

DEC 09 2014

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) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 394-6178 Fax: (505) 394-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3480 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

RECEIVED

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- 42333	Pool Code 97994	Pool Name WC-025 G-06-5253329D; 414R B9
Property Code 300549	Property Name RED HILLS UNIT	Well Number 23H
GRID No. 162683	Operator Name CIMAREX ENERGY COMPANY OF COLORADO	Elevation 3379

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	5	26 S	33 E		160	NORTH	1330	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
N	5	26 S	33 E		330	SOUTH	1330	WEST	LEA
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No. NSL Pending						

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: 393533.1 E: 767582.8 (NAD83) 1330' 3371.4' 3377.7' Fee C NM0106040A NM0160973 4786.5' 1330' 330' N: 388264.2 E: 767602.2 (NAD83)	N: 393550.5 E: 770227.2 (NAD83) SURFACE LOCATION Lot - N 32°04'45.69" Long - W 103°35'54.83" NMSPC- N 393383.1 E 768913.8 (NAD-83) PROPOSED BOTTOM HOLE LOCATION Lot - N 32°03'58.34" Long - W 103°35'54.80" NMSPC- N 388597.6 E 768948.8 (NAD-83)	N: 393567.9 E: 772871.8 (NAD83) 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. Signature: <i>Terri Stathem</i> Date: 9/11/2014 Printed Name: Terri Stathem 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. NOVEMBER 10 2013 Date Surveyed: _____ Signature of Professional Surveyor: <i>[Signature]</i> Certification Number: 7977 Scale: 1" = 1000' WD Num: 29697
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DEC 10 2014

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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-	Pool Code	Pool Name Wildcat Bone Spring
Property Code	Property Name RED HILLS UNIT	Well Number 23H
OGRID No. 215099	Operator Name CIMAREX ENERGY COMPANY	Elevation 3379

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	5	26 S	33 E		160	NORTH	1330	WEST	LEA

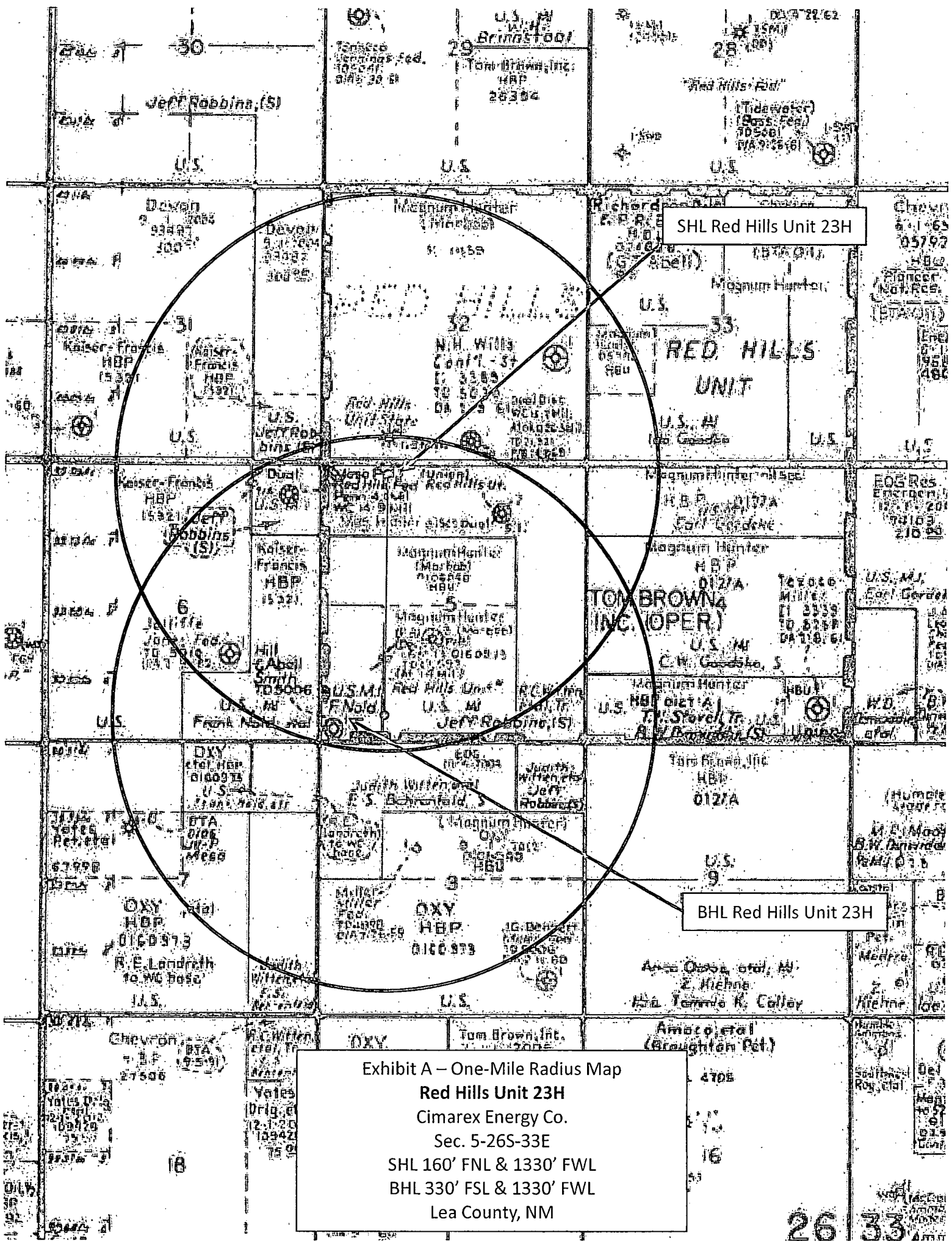
Bottom Hole Location If Different From Surface

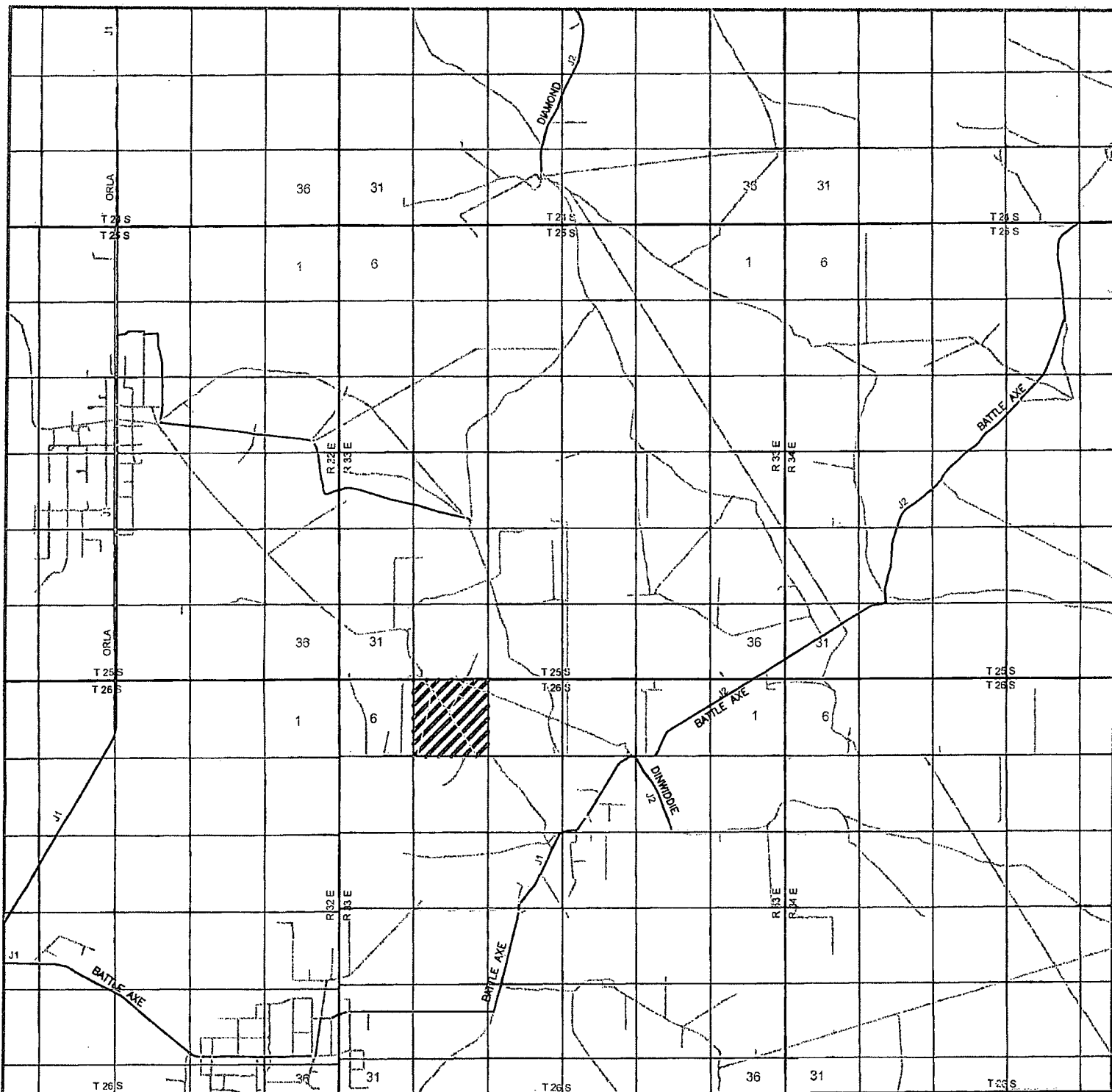
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	5	26 S	33 E		330	SOUTH	1330	WEST	LEA

Dedicated Acres 160	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

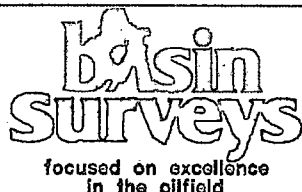
	SURFACE LOCATION Lat - N 32°04'45.69" Long - W 103°35'54.83" NMSFCE- N 393383.1 E 768913.8 (NAD-83)	PROPOSED BOTTOM HOLE LOCATION Lat - N 32°03'58.34" Long - W 103°35'54.80" NMSFCE- N 388597.6 E 768948.8 (NAD-83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and 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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Paula Brunson</i> 3/21/2014 Signature Date Paula Brunson Printed Name pbrunson@cimarex.com Email Address
	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. NOVEMBER 14 2013 Date Surveyed <i>Paula Brunson</i> Signature of Professional Surveyor Certification Number 7977 Scale: 1" = 1000' WO Num.: 29697		





RED HILLS UNIT #23H

Located 160' FNL and 1330'FWL
 Section 5, Township 26 South, Range 33 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

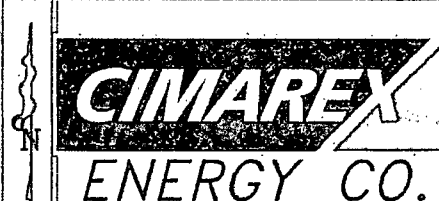
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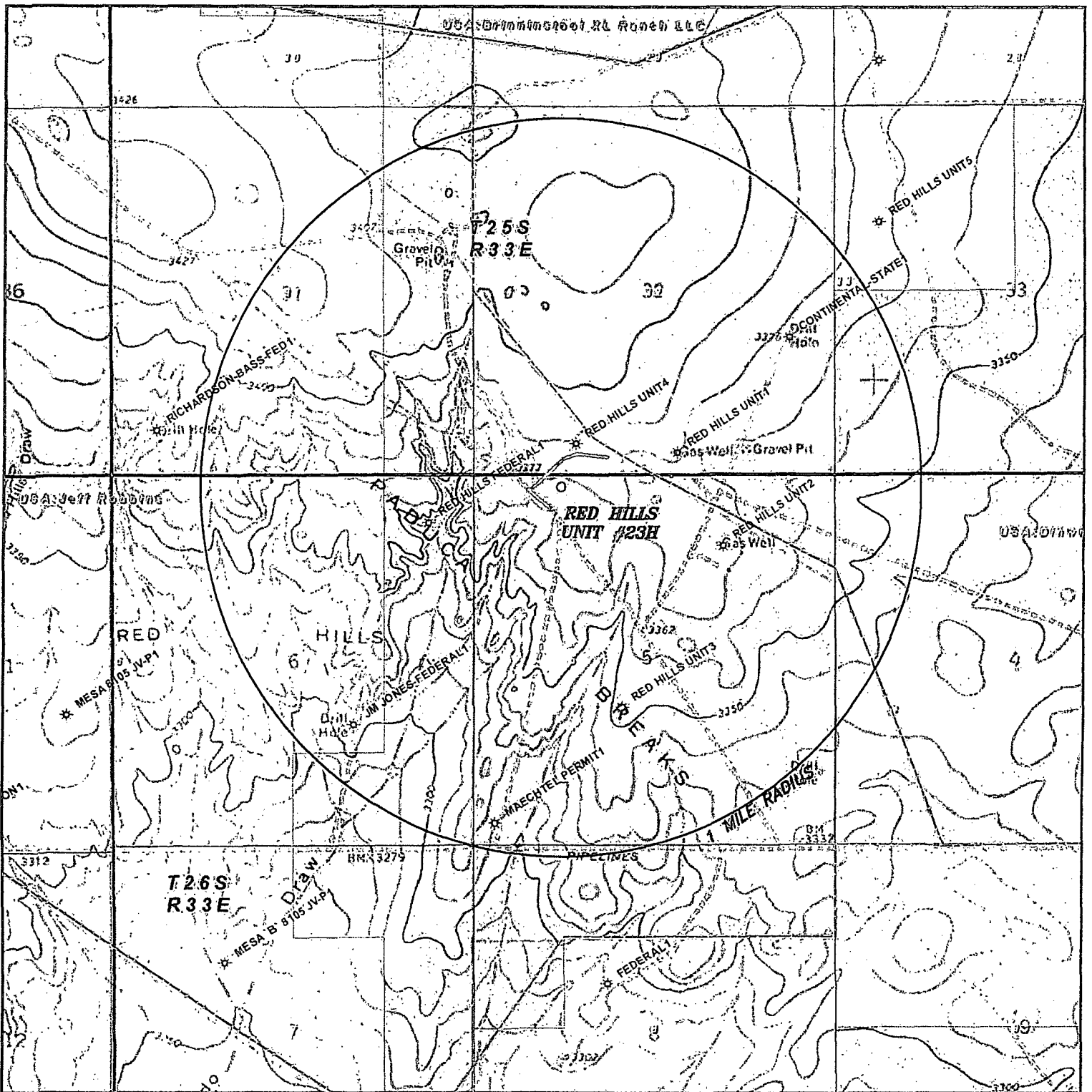
SCALE: 1" = 2 MILES

W.O. Number: KAN 29697

Survey Date: 11-12-2013

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





RED HILLS UNIT #23H

Located 160' FNL and 1330' FWL
 Section 5, Township 26 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.

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0' 1000' 2000' 3000' 4000'
 SCALE: 1" = 2000'

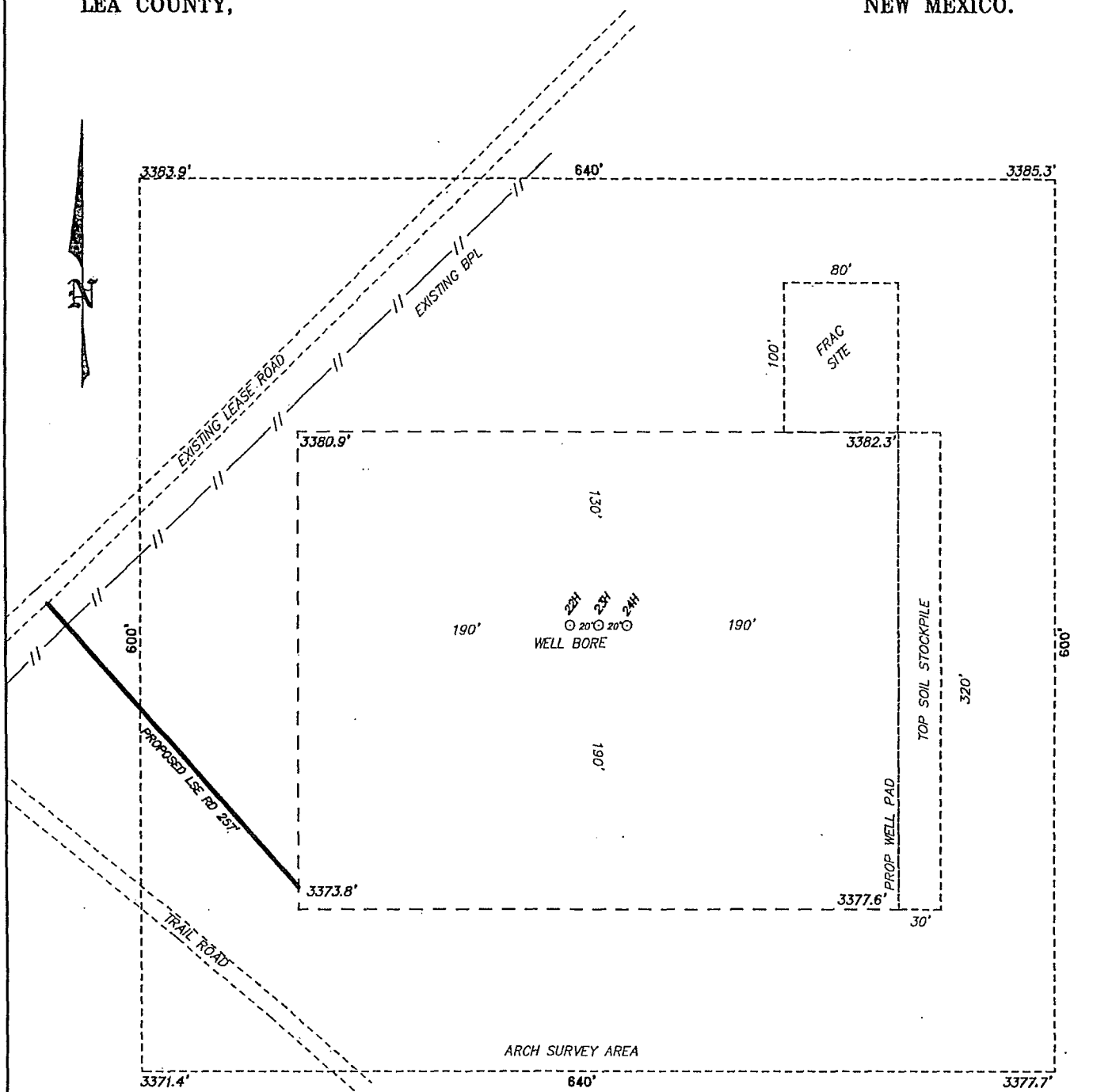
W.O. Number: KAN 29697

Survey Date: 11-12-2013

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

CINAREX
 ENERGY CO.

SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST. N.M.P.M.,
LEA COUNTY, NEW MEXICO.



100 0 100 200 FEET
SCALE: 1" = 100'

CIMAREX ENERGY CO.

REF: RED HILLS UNIT #23H / WELL PAD TOPO

THE RED HILLS UNIT #23H LOCATED 160' FROM
THE NORTH LINE AND 1330' FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST.

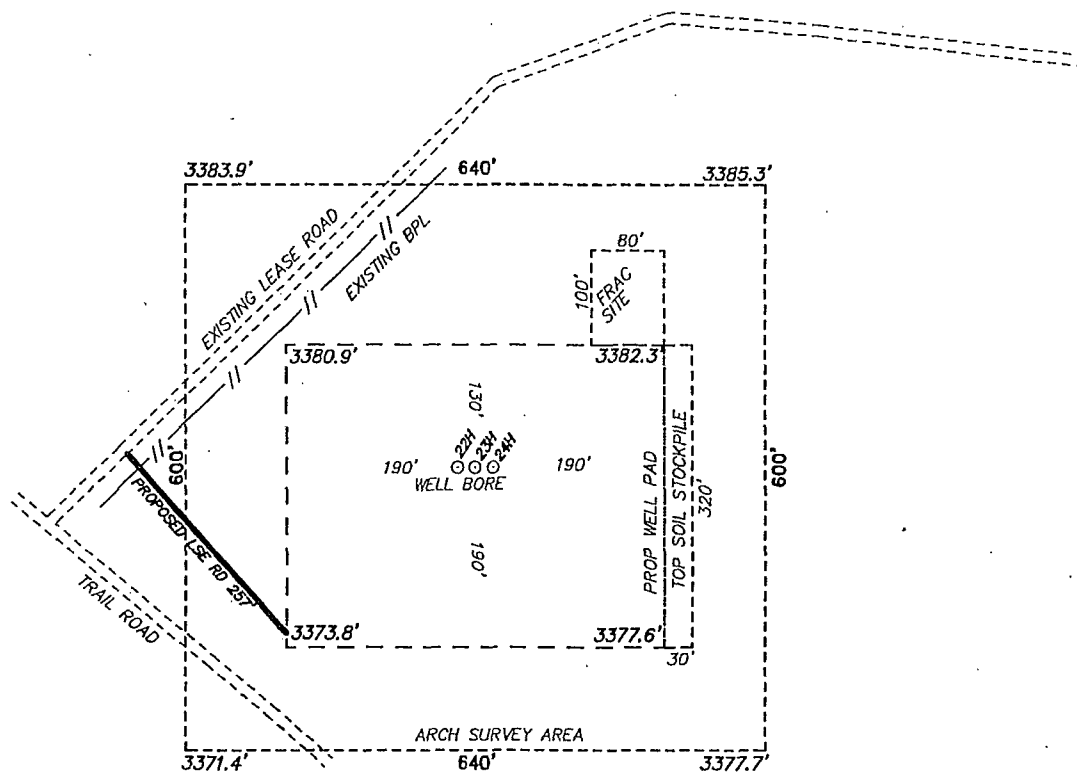
N.M.P.M., LEA COUNTY, NEW MEXICO.

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Hobbs, New Mexico 88241 basin-surveys.com

W.O. Number: 29697 Drawn By: K. NORRIS Date: 11-19-2013 Survey Date: 11-12-2013 Sheet 1 of 1 Sheets

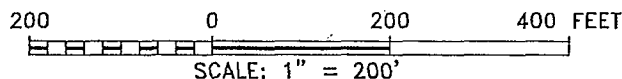
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST. N.M.P.M.,
LEA COUNTY, NEW MEXICO.



CIMAREX ENERGY COMPANY
RED HILLS UNIT #23H

ELEV. - 3379'
Lat - N 32°04'45.69"
Long - W 103°35'54.83"
NMSPCE- N 393383.1
E 768913.8
(NAD-83)

JAL, NM IS ±31 MILES TO THE SOUTHEAST OF LOCATION.



Directions to Location:

FROM HWY 128 AND BATTLE AXE ROAD, GO SOUTH
ON BATTLE AXE ROAD 13.2 MILES, WEST 2.3 MILES,
NORTH AND FOLLOW LEASE ROAD 1.7 MILES TO
PROPOSED LOCATION.

CIMAREX ENERGY CO.

REF: RED HILLS UNIT #23H / WELL PAD TOPO

THE RED HILLS UNIT #23H LOCATED 160' FROM
THE NORTH LINE AND 1330' FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST.

N.M.P.M., LEA COUNTY, NEW MEXICO.

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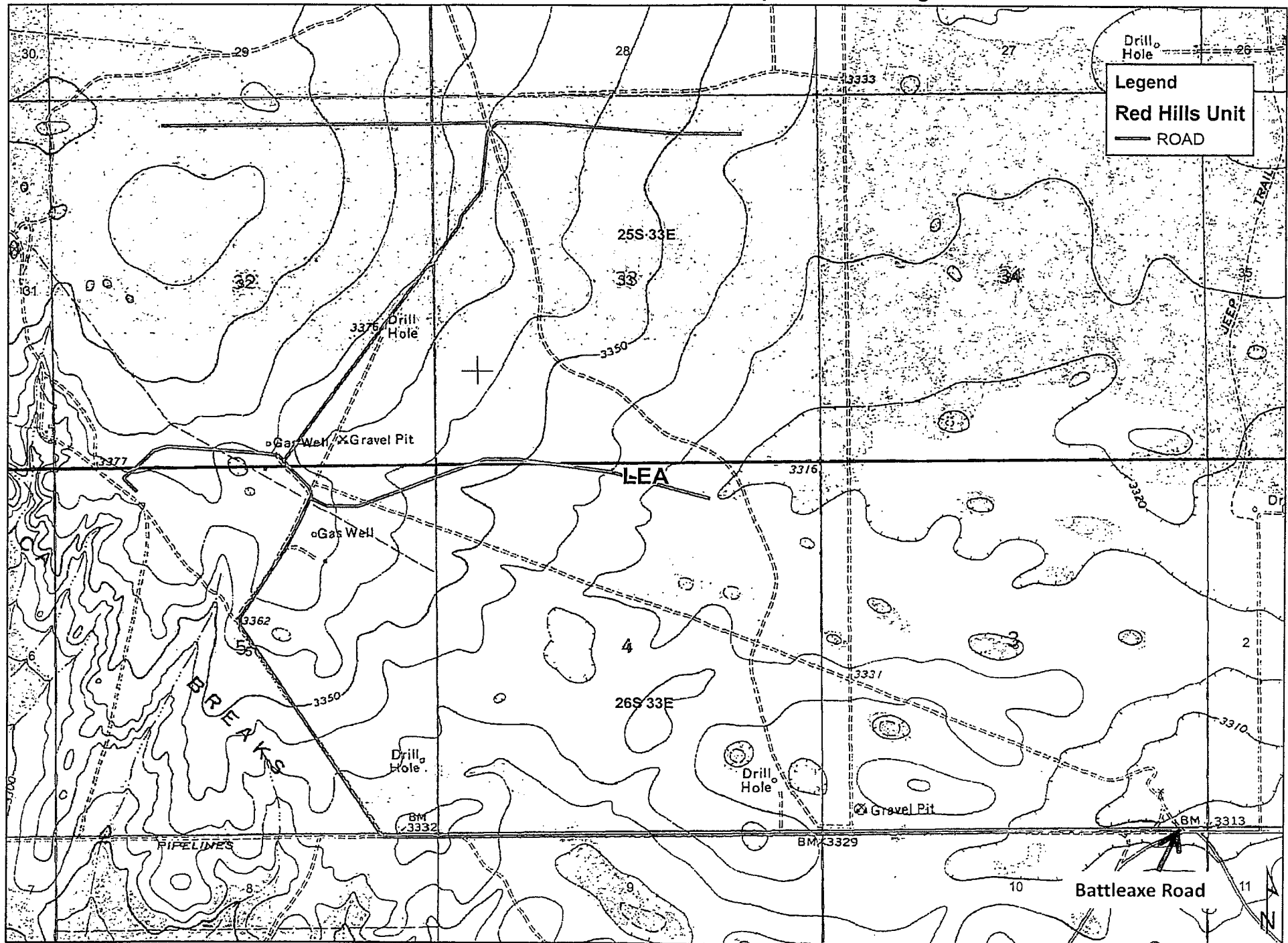
P.O. Box 1786 (575) 393-7316 - Office
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Hobbs, New Mexico 88241 basin-surveys.com

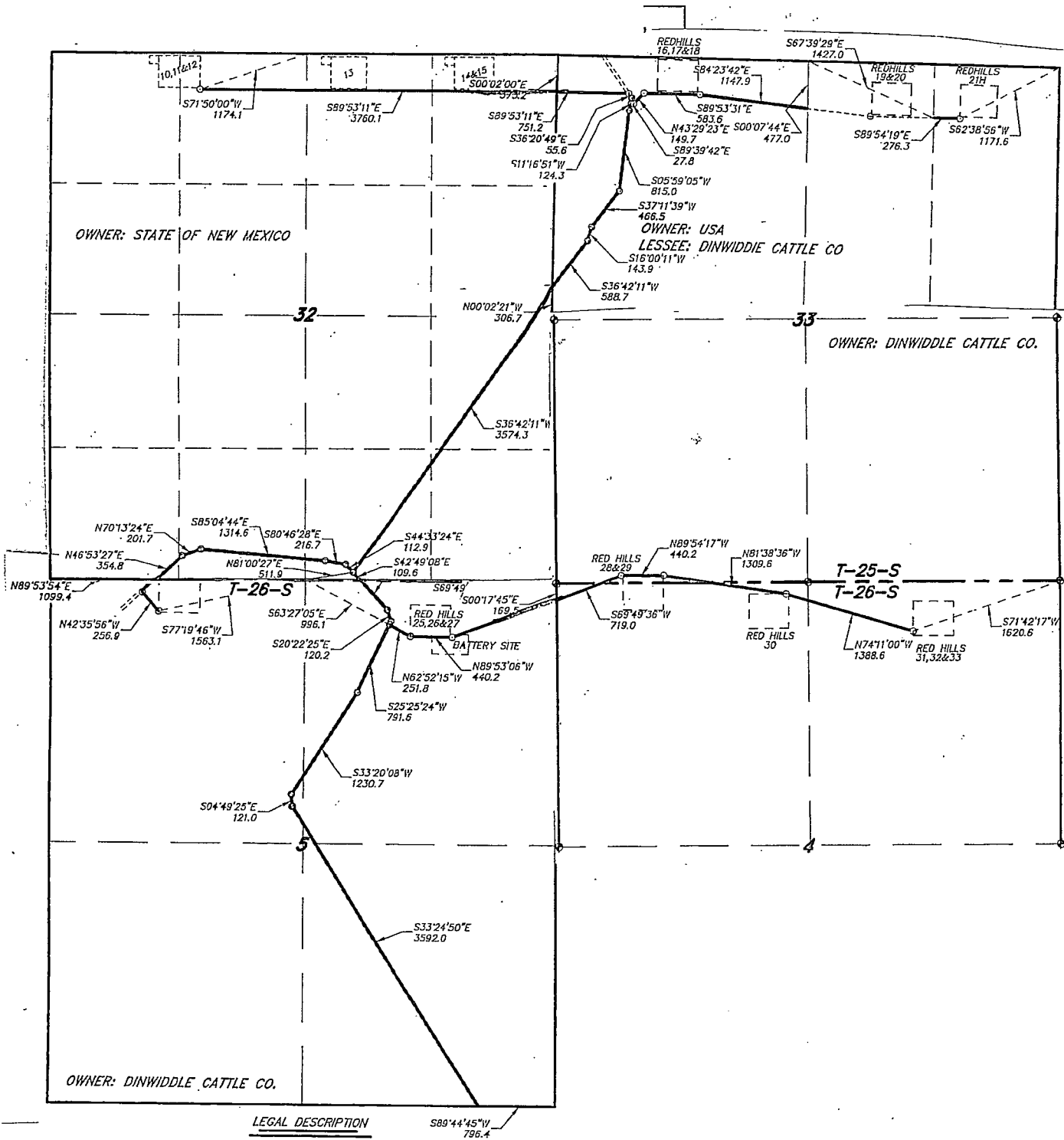
W.O. Number: 29697 Drawn By: K. NORRIS Date: 11-19-2013 Survey Date: 11-12-2013 Sheet 1 of 1 Sheets

Exhibit C-1

RED HILLS UNIT

Exhibit C-1 Public Access Road & Exhibit C-2 Proposed & Existing Roads

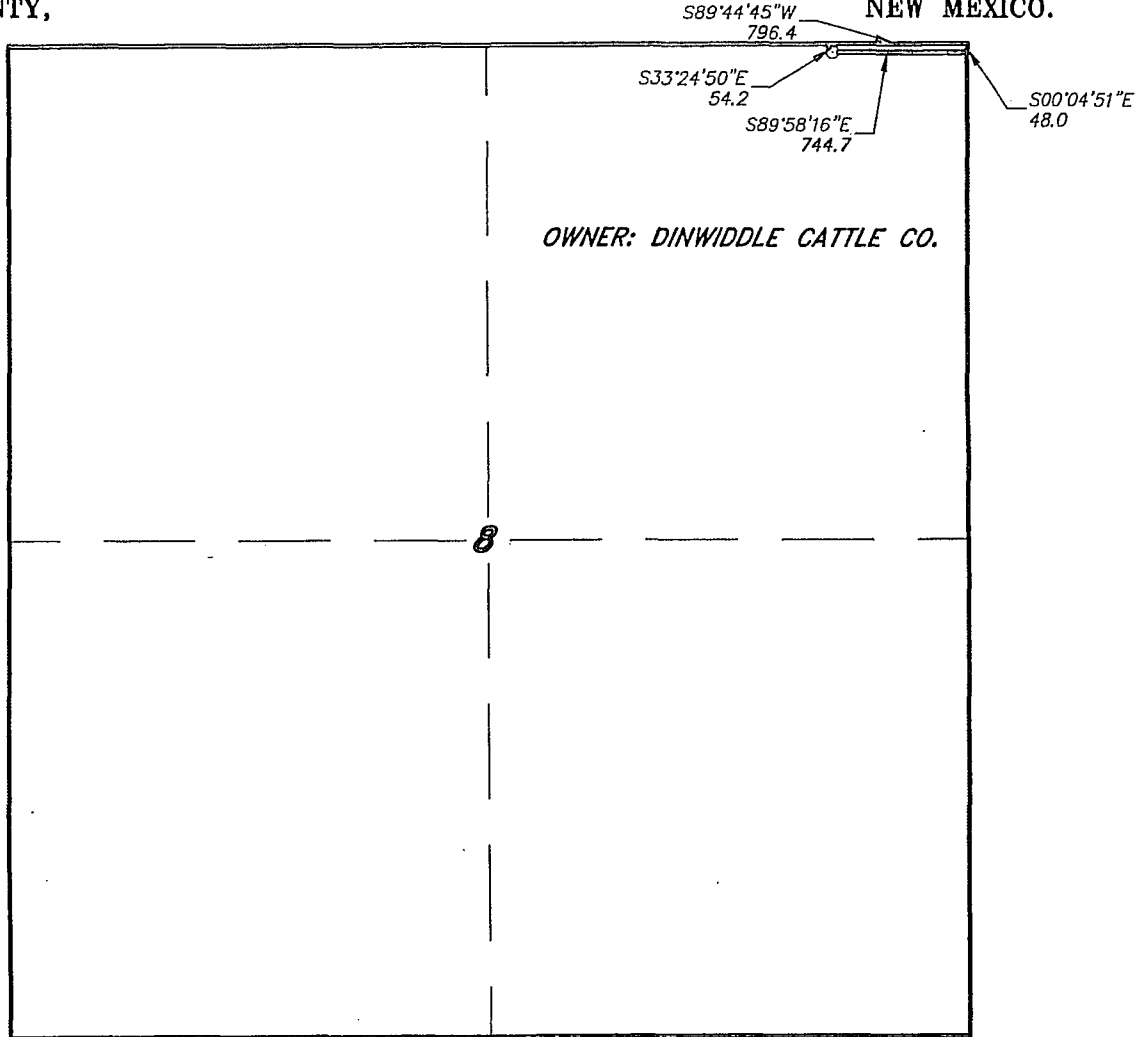




Red Hills Unit Lease Road Information Plat consolidation

Exhibit C-2

SECTION 8, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 8, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES S.89°44'45"W., 796.4 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 8; THENCE S.33°24'50"E., 54.2 FEET; THENCE S.89°58'16"E., 744.7 FEET TO A POINT ON THE EAST SECTION LINE WHICH LIES S.00°04'51"E., 48.0 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 8. SAID STRIP OF LAND BEING 798.9 FEET OR 48.42 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES

No. 7977
No. 5074

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Hobbs, New Mexico 88241 basinsurveys.com

1000 0 1000 2000 FEET

CIMAREX ENERGY CO.

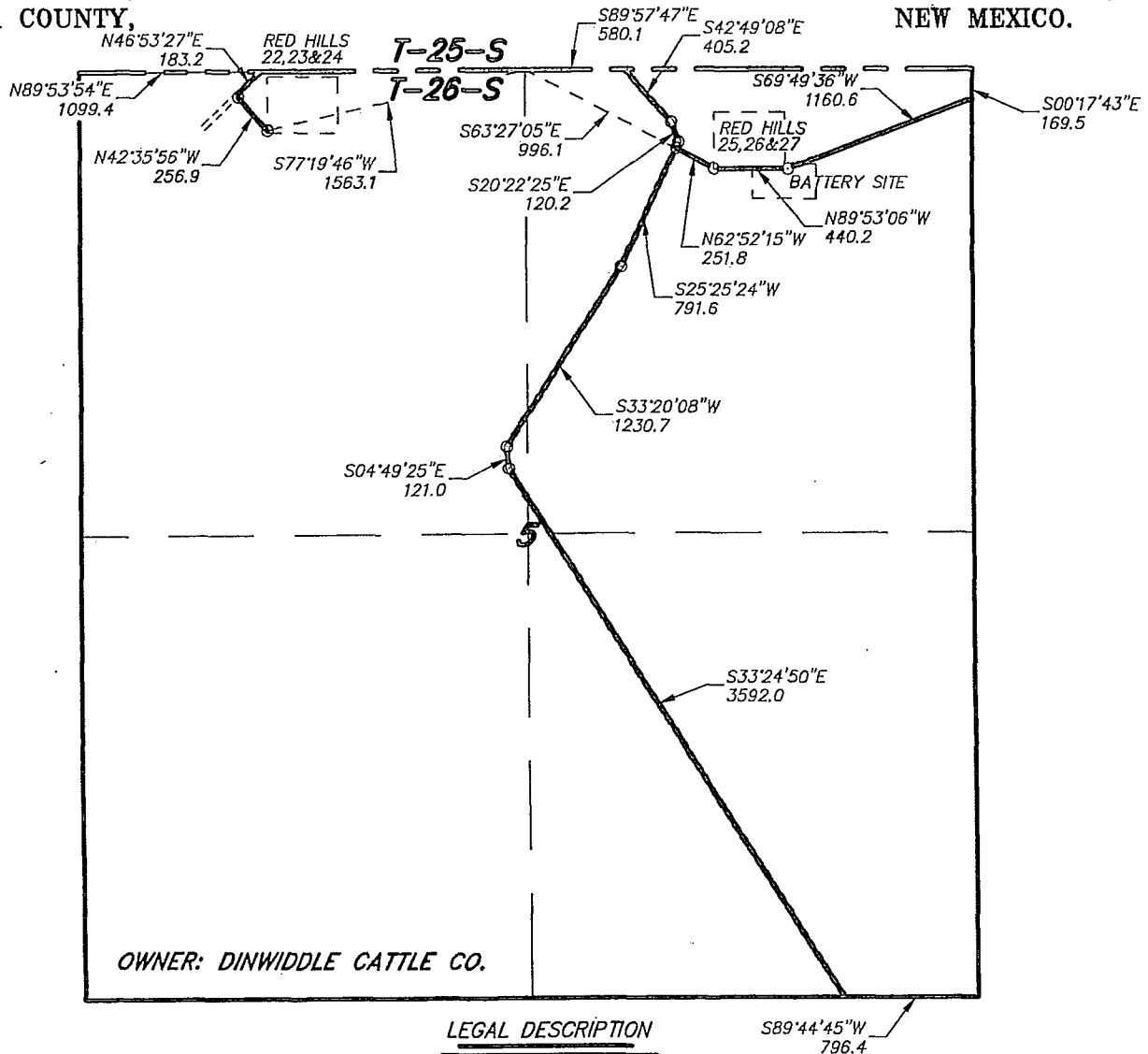
REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING FEE LAND IN
SECTION 8, TOWNSHIP 26 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

W.O. Number: 30010 Drawn By: K. NORRIS Date: 11-26-2013 Survey Date: 11-12-2013 Sheet 6 of 8 Sheets

Exhibit C-2

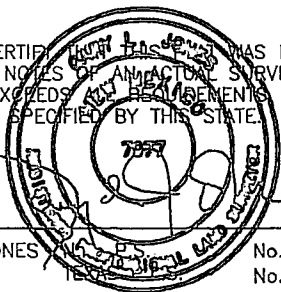
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES S.77'19'46"W, 1563.1 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 5; THENCE N.42'35'56"W, 256.9 FEET; THENCE N.46'53'27"E, 183.2 FEET TO A POINT ON THE NORTH SECTION LINE WHICH LIES N.89'53'54"E, 1099.4 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 5; THENCE BEGINNING AGAIN AT A POINT WHICH LIES S.00'17'43"E, 169.5 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 5; THENCE S.69'49'36"W, 1160.6 FEET; THENCE N.89'53'06"W, 440.2 FEET; THENCE N.62'52'15"W, 251.8 FEET TO THE END OF THIS LINE WHICH LIES S.63'27'05"E, 996.1 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 5; THENCE BEGINNING AGAIN AT A POINT WHICH LIES S.89'57'47"E, 580.1 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 5; THENCE S.42'49'08"E, 405.2 FEET; THENCE S.20'22'25"E, 120.2 FEET; THENCE S.25'25'24"W, 791.6 FEET; THENCE S.33'20'08"W, 1230.7 FEET; THENCE S.04'49'25"E, 121.0 FEET; THENCE S.33'24'50"E, 3592.0 FEET TO A POINT ON THE SOUTH SECTION LINE WHICH LIES S.89'44'45"W, 796.4 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 5. SAID STRIP OF LAND BEING 8853.4 FEET OR 518.39 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES

No. 7977
No. 5074

1000 0 1000 2000 FEET

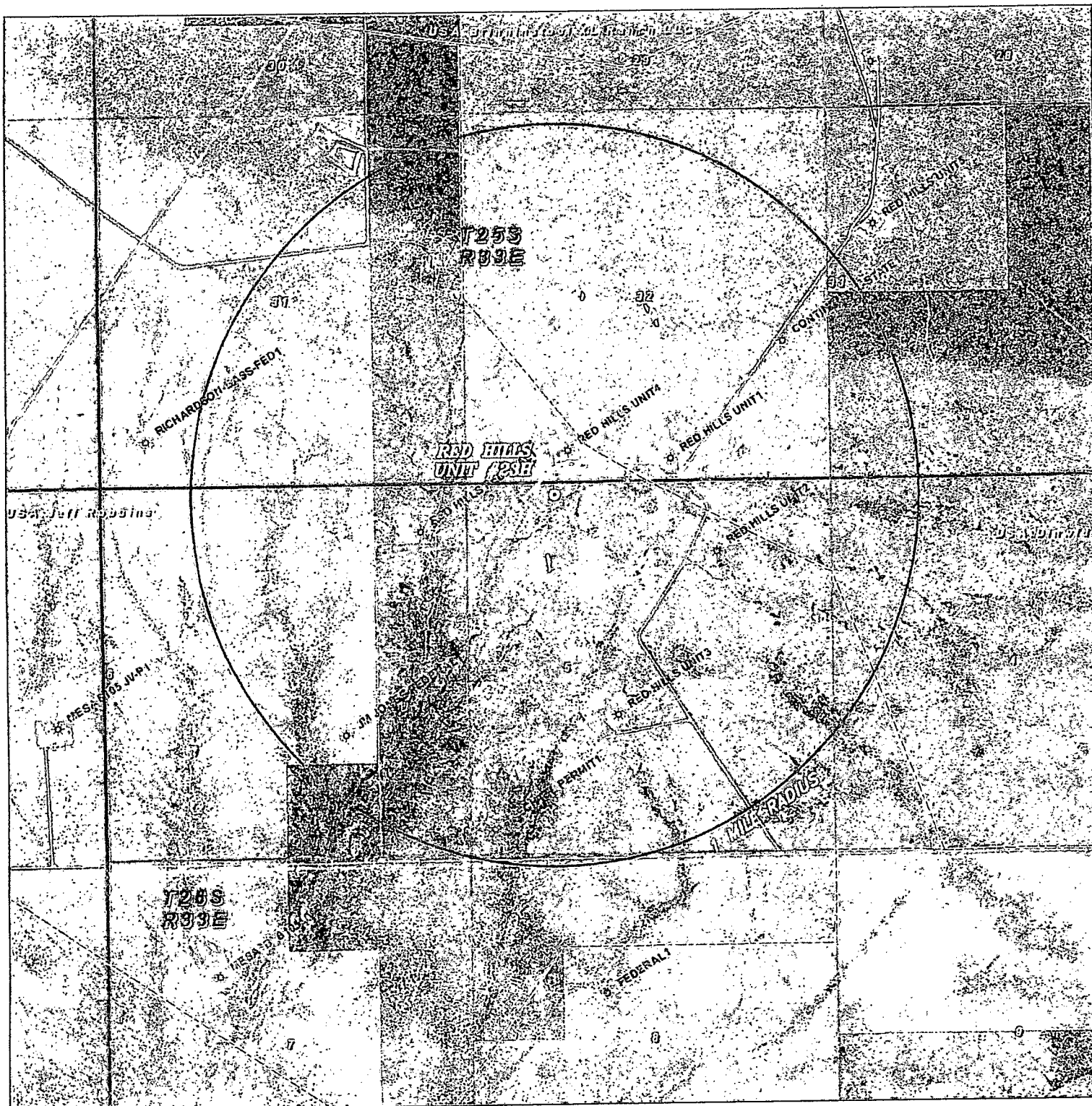
CIMAREX ENERGY CO.

REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING FEE LAND IN
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

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In the oilfield

W.O. Number: 30010 Drawn By: K. NORRIS Date: 11-26-2013 Survey Date: 11-12-2013 Sheet 4 of 8 Sheets



RED HILLS UNIT #23H

Located 160' FNL and 1330'FWL
 Section 5, Township 26 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.

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 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com

0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

W.O. Number: KAN 29697

Survey Date: 11-12-2013

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

CIMAREX
ENERGY CO.

SECTION 9, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

S00°04'51"E
48.0

S89°58'16"E
5284.2

S00°03'46"E
45.4

OWNER: USA
LESSEE: KIEHNE RANCH AND CATTLE CO

9

LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 9, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

5284.2 FEET = 1.00 MILES = 320.25 RODS = 3.64 ACRES

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES, P.S.

No. 7977
No. 5074

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1000 0 1000 2000 FEET

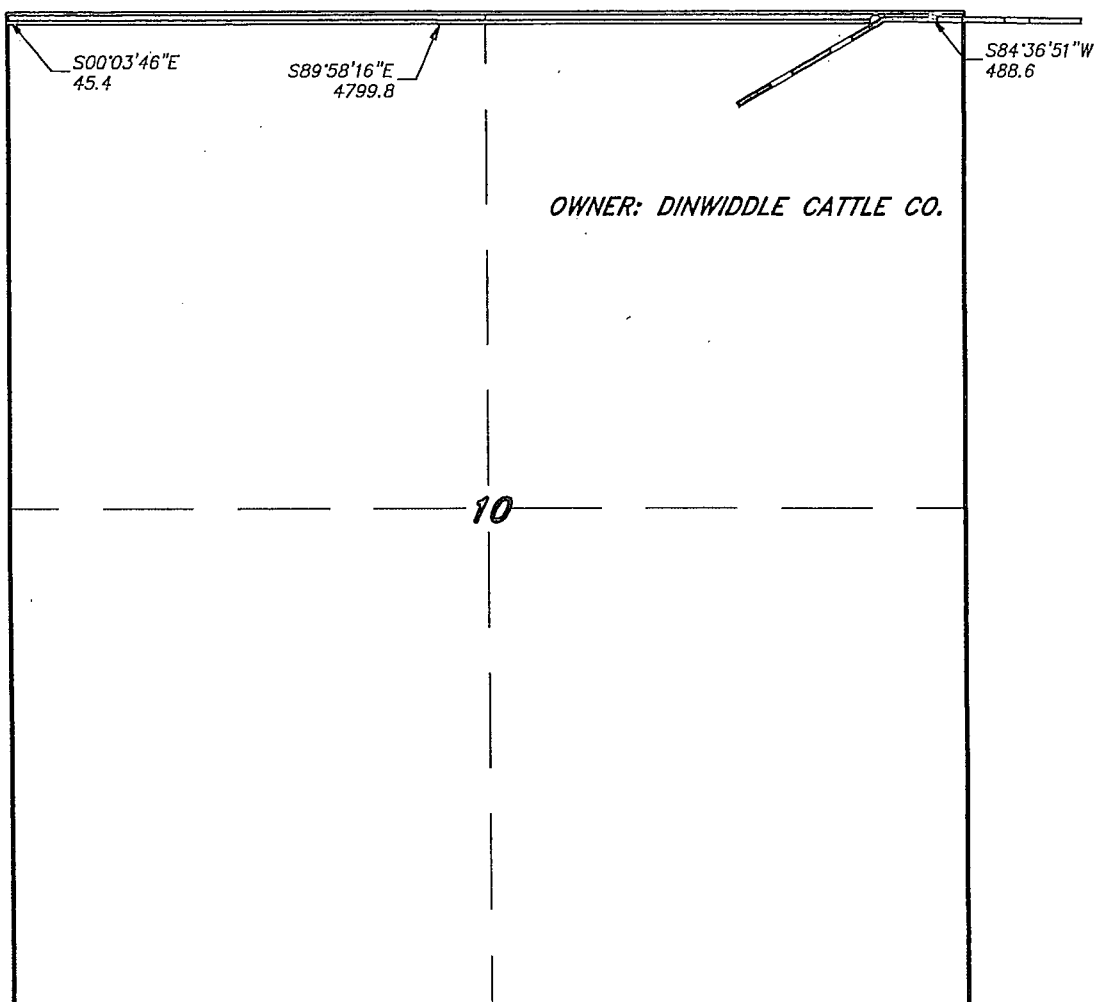
CIMAREX ENERGY CO.

REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING FEE LAND IN
SECTION 9, TOWNSHIP 26 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

W.O. Number: 30010 | Drawn By: K. NORRIS | Date: 11-26-2013 | Survey Date: 11-12-2013 | Sheet 7 of 8 Sheets

SECTION 10, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 10, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES S.00°03'46"E., 45.4 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 10; THENCE S.89°58'16"E., 4799.8 FEET TO THE END OF THIS LINE WHICH LIES S.84°36'51"W., 488.6 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 10. SAID STRIP OF LAND BEING 4799.8 FEET OR 290.90 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ANY REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES, P.S.

No. 7977

No. 5074

1000 0 1000 2000 FEET

CIMAREX ENERGY CO.

REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING FEE LAND IN
SECTION 10, TOWNSHIP 26 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

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W.O. Number: 30010 Drawn By: K. NÖRRIS Date: 11-26-2013 Survey Date: 11-12-2013 Sheet 8 of 8 Sheets

Reclamation after all wells are drilled

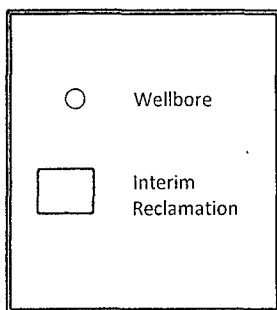
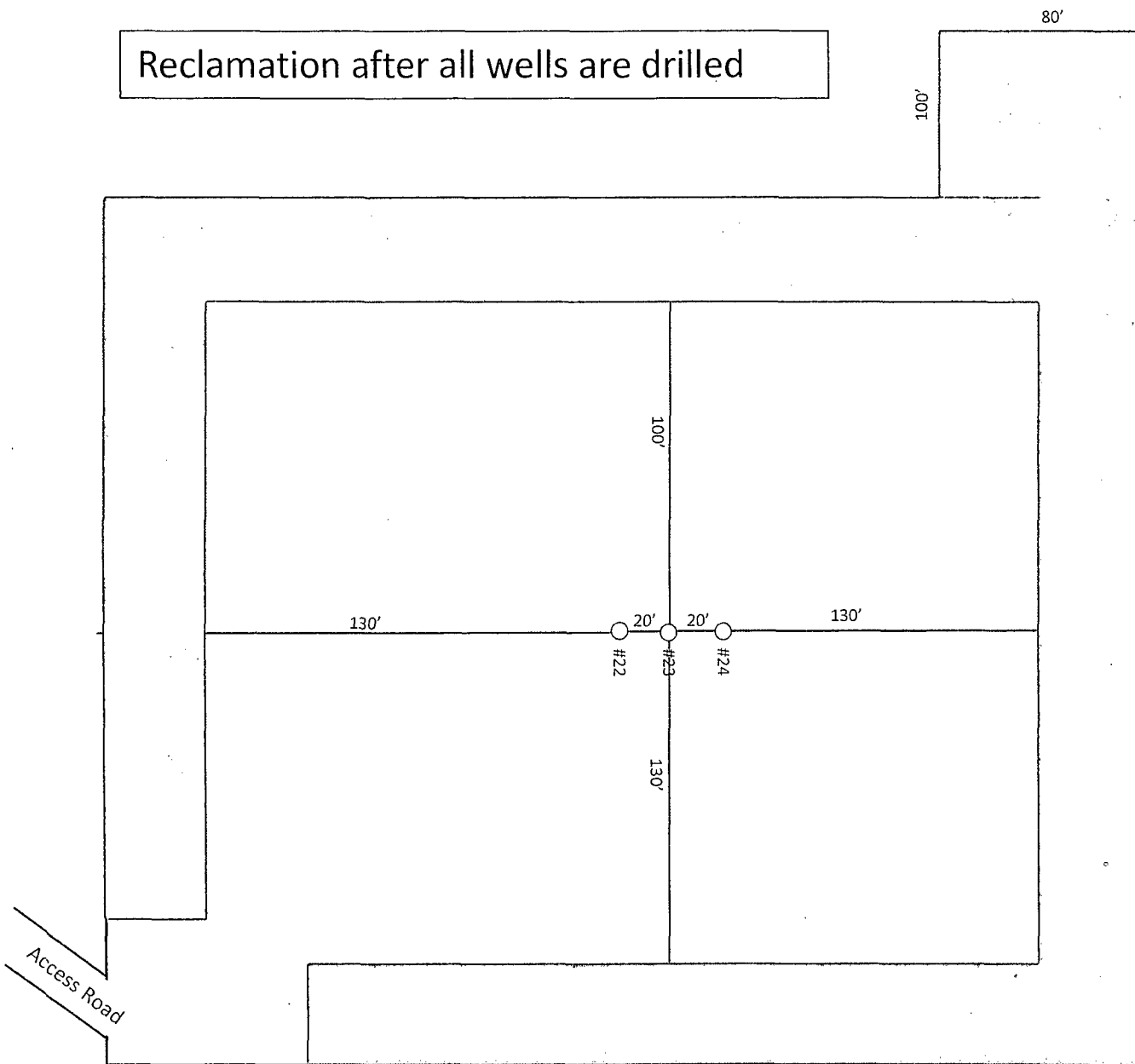
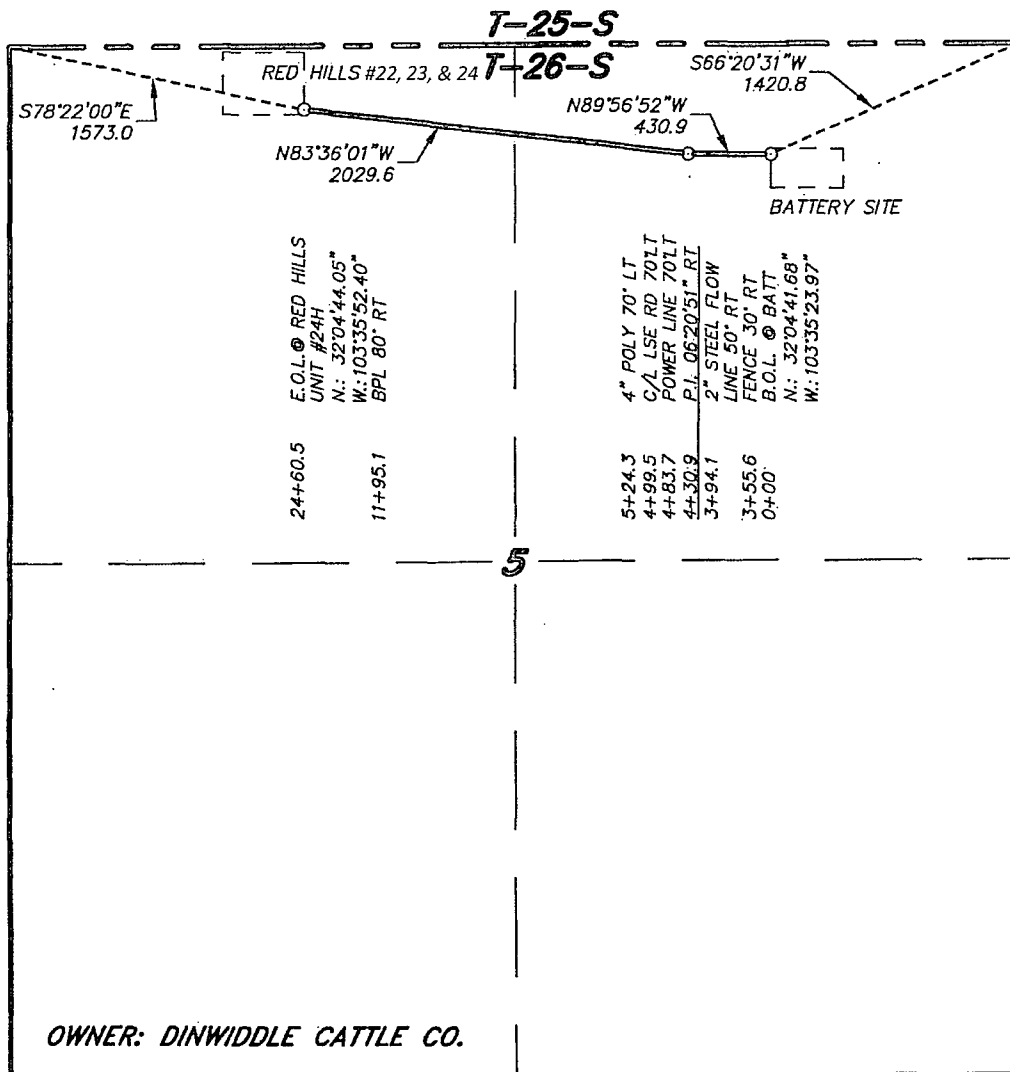


Exhibit D-1 – Interim Reclamation Diagram
Red Hills Unit 23H
Cimarex Energy Co.
Sec. 5-26S-33E
SHL 160' FNL & 1330' FWL
BHL 330' FSL & 1330' FWL
Lea County, NM

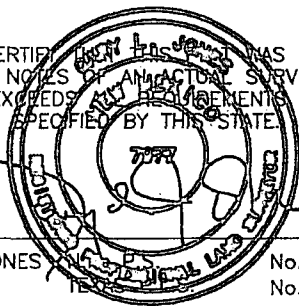
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY. BEGINNING AT A POINT WHICH LIES S.66°20'31"W., 1420.8 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 5; THENCE N.89°56'52"W., 430.9 FEET; THENCE N.83°36'01"W., 2029.6 FEET TO THE END OF THIS LINE WHICH LIES S.78°22'00"E., 1573.0 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 5. SAID STRIP OF LAND BEING 2460.5 FEET OR 149.12 RODS IN LENGTH AND CONTAINING 1.69 ACRES, MORE OR LESS.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF A MEASUREMENT SURVEY AND MEETS OR EXCEEDS THE REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES

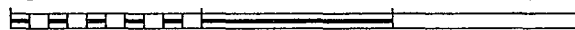
No. 7977

No. 5074

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(575) 392-2206 - Fax
basinsurveys.com

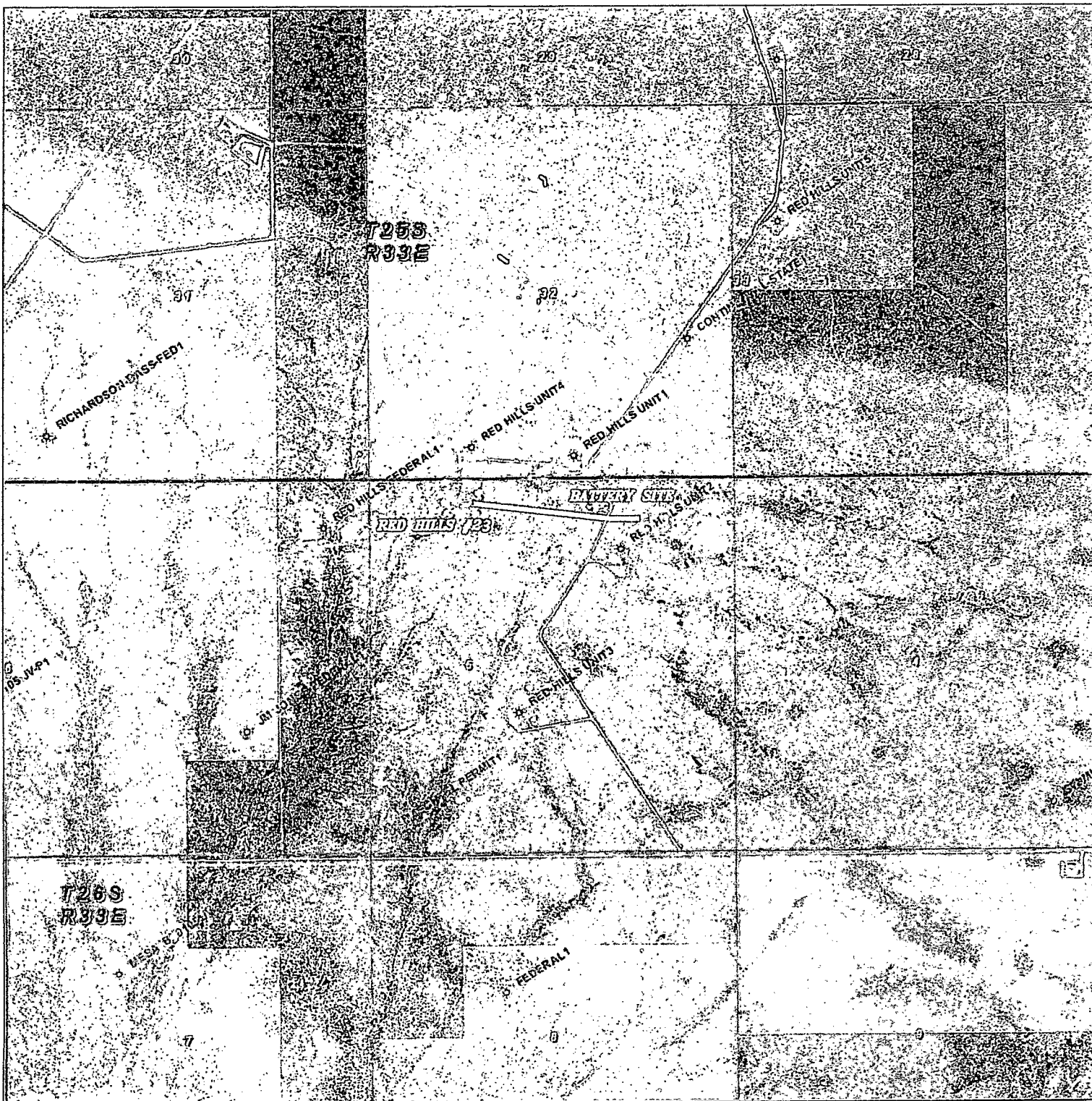
1000 0 1000 2000 FEET



CIMAREX ENERGY CO.

REF: PROPOSED FLOWLINE FOR RED HILLS #23H

A PIPELINE CROSSING FEE LAND IN
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.



PROPOSED FLOWLINE FOR RED HILLS #23H
 Section 5, Township 26 South, Range 33 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
 basin-surveys.com

0' 1000' 2000' 3000' 4000'
 SCALE: 1" = 2000'

W.O. Number: KAN 30123
 Survey Date: 02-20-2014
 YELLOW TINT - FEE LAND
 BLUE TINT - FEE LAND
 NATURAL COLOR - FEE LAND

CIMAREX
ENERGY CO.