH ON  
EXISTING LEASE ROAD, GO 10 MILES TURN SOUTH  
GO .1 MILE TO PROPOSED ROAD FOR ALL WEST  
GRAMA RIDGE WELLS.

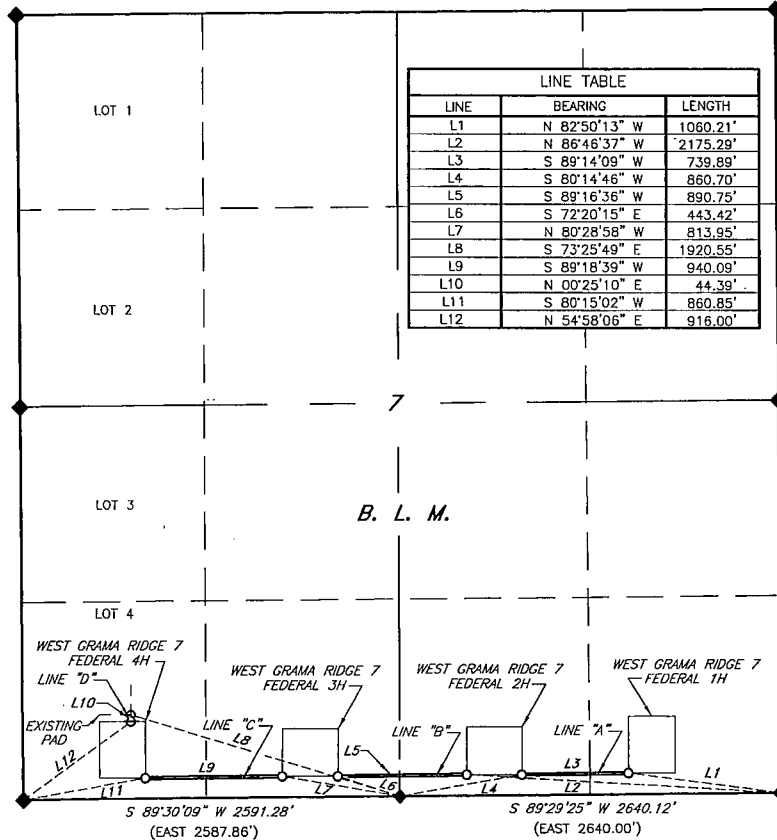
WEST GRAMA RIDGE  
7-6 FEDERAL 4

W. 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



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	

# 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 2,615.12 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;

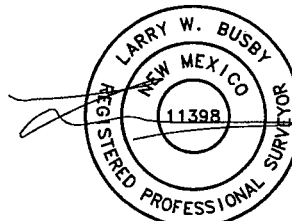
Thence S 89°18'39" W, 940.09 feet to Engr. Sta. 9+40.09, the end of the survey and a point from which a brass cap, stamped "1913", found for the Southwest corner of the aforementioned Section 7 bears S 80°15'02" W, 860.85 feet;

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	

# 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