

FRIC I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised July 16, 2010

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- <b>41881</b>	Pool Code <b>50461</b>	Pool Name <b>QUAIL RIDGE; BS, SOUTH</b>
Property Code <b>38777</b>	Property Name <b>CHAPARRAL "33" FEDERAL COM</b>	Well Number <b>6H</b>
OGRID No. <b>162683</b>	Operator Name <b>CIMAREX ENERGY CO. OF COLORADO</b>	Elevation <b>3682'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>33</b>	<b>19 S</b>	<b>34 E</b>		<b>330</b>	<b>NORTH</b>	<b>660</b>	<b>WEST</b>	<b>LEA</b>

**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
<b>M</b>	<b>33</b>	<b>19 S</b>	<b>34 E</b>		<b>330</b>	<b>SOUTH</b>	<b>660</b>	<b>WEST</b>	<b>LEA</b>

Dedicated Acres <b>160</b>	Joint or Infill	Consolidation Code	Order No.
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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><b>SURFACE LOCATION</b> Lat - N 32°37'23.029" Long - W 103°34'18.101" NMSPCE- N 591241.6 E 775828.8 (NAD-83)</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°36'37.956" Long - W 103°34'17.806" NMSPCE- N 585616.00 E 775887.12 (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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>Paula Brunson</i> 9/13/2013 Signature Date</p> <p><b>Paula Brunson</b> Printed Name</p> <p><b>pbrunson@cimarex.com</b> Email Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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 Signature &amp; Seal of Professional Surveyor</p> <p>Certificate No. <b>Gary L. Jones 7977</b></p> <p><b>BASIN SURVEYS 23392</b></p>
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JUN 02 2014

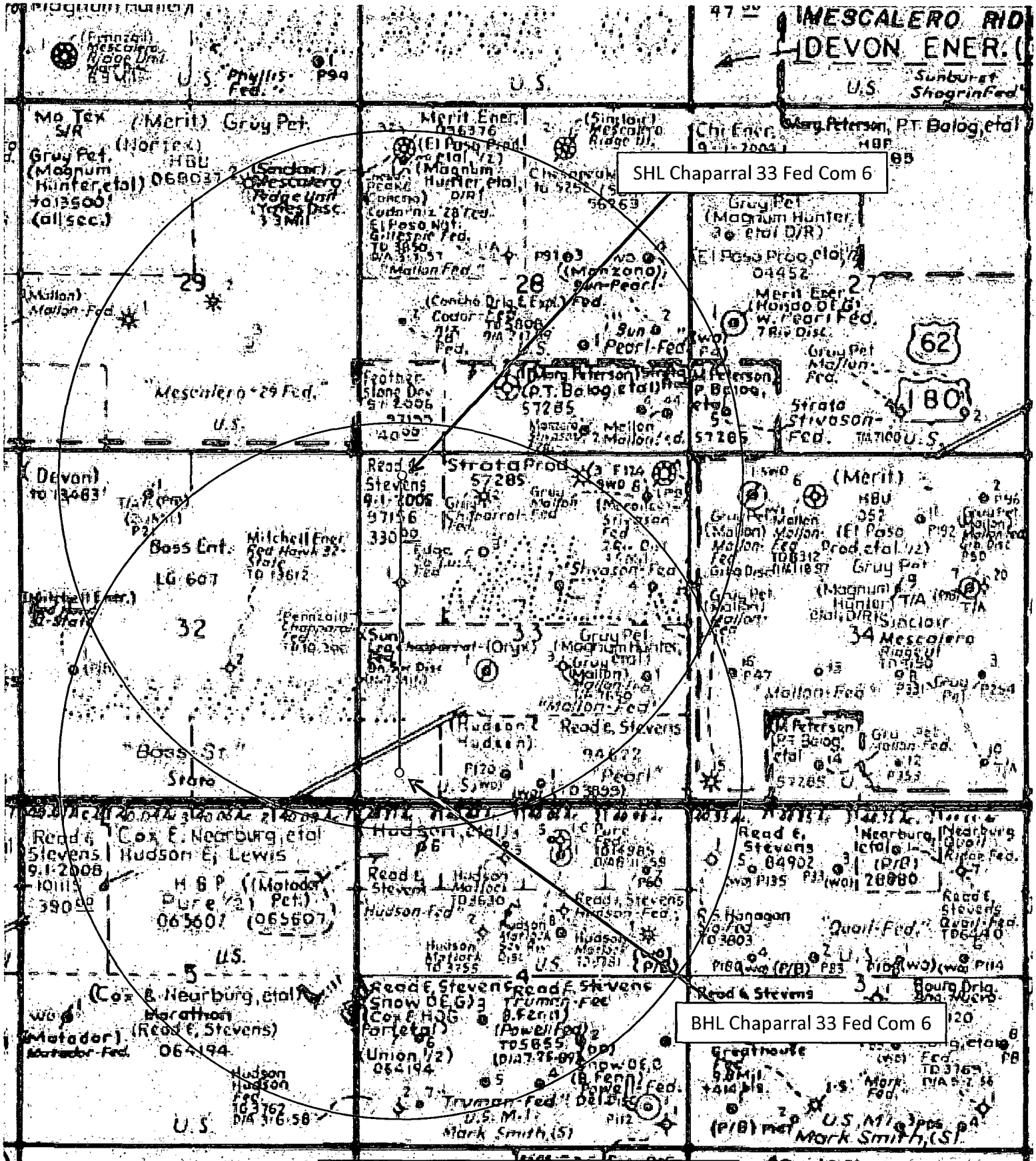
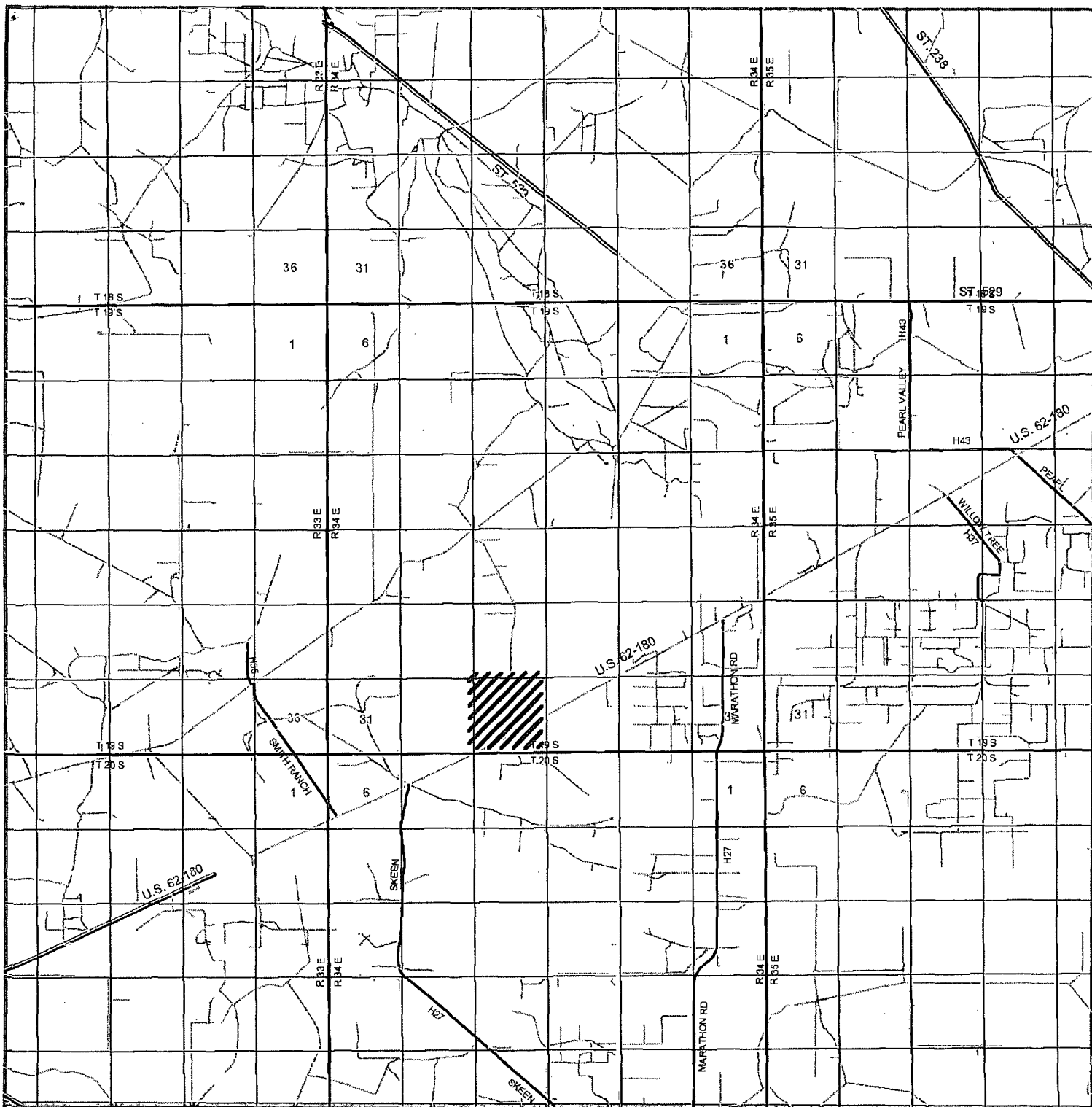
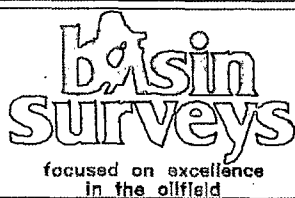


Exhibit A – One-Mile Radius Map  
 Chaparral 33 Federal Com 6  
 Cimarex Energy Co. of Colorado  
 33-19S-34E  
 SHL 330 FNL & 660 FWL  
 BHL 330 FSL & 660 FWL  
 Lea County, NM



**CHAPARRAL "33" FEDERAL COM #6**  
 Located 330 FNL and 660' FWL  
 Section 33, Township 19 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](http://basinsurveys.com)

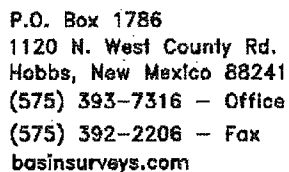
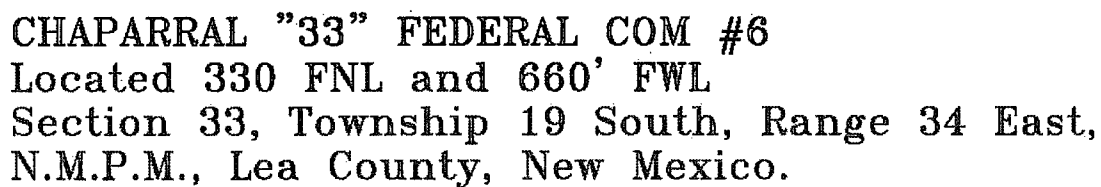
W.O. Number: BJN 23392

Survey Date: 09-24-2010

Scale: 1" = 2 Miles

Date: 09-29-2010

**CIMAREX**  
**ENERGY CO.**  
**OF COLORADO**

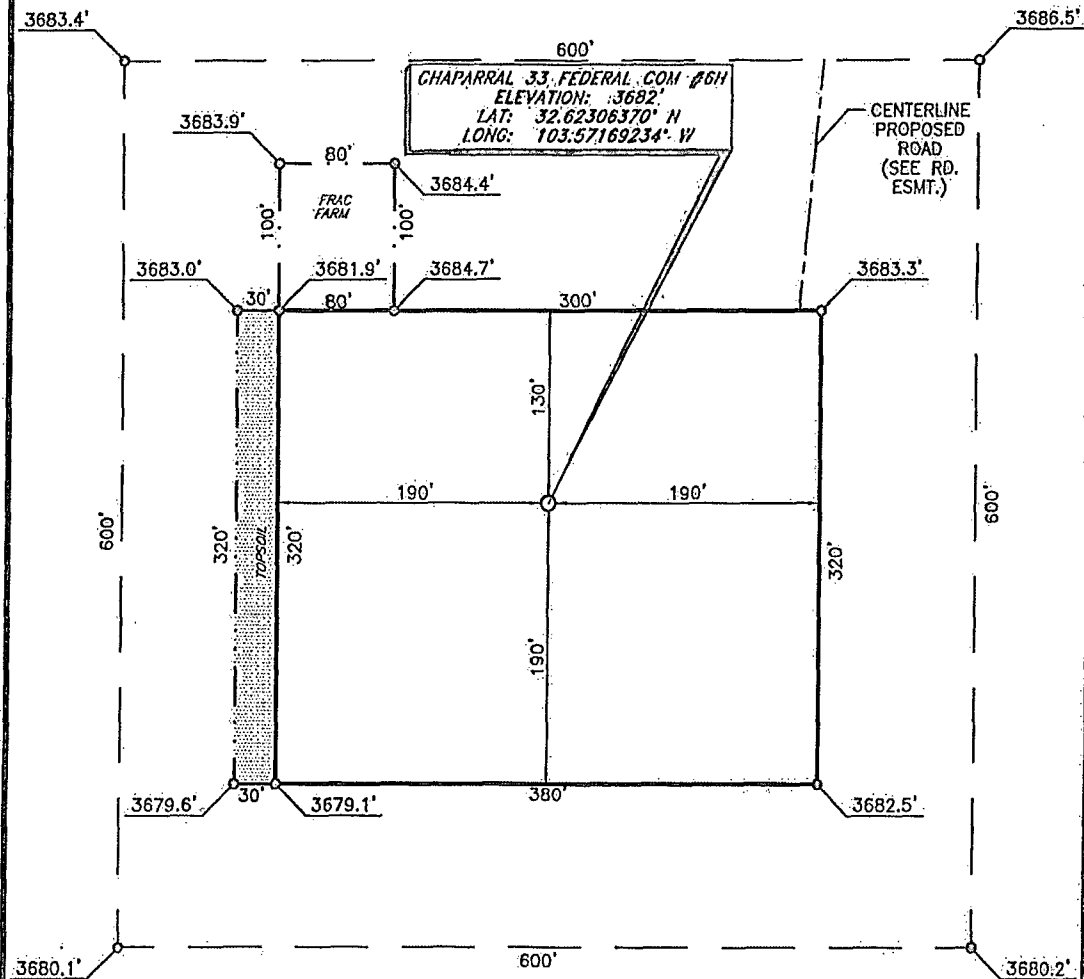


Date: 09-29-2010

CIMAREX  
ENERGY CO.  
OF COLORADO

# CIMAREX ENERGY COMPANY

Chaparral 33 Federal Com #6H  
(330' FNL & 660' FWL)  
Section 33, T-19-S, R-34-E,  
N. M. P. M., Lea Co., New Mexico



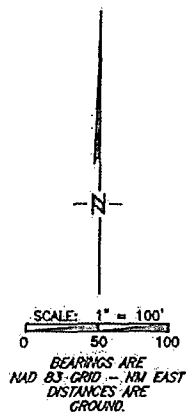
## DIRECTIONS TO LOCATION

From the intersection of U. S. Highway 62/180 and Skeen road, go Northeast on U. S. Highway 62/180 approx. 1.5 miles to a lease road;

Turn left on lease road and go North approx. 0.6 mile to a lease road;

Turn left and go West approx. 0.1 mile to the Chaparral 33 Fed #2 and beginning of proposed road;

Continue North and follow proposed road North and then West approx. 0.3 mile to the East corner of pad for this location.



Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.: LS140042		
DWG. NO.: 140042PAD		

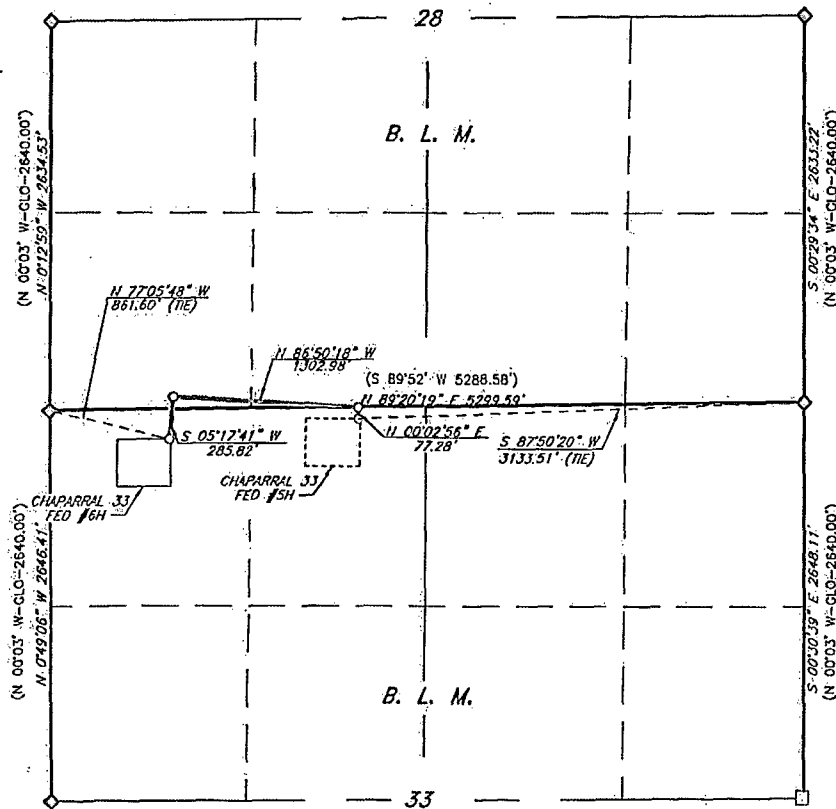
# RRC

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

SCALE: 1" = 100'
DATE: 1-31-14
SURVEYED BY: GB
DRAWN BY: JF
APPROVED BY: LWB
SHEET: 1 OF 1

Exhibit D-2

**CIMAREX ENERGY COMPANY**  
**PROPOSED ACCESS ROAD EASEMENT FOR THE CHAPARRAL**  
**33 FED COM #6H**  
**Section 28 and 33, T-19-S, R-34-E,**  
**N. M. P. M., Lea Co., New Mexico**



END ROAD AT CHAPARRAL 33  
 P.L. 87°52'01\"

SECTION LINE  
 P.L. 87°52'01\"

SCALE: 1" = 1000'  
 0 500 1000

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

**LEGEND**

- ( ) RECORD DATA
- ◆ FOUND BRASS CAP "1912"
- CALCULATED CORNER
- PROPOSED ROAD

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 4555451

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NO.	REVISION	DATE
JOB NO.:	LS140042	
DWG. NO.:	140042RD	

RRC

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

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

Exhibit C-2

**CIMAREX ENERGY COMPANY**  
**PROPOSED ACCESS ROAD EASEMENT FOR THE CHAPARRAL**  
**33 FED COM #6H**

Section 28 and 33, T-19-S, R-34-E,  
 N. M. P. M., Lea Co., New Mexico

DESCRIPTION

A strip of land 30 feet in width and 1,666.08 or 100.974 rods in length situated within Sections 28 and 33, Township 19 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. lands:

BEGINNING at Engr. Sta. 0+00, a point which lies S 87°50'20" W, 3,133.51 feet from a brass cap, stamped "1912" found for the common East corner of the aforementioned Sections 28 and 33;

Thence N 00°02'56" E, 77.28 feet to Engr. Sta. 0+77.28, a P. I. of 86°53'14" left;

Thence N 86°50'18" W, passing the common boundary line of the aforementioned Sections 28 and 33 at 71.13 feet and continuing for a total distance of 1302.98 feet to Engr. Sta. 13+80.26, a P. I. 87°52'01" left;

Thence S 05°17'41" W, passing the common boundary line of aforementioned Sections 28 and 33 at 82.64 feet and continuing for a total distance of 285.82 feet to Engr. Sta. 16+66.08, the End of the Survey, from which a brass cap, stamped "1912", found for the common West corner of the aforementioned Sections 28 and 33 bears N 77°05'48" W, 861.60 feet.

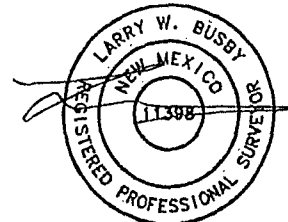
Strip of land contains 1.147 acres, more or less, and is allocated by forties as follows:

SECTION 28

SE1/4 SW1/4 0.533 Ac. SW1/4 SW1/4 0.372 Ac.

SECTION 33

NE1/4 NW1/4 0.102 Ac. NW1/4 NW1/4 0.140 Ac.



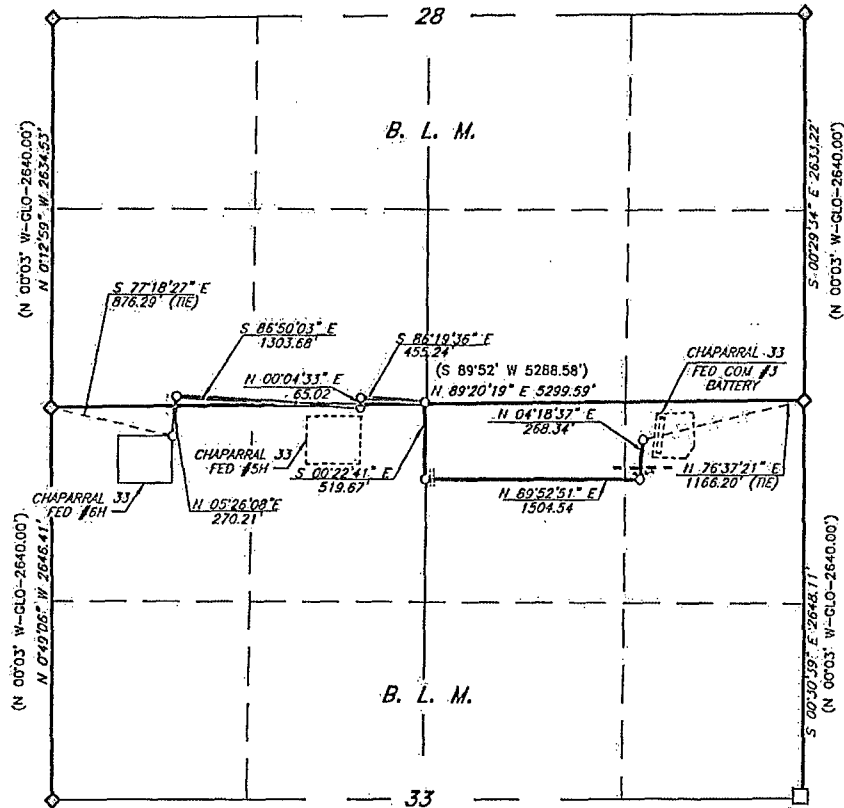
Firm No.: TX 10193838 NM 4655451

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			SCALE: 1" = 1000' DATE: 2-3-14 SURVEYED BY: GB DRAWN BY: JF APPROVED BY: LWB SHEET : 2 OF 2
NO.	REVISION	DATE	
JOB NO.: LS140042			
DWG. NO.: 140042RD			

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

**CIMAREX ENERGY COMPANY**  
**PROPOSED GAS LIFT FROM THE CHAPARRAL 33 FED COM #6H**  
**TO CHAPARRAL 33 FED COM #3 BATTERY**  
 Section 28 and 33, T-19-S, R-34-E,  
 N. M. P. M., Lea Co., New Mexico



BEGIN AT CHAPARRAL  
 33 FED COM #6H  
 SECTION LINE  
 P.I. 87°43'49" RT.  
 0+00  
 2+03.55  
 2+70.21

SECTION LINE  
 P.I. 93°05'24" LT.  
 SECTION LINE  
 P.I. 93°35'51" RT.  
 P.I. 85°56'55" RT.  
 SECTION LINE  
 P.I. 89°44'28" LT.  
 LEASE ROAD  
 12+63.34  
 15+73.89  
 15+94.60  
 18+38.91  
 20+94.15  
 21+04.02  
 26+13.82  
 26+65.53

P.I. 85°34'14" LT.  
 BPL CIMAREX  
 LEASE ROAD  
 E.O.L. AT CHAPARRAL  
 FED COM #3 BATTERY  
 41+18.36  
 41+58.68  
 41+59.45  
 43+86.70

SCALE: 1" = 1000'  
 0 500 1000

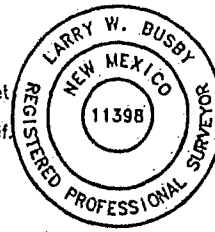
BEARINGS: NAD 83-NM EAST  
 DISTANCES: GROUND HORIZ.

**LEGEND**

- ( ) RECORD DATA
- ◇ FOUND BRASS CAP "1912"
- CALCULATED CORNER

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 10193038 NM 4655451

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NO.	REVISION	DATE
JOB NO.:	LS140042	
DWG. NO.:	140042GLL	

**RRC**

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

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

Exhibit G



**CIMAREX ENERGY COMPANY**  
**PROPOSED GAS LIFT FROM THE CHAPARRAL 33 FED COM #6H**  
**TO CHAPARRAL 33 FED COM #3 BATTERY**  
**Section 28 and 33, T-19-S, R-34-E,**  
**N. M. P. M., Lea Co., New Mexico**

**DESCRIPTION**

A strip of land 30 feet in width and 4,386.70 feet or 265.861 rods in length situated in Sections 28 and 33, Township 19 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. 0+00, a point which lies S 77°18'27" E, 876.29 feet from a brass cap, stamped "1912", found for the common West corner of the aforementioned Sections 28 and 33;

Thence N 05°26'08" E, passing at 203.55 feet the common boundary line of the aforementioned Sections 28 and 33 and continuing for a total distance of 270.21 feet to Engr. Sta. 2+70.21, a P. I. of 87°43'49" right;

Thence S 86°50'03" E, passing at 993.13 feet the common boundary line of the aforementioned Sections 28 and 33 and continuing for a total distance of 1,303.68 feet to Engr. Sta. 15+73.89, a P. I. of 93°05'24" left;

Thence N 00°04'33" E, passing at 20.71 feet the common boundary line of the aforementioned Sections 28 and 33 and continuing for a total distance of 65.02 feet to Engr. Sta. 16+38.91, a P. I. of 98°35'51" right;

Thence S 86°19'36" E, 455.24 feet to Engr. Sta. 20+94.14, a P. I. of 89°56'55" right;

Thence S 00°22'41" E, passing at 9.87 feet the common boundary line of the aforementioned Sections 28 and 33 and continuing for a total distance of 519.67 feet to Engr. Sta. 26+13.82, a P. I. of 85°56'55" left;

Thence N 89°52'51" E, 1,504.54 feet to Engr. Sta. 41+18.36, a P. I. of 85°34'14" left;

Thence N 04°18'37" E, 268.34 feet to Engr. Sta. 43+86.70, the End of Survey and a point from which a brass cap, stamped "1912", found for the common East corner of the above-mentioned Sections 28 and 33 bears N 76°37'21" E, 1,166.20 feet;

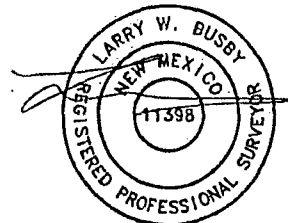
Said strip of land contains 3.021 acres, more or less, and is allocated by forties as follows:

Section 28

SW 1/4 SW 1/4	0.352 Ac.	SE 1/4 SW 1/4	0.729 Ac.
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Section 33

NW 1/4 NW 1/4	0.140 Ac.	NE 1/4 NW 1/4	0.590 Ac.
NW 1/4 NE 1/4	0.912 Ac.	NE 1/4 NE 1/4	0.298 Ac.



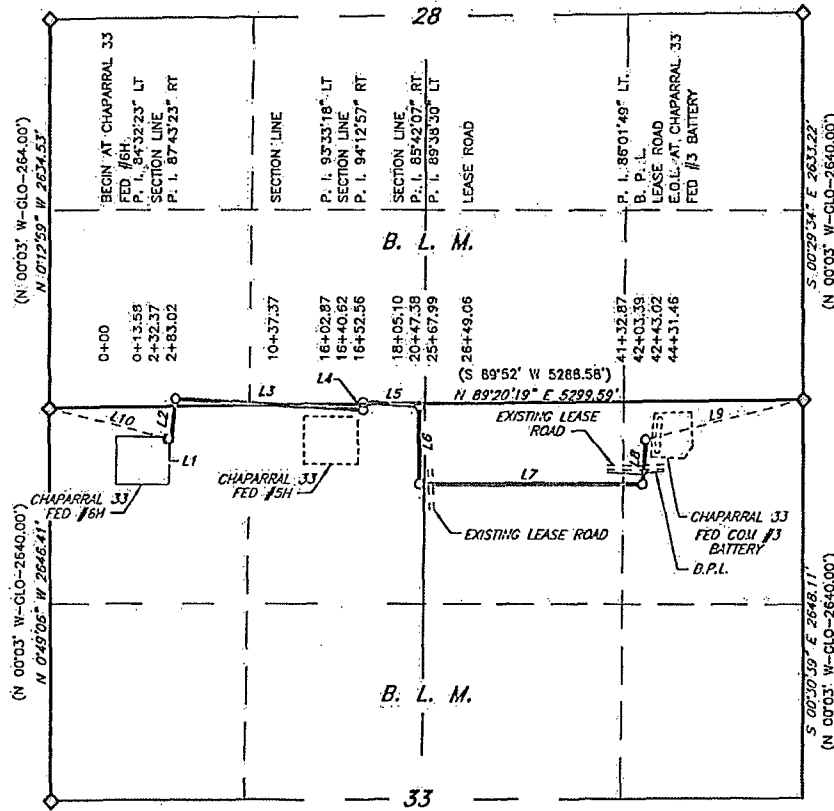
Firm No.: TX 10193838 NM 4655451

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			SCALE: 1" = 1000' DATE: 2-3-14 SURVEYED BY: GB DRAWN BY: JF APPROVED BY: LWB SHEET : 2 OF 2
NO.	REVISION	DATE	
JOB NO.: LS140042			
DWG. NO.: 140042GEL			
308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200			

# CIMAREX ENERGY COMPANY

## PROPOSED CENTER LINE ELECTRIC EASEMENT FROM THE CHAPARRAL 33 FED #6H TO THE CHAPARRAL 33 FED COM #3 BATTERY Section 28 and 33, T-19-S, R-34-E, N. M. P. M., Lea Co., New Mexico



LINE TABLE		
LINE	BEARING	LENGTH
L1	N 89°58'59" E	13.58'
L2	N 05°26'36" E	269.44'
L3	S 86°50'01" E	1319.85'
L4	N 00°23'19" W	49.69'
L5	S 86°10'22" E	394.82'
L6	S 00°28'15" E	520.61'
L7	N 89°53'15" E	1564.88'
L8	N 03°51'26" E	298.59'
L9	N 76°16'45" E	1136.92'
L10	N 76°21'16" W	879.76'

SCALE: 1" = 1000'  
0 500 1000

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

### LEGEND

- ( ) RECORD DATA
- ◆ FOUND BRASS CAP "1912"
- BURIED PIPELINE
- PROPOSED ELECTRIC LINE

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.: LS140042		
DWG. NO.: 140042EL1		

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 064-8200



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

Exhibit H

# CIMAREX ENERGY COMPANY

## PROPOSED CENTER LINE ELECTRIC EASEMENT FROM THE CHAPARRAL 33 FED #6H TO THE CHAPARRAL 33 FED COM #3 BATTERY Section 28 and 33, T-19-S, R-34-E, N. M. P. M., Lea Co., New Mexico

### DESCRIPTION

A strip of land 30 feet in width and 4,431.46 feet or 268.573 rods in length situated in Sections 28 and 33, Township 19 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 from which a brass cap, stamped "1912", found for the common West corner of the aforementioned Sections 28 and 33 bears N 76°21'16" W, 879.76 feet;

Thence N 89°58'59" E, 13.58 feet to Engr. Sta. 0+13.58, a P. I. of 84°32'23" left;

Thence N 05°26'36" E, passing the common boundary line of the above-mentioned Sections 28 and 33 at 218.79 feet and continuing for a total distance of 269.44 feet to Engr. Sta. 2+83.02, a P. I. of 87°43'23" right;

Thence S 86°50'01" E, passing the common boundary line of the above-mentioned Sections 28 and 33 at 754.35 feet and continuing for a total distance of 1,319.85 feet to Engr. Sta. 16+02.87, a P. I. of 93°33'18" left;

Thence N 00°23'19" W, passing the common boundary line of the above-mentioned Sections 28 and 33 at 37.75 feet and continuing for a total distance of 49.69 feet to Engr. Sta. 16+52.56, a P. I. of 94°12'57" right;

Thence S 86°10'22" E, passing the common boundary line of the above-mentioned Sections 28 and 33 at 152.54 feet and continuing for a total distance of 394.82 feet to Engr. Sta. 20+47.38, a P. I. of 85°42'07" right;

Thence S 00°28'15" E, 520.61 feet to Engr. Sta. 25+67.99, a P. I. of 89°38'30" left;

Thence N 89°53'15" E, 1,564.88 feet to Engr. Sta. 41+32.87, a P. I. of 86°01'49" left;

Thence N 03°51'26" E, 298.59 feet to Engr. Sta. 44+31.46, the End of the Survey and a point from which a brass cap, stamped "1912", found for the common East corner of the above-mentioned Sections 28 and 33 bears N 76°16'45" E, 1,136.92 feet.

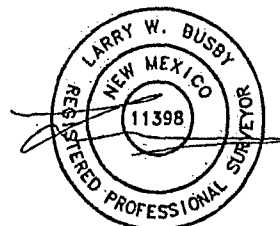
Said strip of land containing 3.052 acres, more or less, and is allocated by forties as follows:

### Section 28

SW 1/4 SW 1/4	0.332 Ac.	SE 1/4 SW 1/4	0.336 Ac.
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### Section 33

NW 1/4 NW 1/4	0.160 Ac.	NE 1/4 NW 1/4	0.972 Ac.
NW 1/4 NE 1/4	0.912 Ac.	NE 1/4 NE 1/4	0.340 Ac.



Firm No.: TX 10193838 NM 4655451

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<div style="text-align: center; font-size: 2em; font-weight: bold;">RRC</div>			SCALE: 1" = 1000'		
			DATE: 2-3-14		
			SURVEYED BY: GB		
			DRAWN BY: JC		
NO.	REVISION	DATE	APPROVED BY: LWB		
JOB NO.: LS140042			SHEET: 2 OF 2		
DWG. NO.: 140042EL2			308 W. BROADWAY ST., HOBBS, NM 88240 (505) 964-8200		

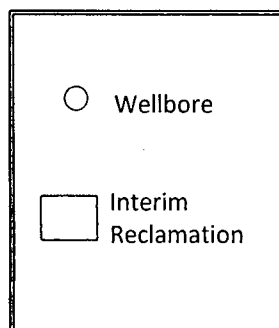
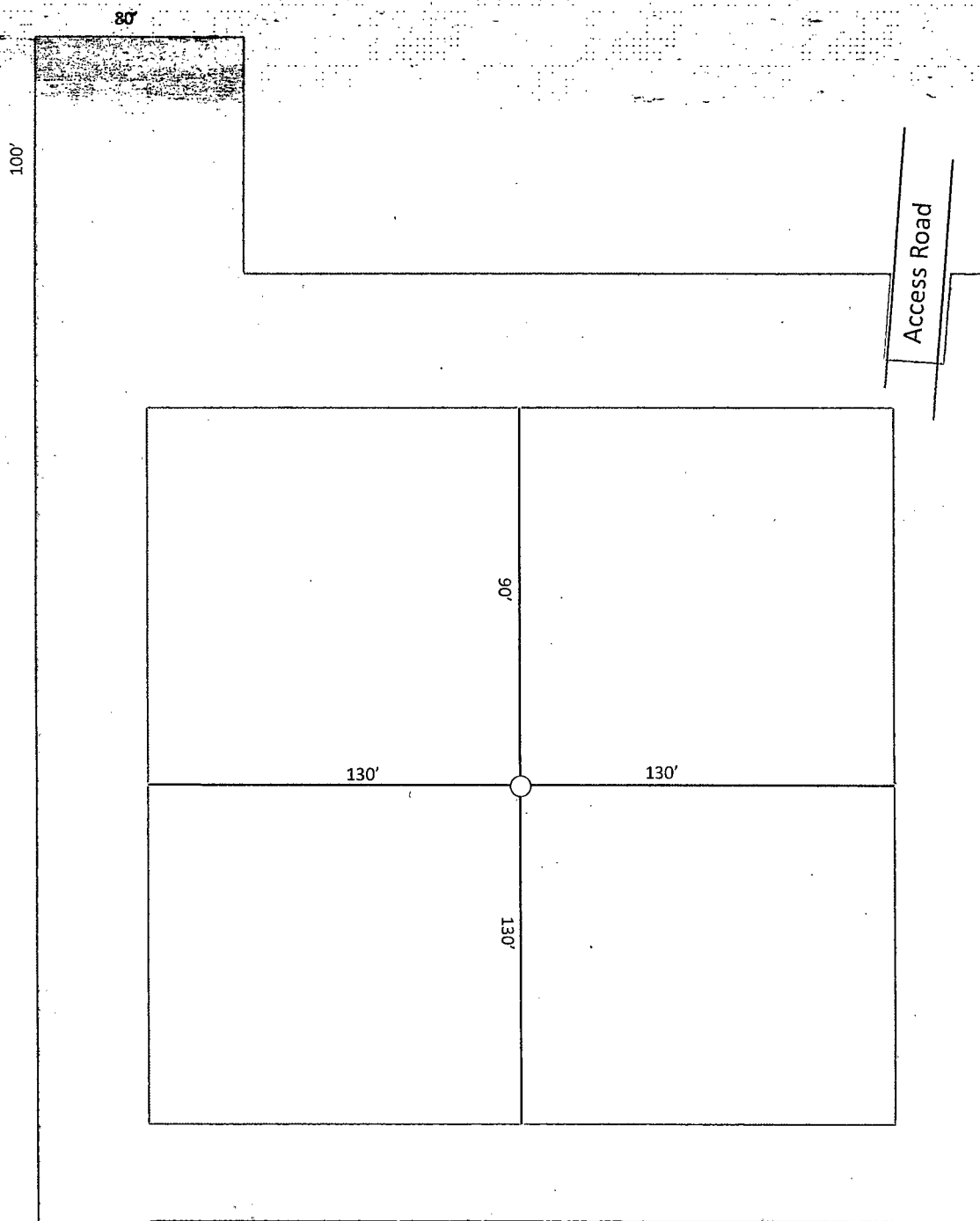


Exhibit D-1  
Interim Reclamation Diagram  
**Chaparral 33 Federal Com 6**  
Cimarex Energy Co. of Colorado  
33-19S-34E  
SHL 330 FNL & 660 FWL  
BHL 330 FSL & 660 FWL  
Lea County, NM