

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) 834-6178 Fax: (505) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 834-6178 Fax: (505) 334-6170

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

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 <b>30-025-42329</b>	Pool Code <b>97994</b>	Pool Name <b>WC-025 G-06 5253329D; UPRR BS</b>
Property Code <b>300545</b>	Property Name <b>RED HILLS UNIT</b>	Well Number <b>24H</b>
OGRID No. <b>215099</b>	Operator Name <b>CIMAREX ENERGY COMPANY</b>	Elevation <b>3379</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>C</b>	<b>5</b>	<b>26 S</b>	<b>33 E</b>		<b>160</b>	<b>NORTH</b>	<b>1350</b>	<b>WEST</b>	<b>LEA</b>

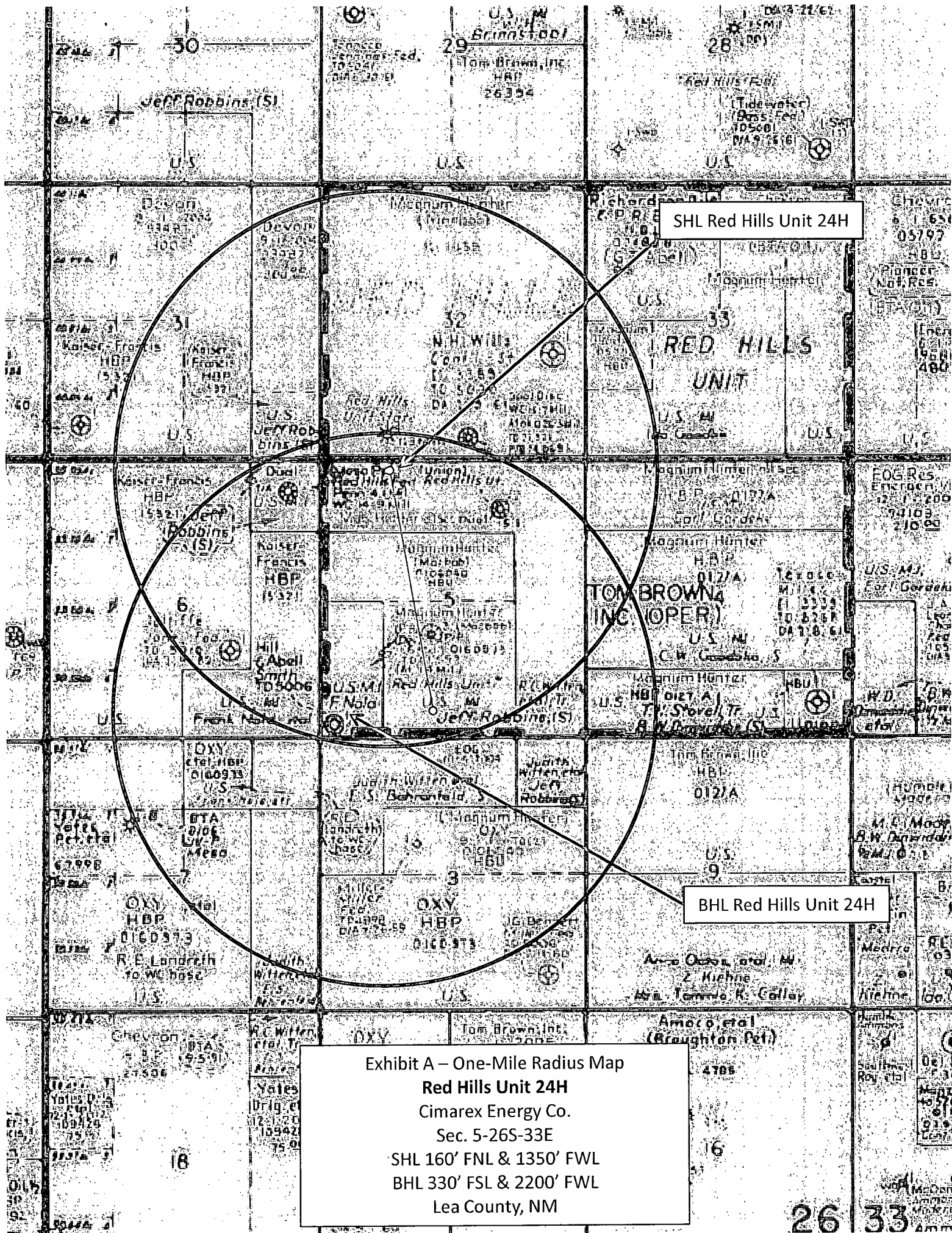
**Bottom Hole Location If Different From Surface**

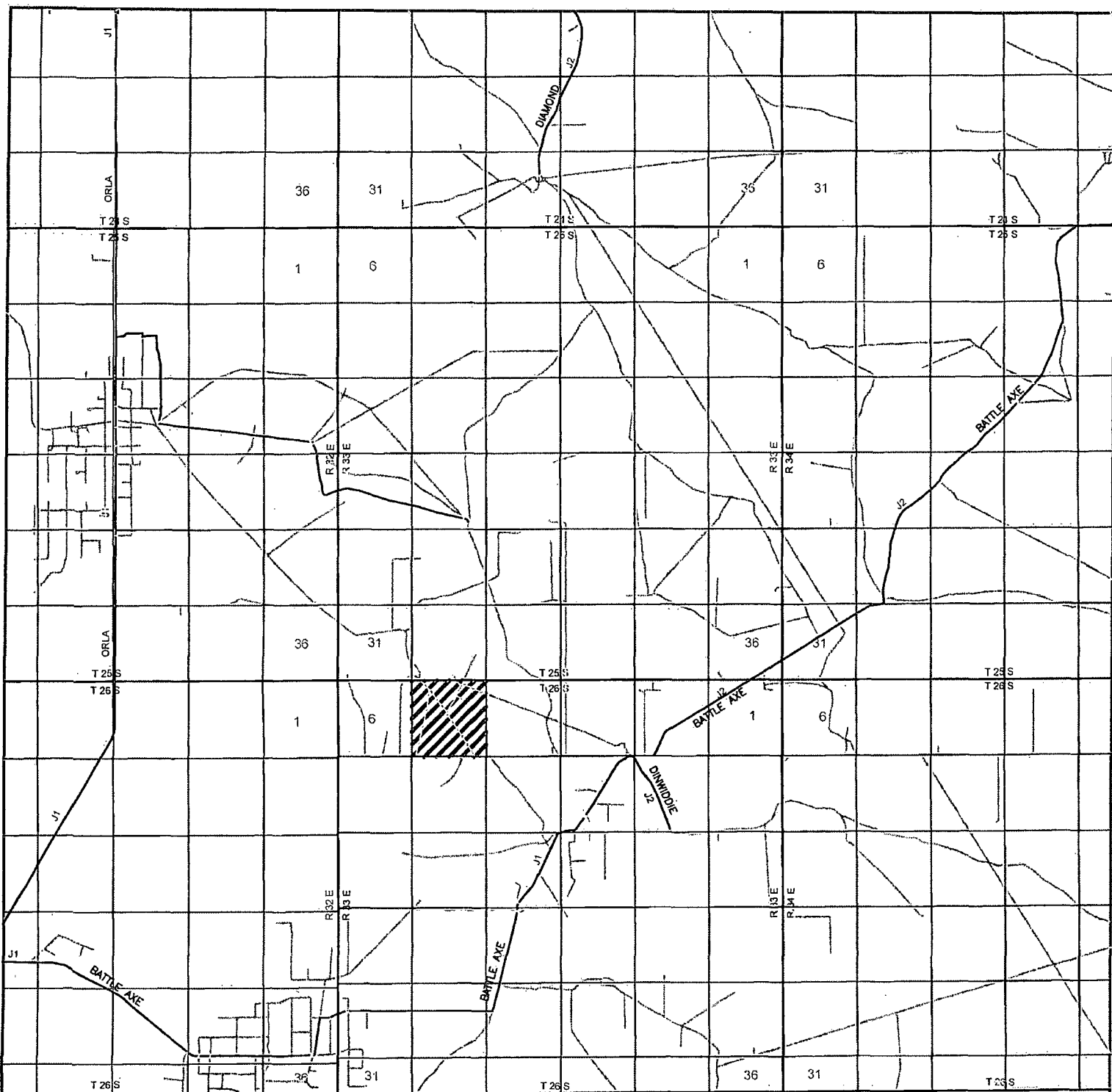
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>N</b>	<b>5</b>	<b>26 S</b>	<b>33 E</b>		<b>330</b>	<b>SOUTH</b>	<b>2200</b>	<b>WEST</b>	<b>LEA</b>
Dedicated Acres <b>160</b>	Joint or Infill	Consolidation Code	Order No.						

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><b>SURFACE LOCATION</b> Lat - N 32°04'45.69" Long - W 103°35'54.60" NMSPCE- N 393383.4 E 768933.6 (NAD-83)</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°03'58.33" Long - W 103°35'44.69" NMSPCE- N 388603.0 E 769818.6 (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> 3/21/2014 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><b>NOVEMBER 10, 2013</b> Date Surveyed</p> <p><i>[Signature]</i> Signature of Professional Surveyor</p> <p><b>7977</b> Certificate No.</p> <p><b>7977</b> Drawn by</p> <p>0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 29698</p>

DEC 10 2014 - 7M





## RED HILLS UNIT #24H

Located 160' FNL and 1350'FWL  
 Section 5, Township 26 South, Range 33 East,  
 N.M.P.M., Lea County, New Mexico.

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 (575) 392-2206 - Fax  
 basin-surveys.com

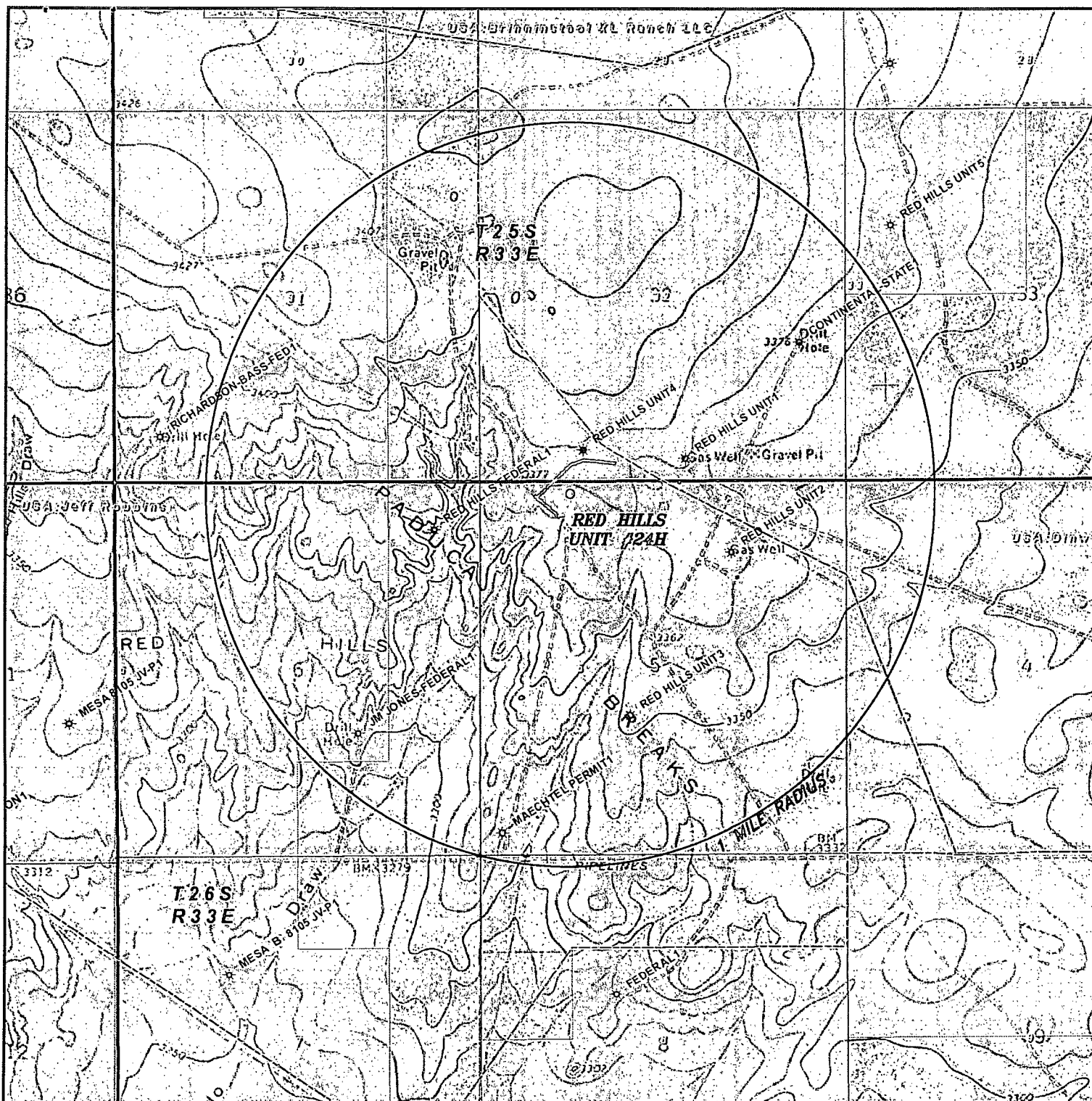
0 1 MI 2 MI 3 MI 4 MI  
 SCALE: 1" = 2 MILES

W.O. Number: KAN 29698

Survey Date: 11-11-2013

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

**CIMAREX**  
 ENERGY CO.



## RED HILLS UNIT #24H

Located 160' FNL and 1350'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'

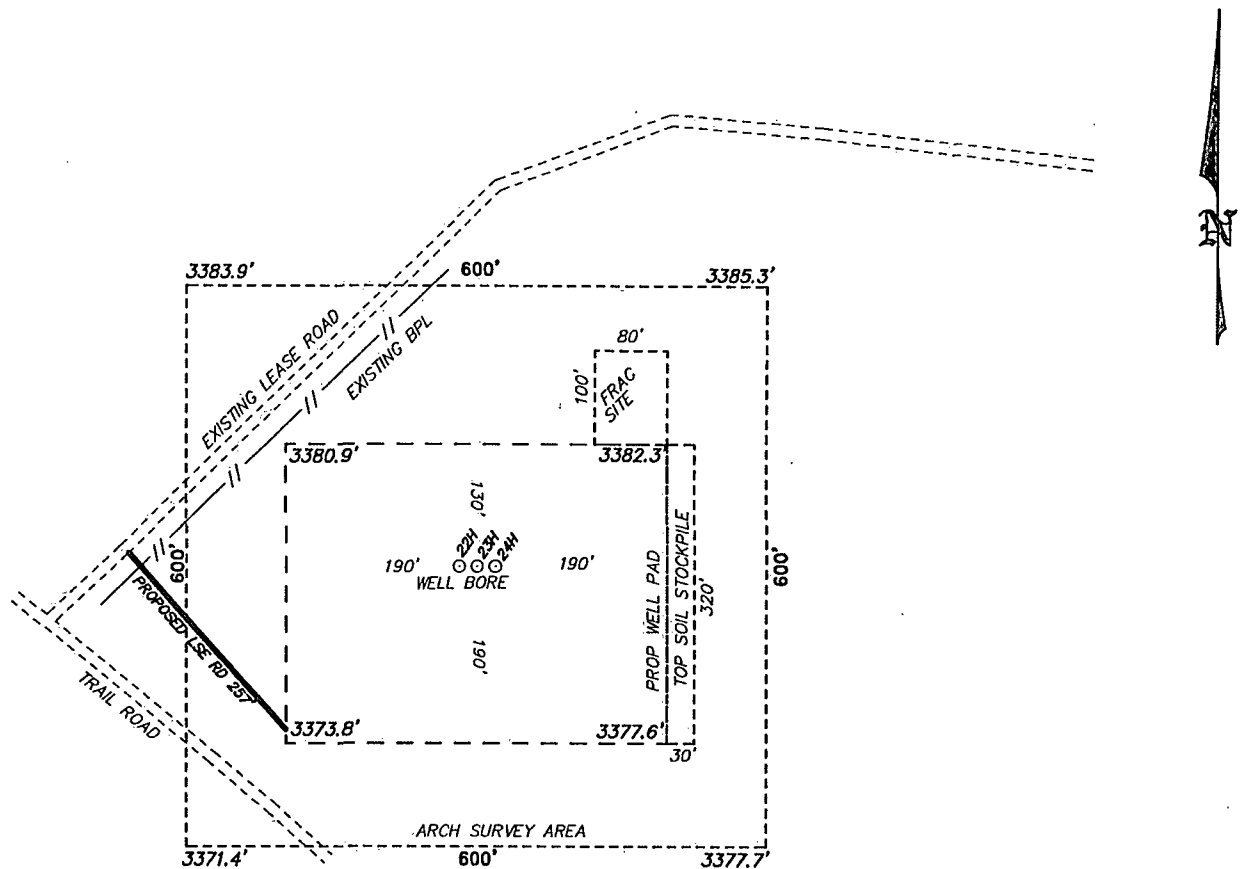
W.O. Number: KAN 29698

Survey Date: 11-11-2013

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

**CIMAREX**  
 ENERGY CO.

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



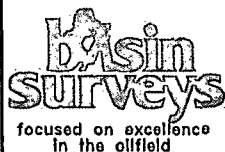
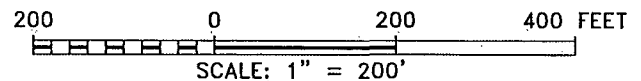
**CIMAREX ENERGY COMPANY**  
**RED HILLS UNIT #24H**

ELEV. - 3379'  
Lat - N 32°04'45.69"  
Long - W 103°35'54.60"  
NMSPCE- N 393383.4  
E 768933.6  
(NAD-83)

**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.

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



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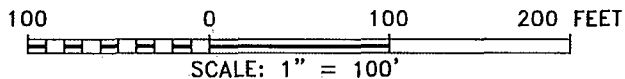
**CIMAREX ENERGY CO.**

REF: RED HILLS UNIT #24H / WELL PAD TOPO

THE RED HILLS UNIT #24H LOCATED 160' FROM  
THE NORTH LINE AND 1350' FROM THE WEST LINE OF  
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST.

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

W.O. Number: 29698 | Drawn By: K. NORRIS | Date: 11-19-2013 | Survey Date: 11-11-2013 | Sheet 1 of 1 Sheets



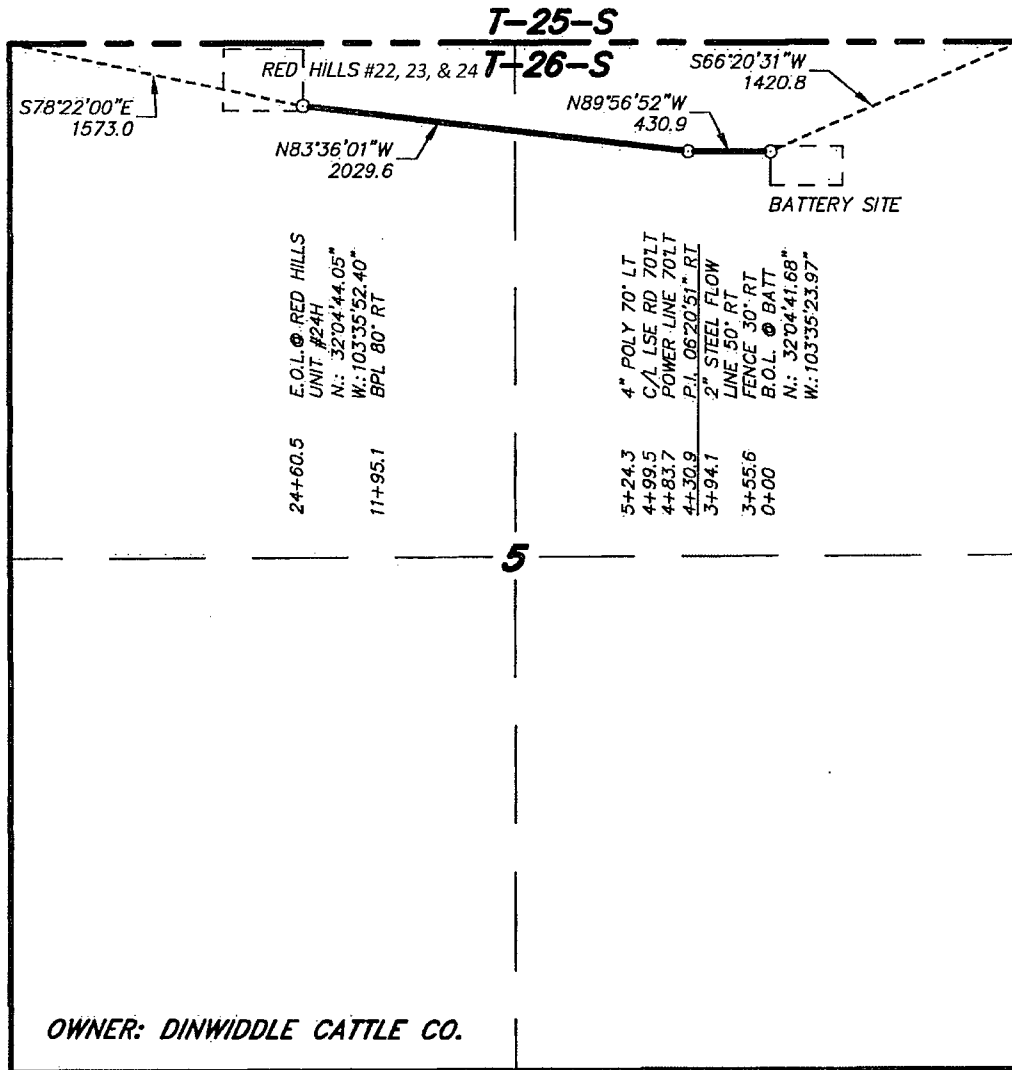
THE RED HILLS UNIT #24H LOCATED 160' FROM  
THE NORTH LINE AND 1350' FROM THE WEST LINE OF  
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST.  
N.M.P.M., LEA COUNTY, NEW MEXICO.

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





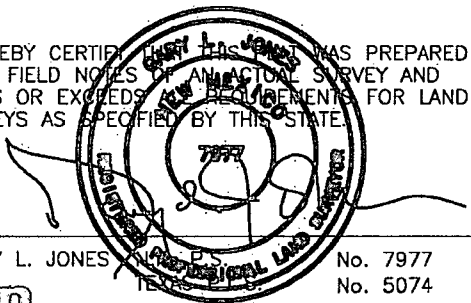
SECTION 5, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



**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 AN ACTUAL SURVEY AND MEETS OR EXCEEDS THE REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



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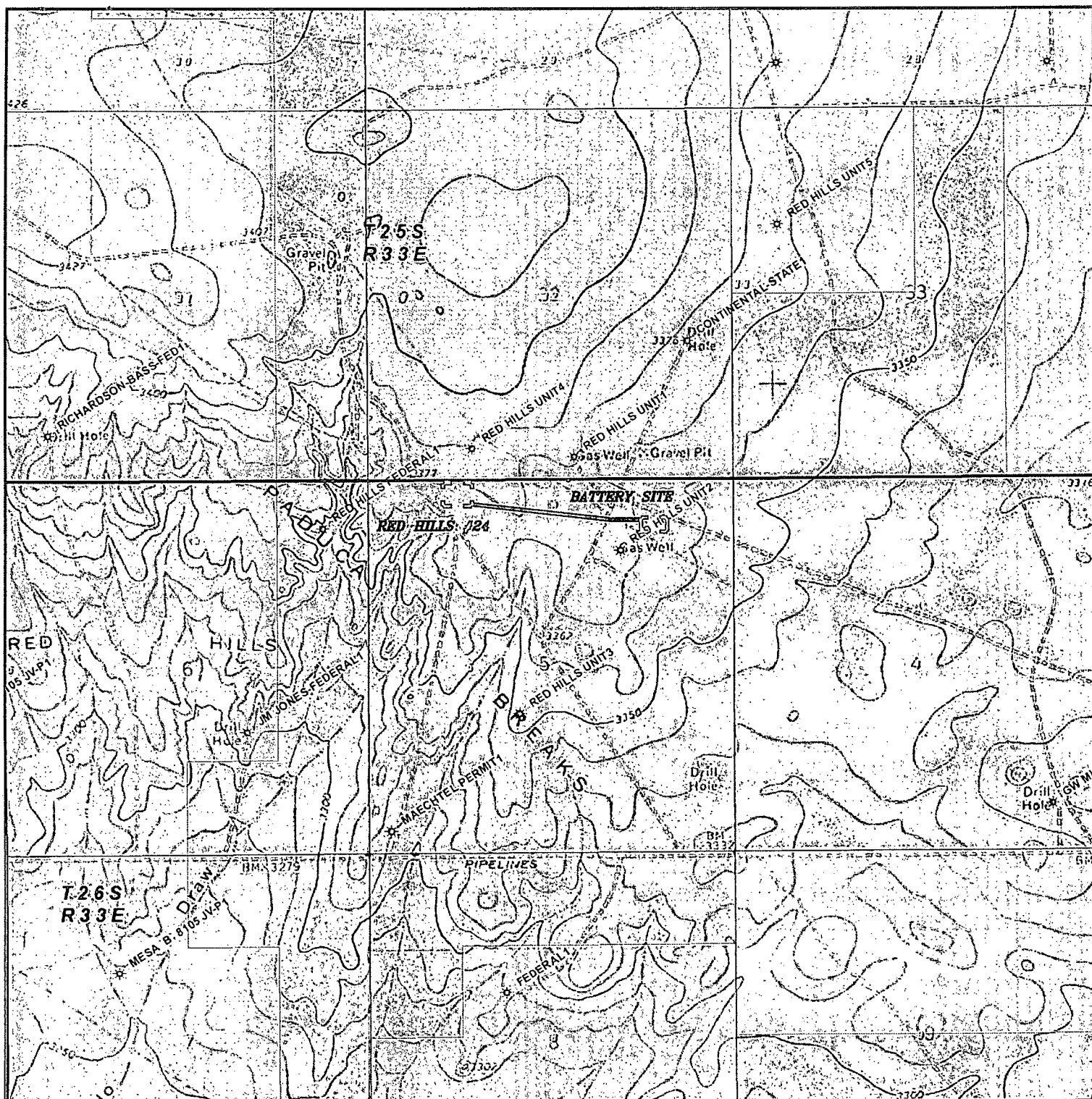
1000 0 1000 2000 FEET

**CIMAREX ENERGY CO.**

REF: PROPOSED FLOWLINE FOR RED HILLS #24 H

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 #24H**  
 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'

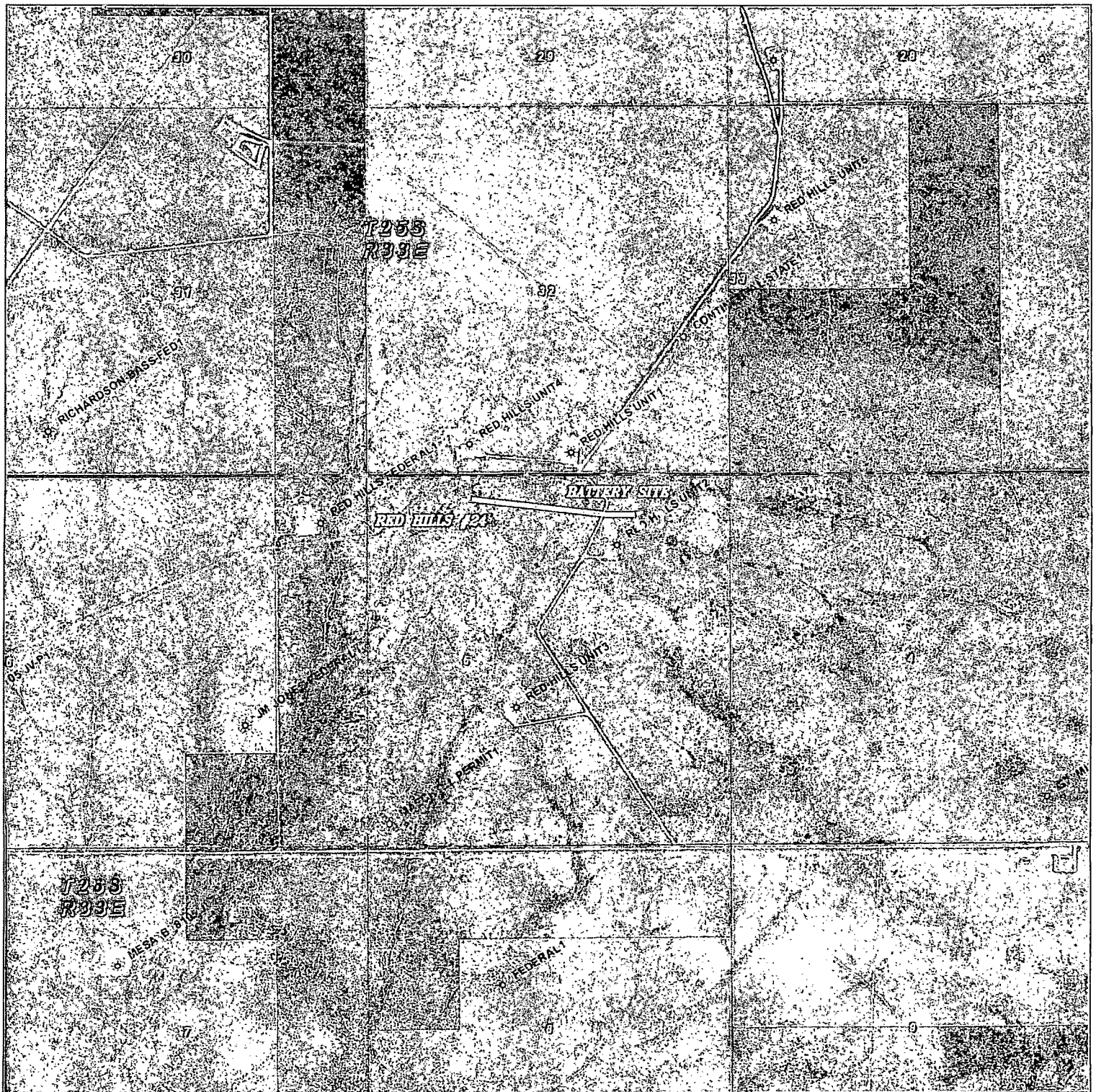
SCALE: 1" = 2000'

W.O. Number: KAN 30123

Survey Date: 02-20-2014

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

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



**PROPOSED FLOWLINE FOR RED HILLS #24H**  
**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'

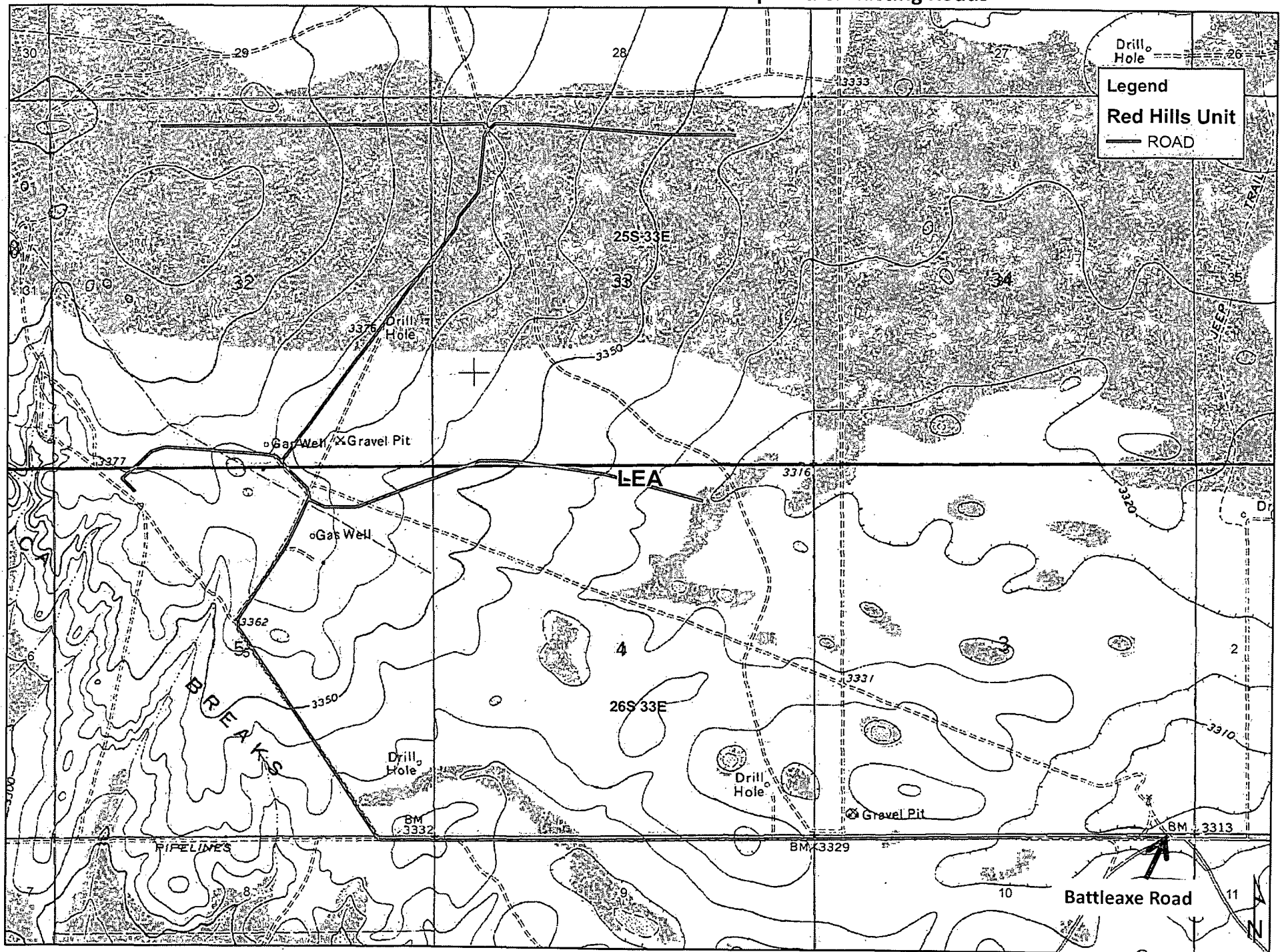
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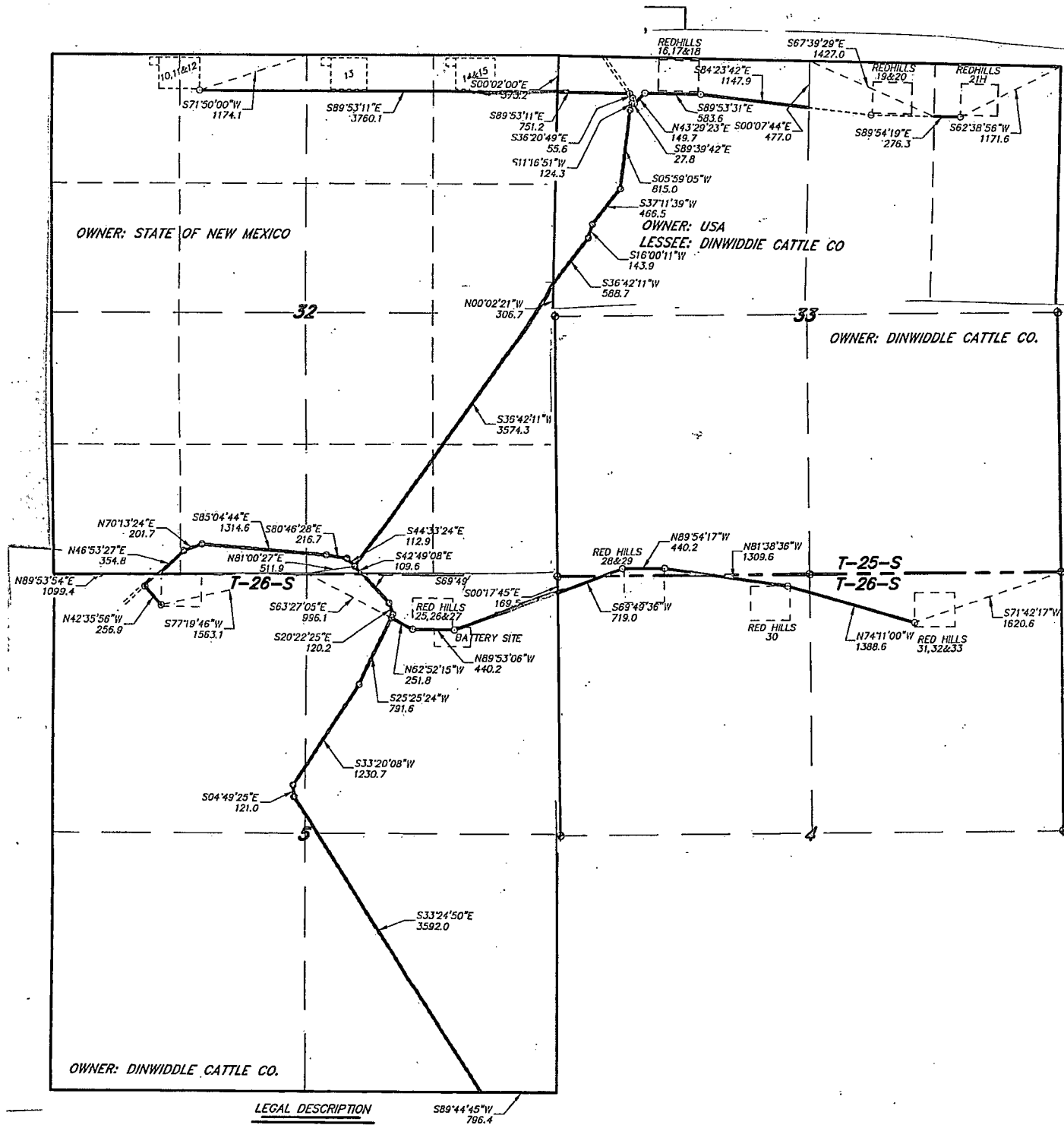
Survey Date: 02-20-2014

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

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

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

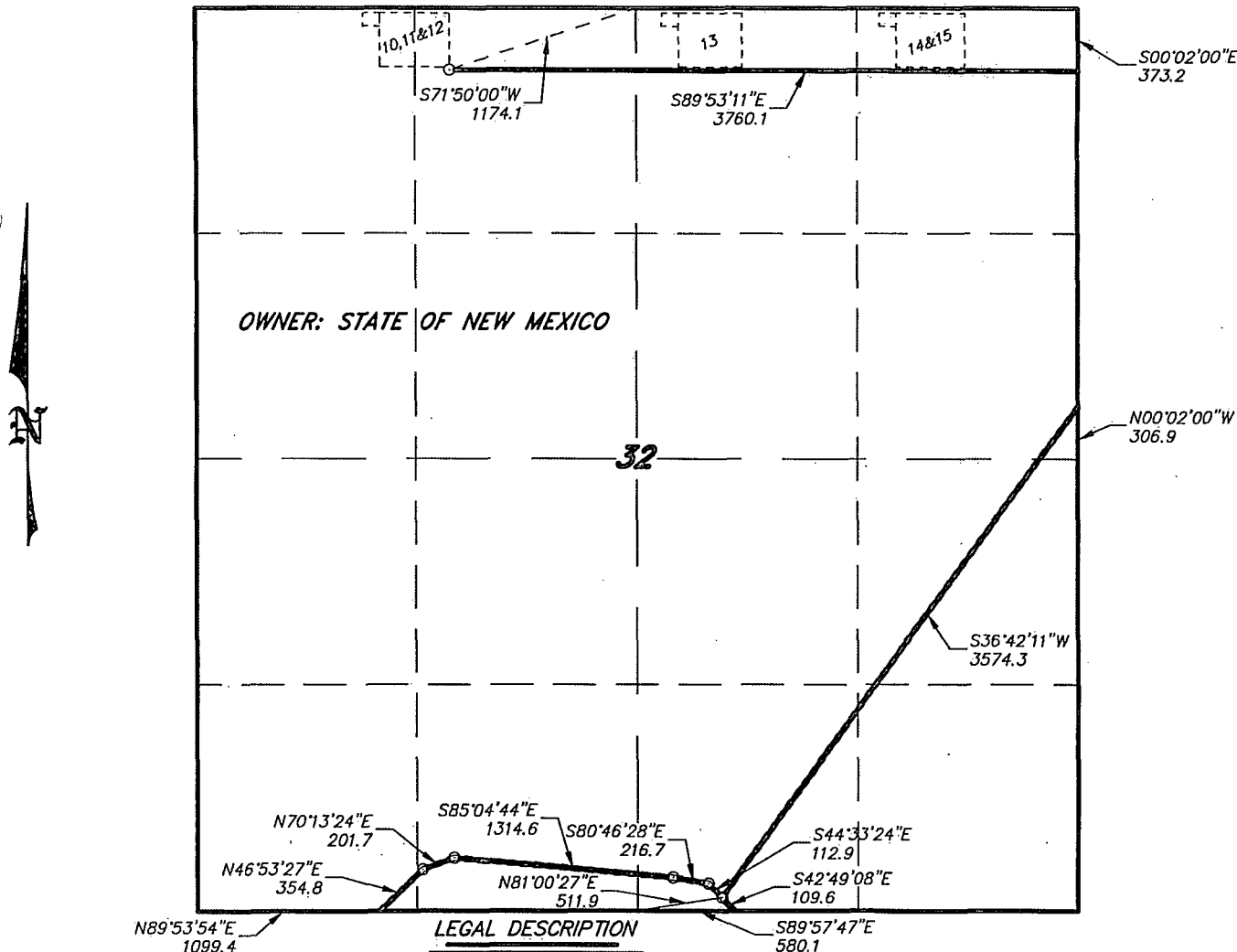




# Red Hills Unit Lease Road Information Plat consolidation

Exhibit C-2

SECTION 32, TOWNSHIP 25 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 32, TOWNSHIP 25 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.

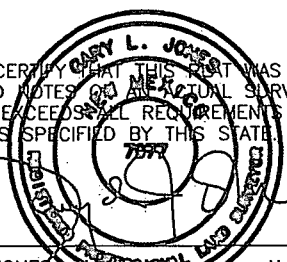
BEGINNING AT A POINT WHICH LIES S.71°50'00\"E., 1174.1 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 32; THENCE S.89°53'11\"E., 3760.1 FEET TO A POINT ON THE EAST SECTION LINE WHICH LIES S.00°02'00\"E., 373.2 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 32; THENCE BEGINNING AGAIN AT A POINT WHICH LIES N.00°02'00\"W., 306.9 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION 32; THENCE S.36°42'11\"W., 3574.3 FEET; THENCE S.42°49'08\"E., 109.6 FEET TO A POINT WHICH LIES S.89°57'47\"E., 580.1 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 32; THENCE BEGINNING AGAIN AT A POINT WHICH LIES N.89°53'54\"E., 1099.4 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 32; THENCE N.46°53'27\"E., 354.8 FEET; THENCE N.70°13'24\"E., 201.7 FEET; THENCE S.85°04'44\"E., 1314.6 FEET; THENCE S.80°46'28\"E., 216.7 FEET; THENCE S.44°33'24\"E., 112.9 FEET TO THE END OF THIS LINE WHICH LIES N.81°00'27\"E., 511.9 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 32. SAID STRIP OF LAND BEING 9644.7 FEET OR 584.53 RODS IN LENGTH AND CONTAINING 6.64 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 = 80.10 RODS = 0.91 ACRES  
SE/4 NE/4 = 23.20 RODS = 0.26 ACRES  
SW/4 SE/4 = 122.24 RODS = 1.39 ACRES

NW/4 NE/4 = 80.13 RODS = 0.91 ACRES  
NE/4 SE/4 = 99.83 RODS = 1.13 ACRES  
SE/4 SW/4 = 81.93 RODS = 0.93 ACRES

NE/4 NW/4 = 67.65 RODS = 0.77 ACRES  
SE/4 SE/4 = 10.90 RODS = 0.12 ACRES  
SW/4 SW/4 = 18.55 RODS = 0.22 ACRES

I HEREBY CERTIFY THAT THIS MAP 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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1000 0 1000 2000 FEET



**CIMAREX ENERGY CO.**

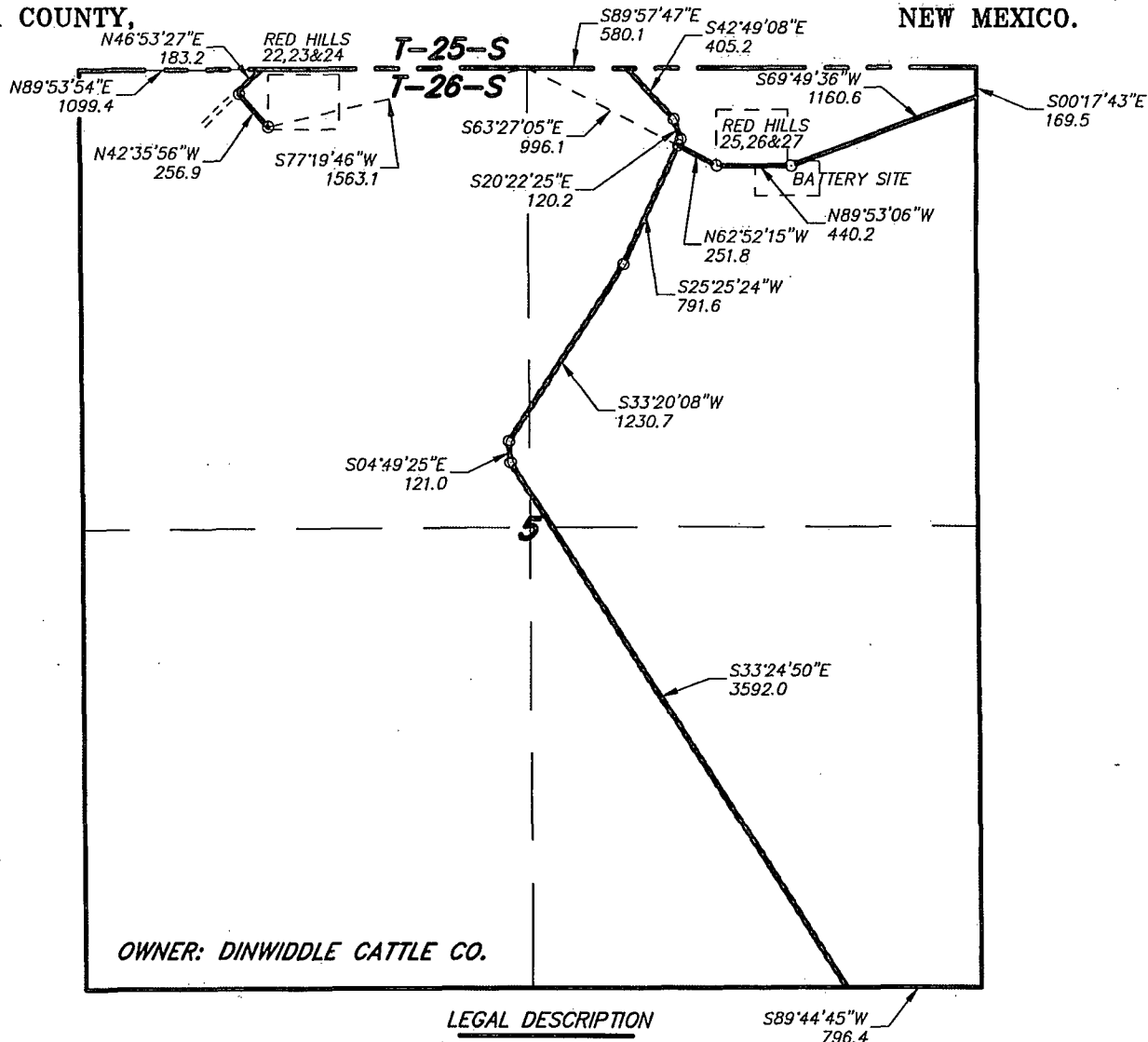
REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING STATE LAND IN  
SECTION 32, TOWNSHIP 25 SOUTH, RANGE 33 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

W.O. Number: 30010 Drawn By: J. SMALL Date: 11-26-2013 Survey Date: 11-12-2013 Sheet 3 of 8 Sheets



# 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"W., 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

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(575) 392-2206 - Fax  
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1000 0 1000 2000 FEET

**CIMAREX ENERGY CO.**

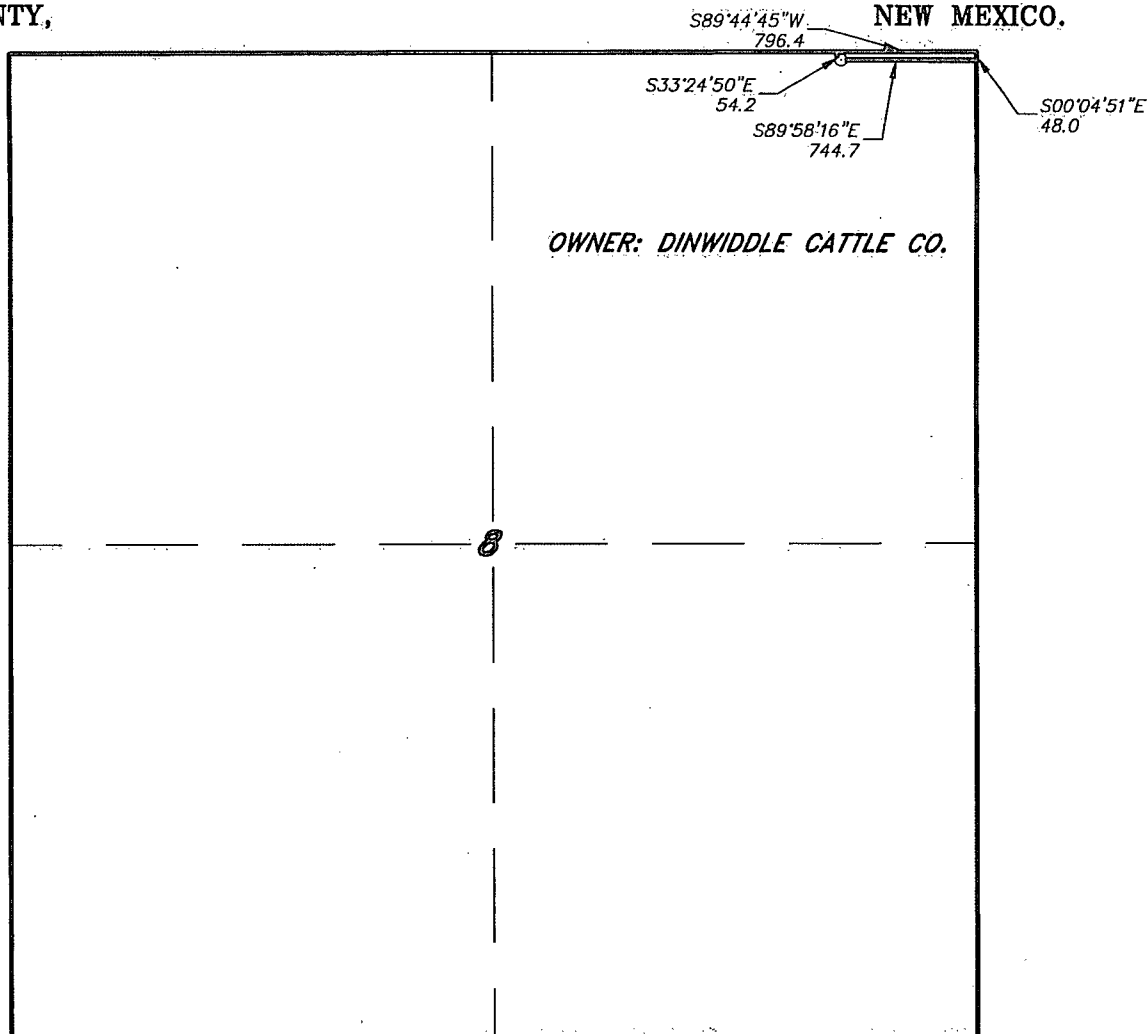
REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING FEE LAND IN  
SECTION 5, 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 4 of 8 Sheets



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



OWNER: DINWIDDLE CATTLE CO.

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 PLAN 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, Surveyor No. 7977  
No. 5074

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(575) 392-2206 - Fax  
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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 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

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

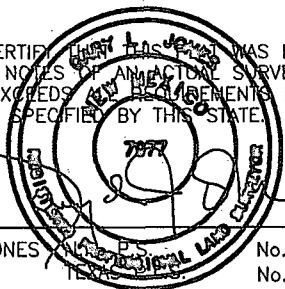
9

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 MAP WAS PREPARED  
FROM FIELD NOTES OF AN ACTUAL 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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basinsurveys.com

1000 0 1000 2000 FEET



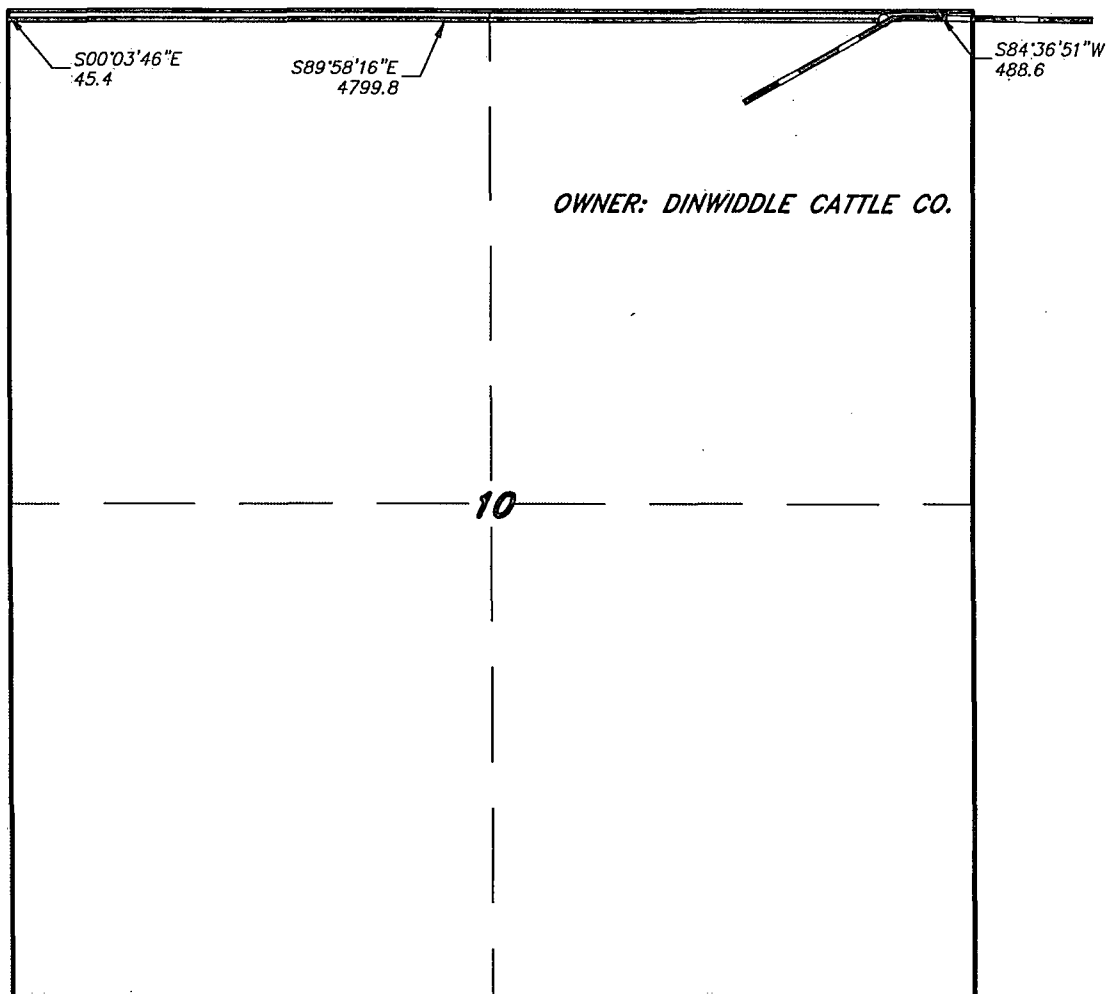
**CIMAREX ENERGY CO.**

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 MAP 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

**basin**  
**surveys**  
focused on excellence  
in the oilfield

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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 10, 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 8 of 8 Sheets

Application to Drill  
**Red Hills Unit 24H**  
Cimarex Energy Co.  
UL: C, Sec. 5, 26S, 33E  
LEA Co., NM

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

**1. Location:** SHL 160 FNL & 1350 FWL

BHL 330 FSL & 2200 FWL

**2. Elevation Above Sea Level:** 3,379' GR

**3. Geologic Name of Surface Formation:** Quaternary Alluvium Deposits

**4. Drilling Tools and Associated Equipment:** Conventional rotary drilling rig using fluid as a circulating medium for solids removal

**5. Proposed Drilling Depth:** 14,684 MD 9,875 TVD Pilot Hole TD: N/A

**6. Estimated Tops of Geological Markers:**

Formation	Est Top	Bearing
Rustler	995	N/A
Salt	1140	N/A
Castille	3380	N/A
Lamar	4900	N/A
Bell Canyon	4945	N/A
Cherry Canyon	6190	N/A
Brushy Canyon	7485	N/A
Bone Spring	9045	Hydrocarbons
U. Avalon (Leonard)	9080	Hydrocarbons
L. Avalon	9680	Hydrocarbons

**7. Possible Mineral Bearing Formation:** Shown above

**7A. OSE Ground Water Estimated Depth:** 180'

**8. Casing Program:**

Name	Casing Depth From (ft)	Casing Setting Depth (ft) MD	Casing Setting Depth (ft) TVD	Open Hole Size (inches)	Casing Size (inches)	Casing Weight (lb/ft)	Casing Grade	Thread	Condition	BHP (psig)	Anticipated Mud Weight (ppg)	Collapse SF at Full Evacuation (1.125)	Collapse SF at 1/3 Evacuation (1.125)	Burst SF (1.125)	Cumulative Air Weight	Cumulative Bouyed Weight (lbs)	Bouyant Tension SF (1.8)
Surface	0	1045	9239	17 1/2	13-3/8"	48.00	H-40	ST&C	New	478	8.8	1.55		3.62	50,160	43,421	7.42
Intermediate	0	4920	4920	12 1/4	9-5/8"	36.00	J-55	LT&C	New	2583	10.1		1.17	1.36	177,120	149,808	3.02
Production	0	9239	9239	8 3/4	5-1/2"	17.00	L-80	LT&C	New	4419	9.2	1.42		1.75	167,875	144,295	2.34
Production	9239	14684	9875	8 3/4	5-1/2"	17.00	L-80	BT&C	New	4724	9.2	1.33		1.64	10,812	9,293	42.72

Note: Operator may drill a 8-1/2" OH from end of curve to TD of the well. This is to reduce the need to ream the conventionally drilled curve to run a RSS assembly into the lateral.