

**DISTRICT I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone (505) 393-6101 Fax: (505) 393-0720

**DISTRICT II**  
811 S. First St., Artesia, NM 88210  
Phone (505) 740-1200 Fax: (505) 740-0720

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6170 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

**HOBBS OCD** Form C-102  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Submit one copy to appropriate District Office  
**MAY 19 2015**

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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-42572</b>	Pool Code <b>97994</b>	Pool Name <b>WC-025 G-06 5253329D; UPPER BS</b>
Property Code <b>300545</b>	Property Name <b>RED HILLS UNIT</b>	Well Number <b>20H</b>
GRID No. <b>162683</b>	Operator Name <b>CIMAREX ENERGY COMPANY OF COLORADO</b>	Elevation <b>3351</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/EAST line	County
<b>B</b>	<b>33</b>	<b>25 S</b>	<b>33 E</b>		<b>330</b>	<b>NORTH</b>	<b>1745</b>	<b>EAST</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/EAST line	County
<b>O</b>	<b>33</b>	<b>25 S</b>	<b>33 E</b>		<b>330</b>	<b>SOUTH</b>	<b>1330</b>	<b>EAST</b>	<b>LEA</b>

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>160</b>			<b>NSL Pending</b>

**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: 398848.7 E: 772836.8 (NAD83)</p> <p>N: 398850.8 E: 775471.6 (NAD83)</p> <p><b>SURFACE LOCATION</b> Lat - N 32°05'36.16" Long - W 103°34'27.79" NMSPCE- N 398534.5 E 776366.7 (NAD-83)</p> <p>NM05792</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°04'50.47" Long - W 103°34'22.84" NMSPCE- N 393920.4 E 776824.9 (NAD-83)</p> <p>N: 393567.9 E: 772871.6 (NAD83)</p>	<p>N: 398971.9 E: 778108.5 (NAD83)</p> <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>[Signature]</i> 1/31/2014 Signature Date <b>Terri Stathem</b> Printed Name <b>tstathem@cimarex.com</b> Email Address</p> <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><b>NOVEMBER 10 2013</b> Date Surveyed Signature of Professional Surveyor <i>[Signature]</i> Certificate No. 7977 Basic Services</p> <p>0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 29706</p>
--	--

**MAY 19 2015**

## Operator - Land Owner Agreement

Company: Cimarex Energy Co.

Proposed Well: Red Hills Unit 20H

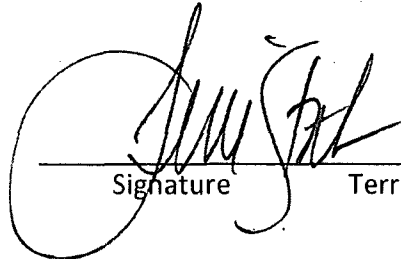
Federal Lease Number: NM00005792

Please be advised that Cimarex Energy Co. has an agreement with the surface owner, listed below, concerning entry and surface restoration after completion of drilling operations at the above described well.

**Dinwiddle Cattle Company, LLC**  
**Tommy Dinwiddle**  
**P.O. Box 374**  
**Roswell, NM 88202**  
**575-355-7610**

After abandonment of the well, all pits will be filled and levelled and all equipment and trash will be removed from the well site. No other requirements were made concerning restoration of the well site.

9/11/2014  
Date

  
Signature Terri Stathem

SHL Red Hills Unit 20H

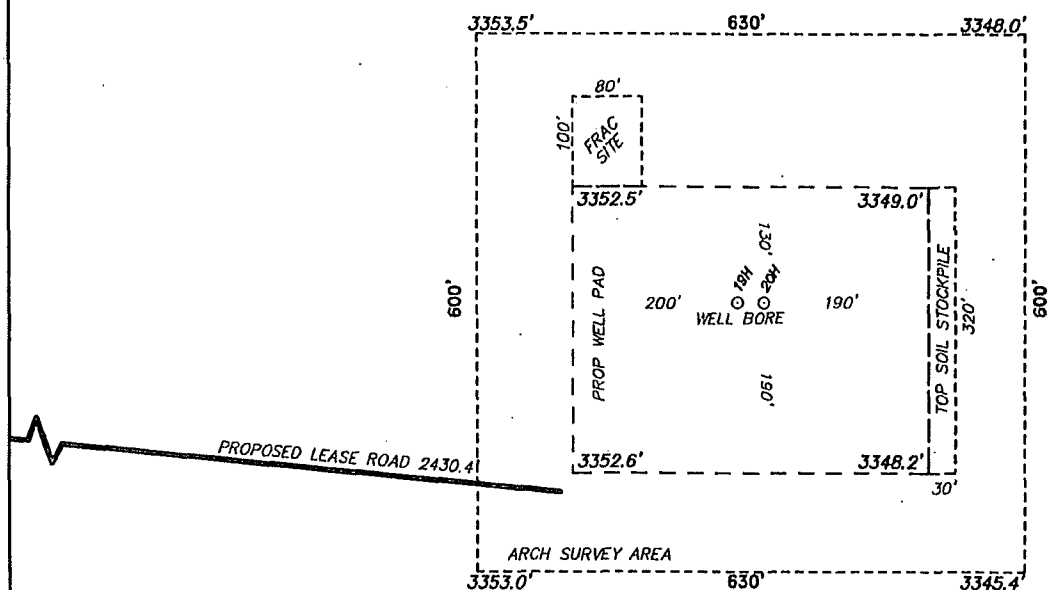
RED HILLS UNIT

BHL Red Hills Unit 20H

TOM BROWN INC. (OPER)

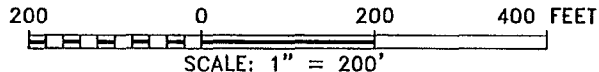
Exhibit A - One-Mile Radius Map  
 Red Hills Unit 20H  
 Cimarex Energy Co. of Colorado  
 33-255-33E  
 SHL 330 FNL & 1745 FEL  
 BHL 330 FSL & 1330 FEL  
 Lea County, NM  
 (Broughton Pct)

SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST. N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



CIMAREX ENERGY COMPANY  
RED HILLS UNIT #20H  
ELEV. - 3351'  
Lat - N 32°05'36.16"  
Long - W 103°34'27.79"  
NMSPCE- N 398534.5  
E 776366.7  
(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, EAST 2.3 MILES,  
NORTH AND FOLLOW LEASE ROAD 2.2 MILES TO  
PROPOSED LEASE ROAD.

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1120 N. West County Rd.  
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(575) 392-2206 - Fax  
basinsurveys.com

**CIMAREX ENERGY CO.**

REF: RED HILLS UNIT #20H / WELL PAD TOPO

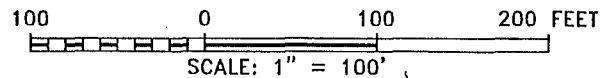
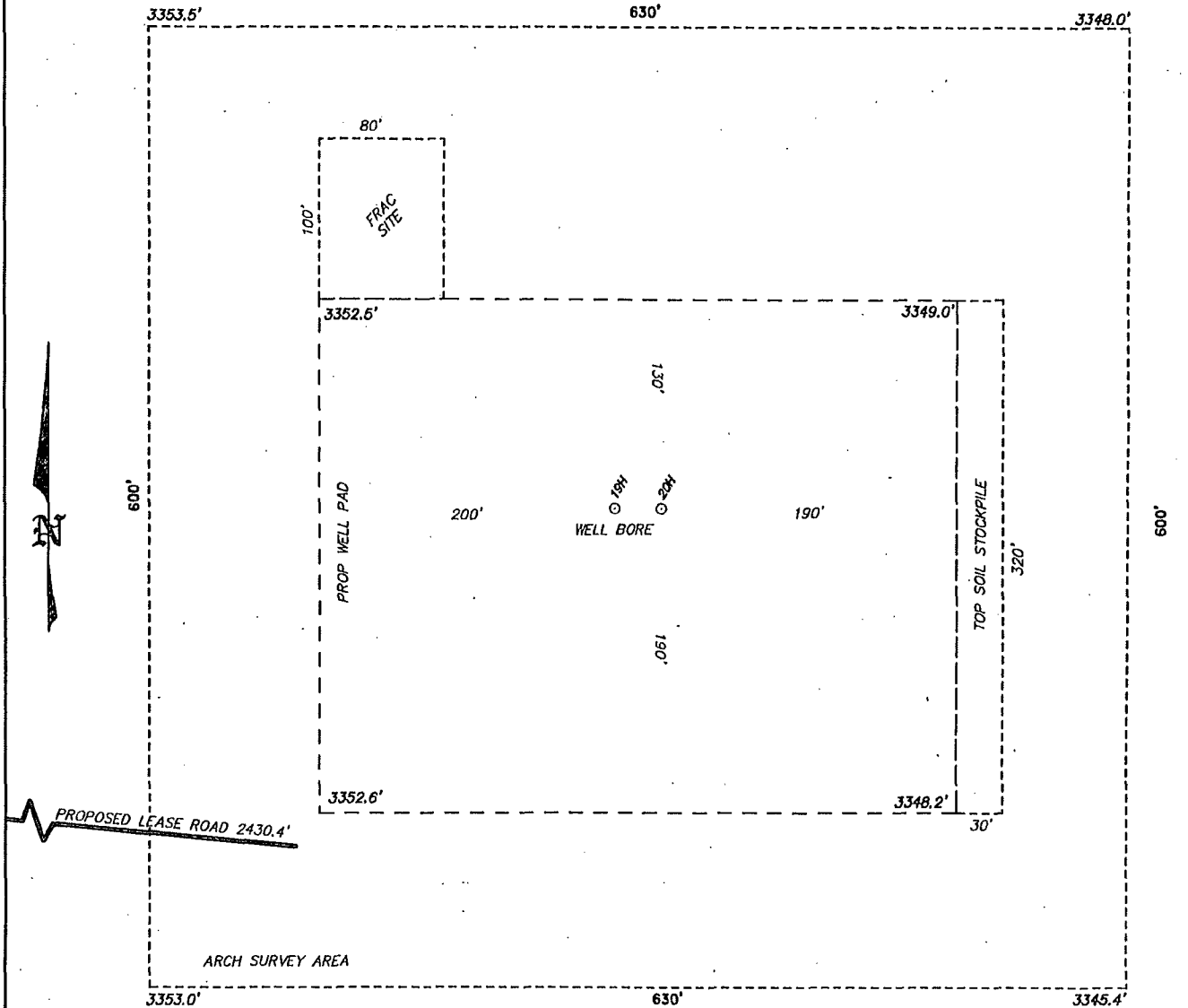
THE RED HILLS UNIT #20H LOCATED 330' FROM  
THE NORTH LINE AND 1745' FROM THE EAST LINE OF  
SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST.

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

W.O. Number: 29706 | Drawn By: K. NORRIS | Date: 11-20-2013 | Survey Date: 11-13-2013 | Sheet 1 of 1 Sheets

Exhibit C-1

SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST. N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



**CIMAREX ENERGY CO.**

REF: RED HILLS UNIT #20H / WELL PAD TOPO

THE RED HILLS UNIT #20H LOCATED 330' FROM  
THE NORTH LINE AND 1745' FROM THE EAST LINE OF  
SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST.

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

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W.O. Number: 29706

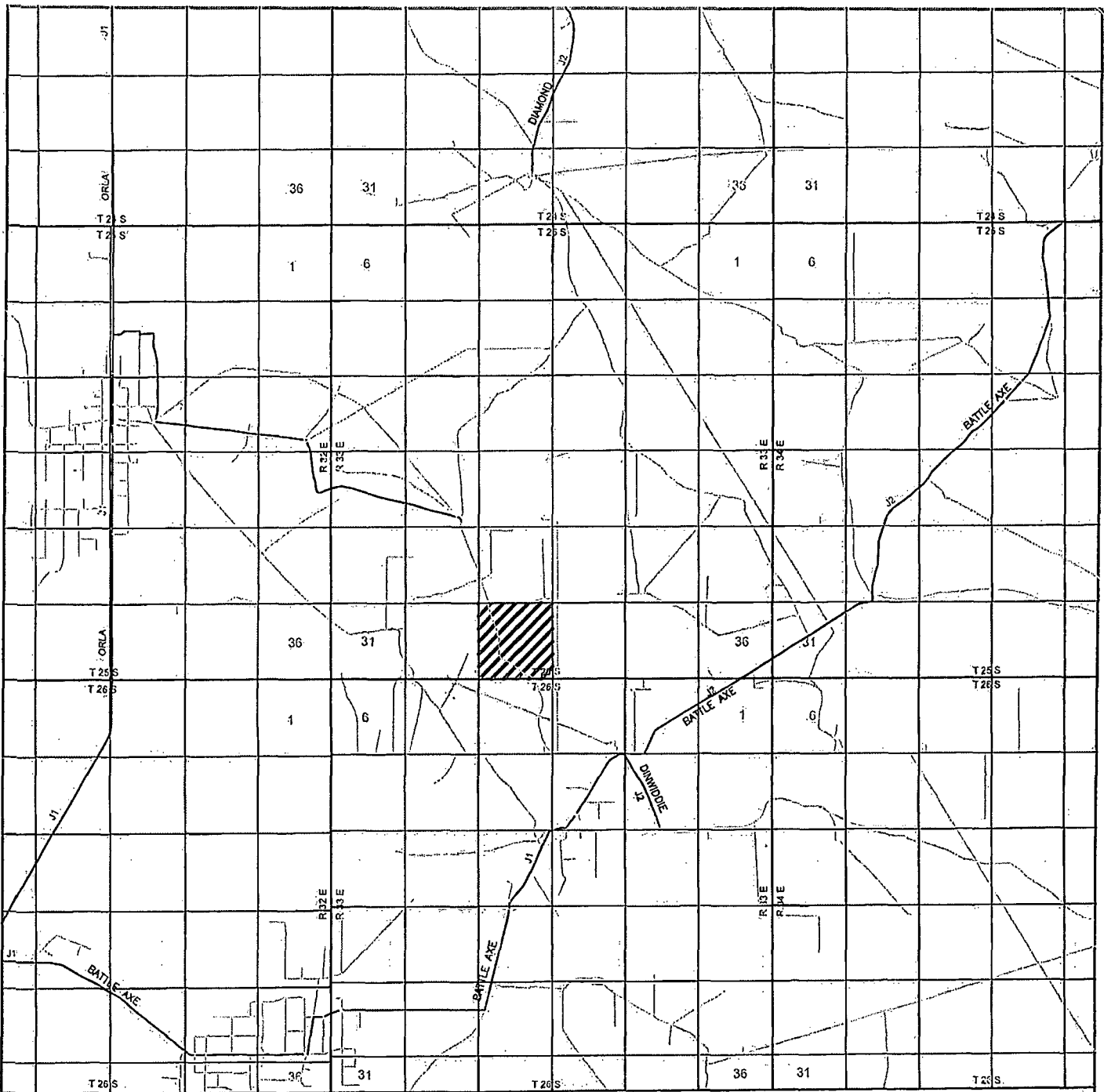
Drawn By: K. NORRIS

Date: 11-20-2013

Survey Date: 11-13-2013

Sheet 1 of 1 Sheets

Exhibit C-1



### RED HILLS UNIT #20H

Located 330' FNL and 1745' FEL  
 Section 33, Township 25 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 29706  
 Survey Date: 11-13-2013  
 YELLOW TINT - USA LAND  
 BLUE TINT - STATE LAND  
 NATURAL COLOR - FEE LAND

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

Section 33, Township 25 South, Range 33 East,  
N.M.P.M., Lea County, New Mexico.

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(575) 392-2206 - Fax  
basinsurveys.com

0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

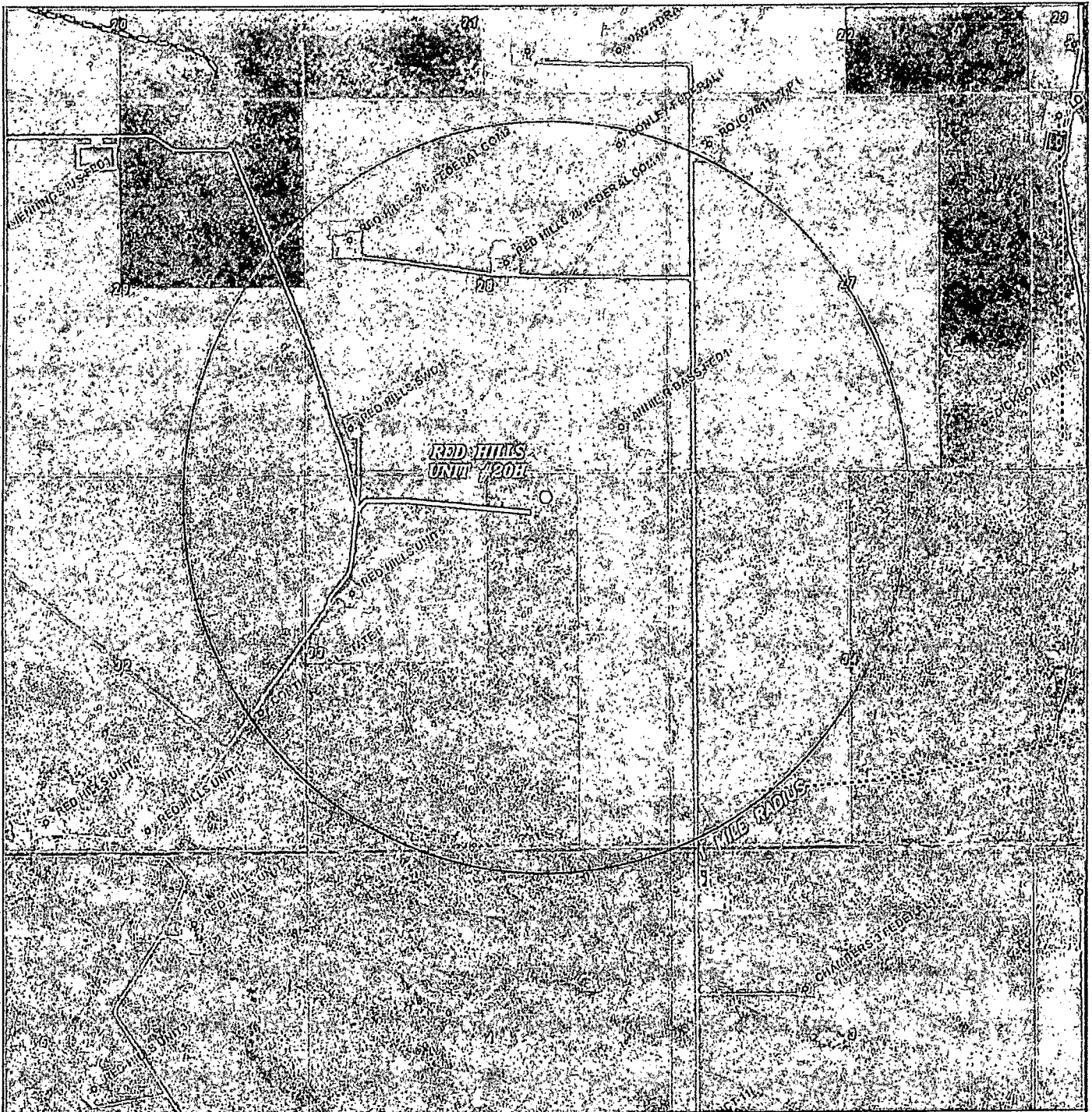
W.O. Number: KAN 29706

Survey Date: 11-13-2013

YELLOW TINT - USA LAND

BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

**CIMAREX  
ENERGY CO.  
OF COLORADO**



## RED HILLS UNIT #20H

Located 330' FNL and 1745' FEL  
 Section 33, Township 25 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 29706

Survey Date: 11-13-2013

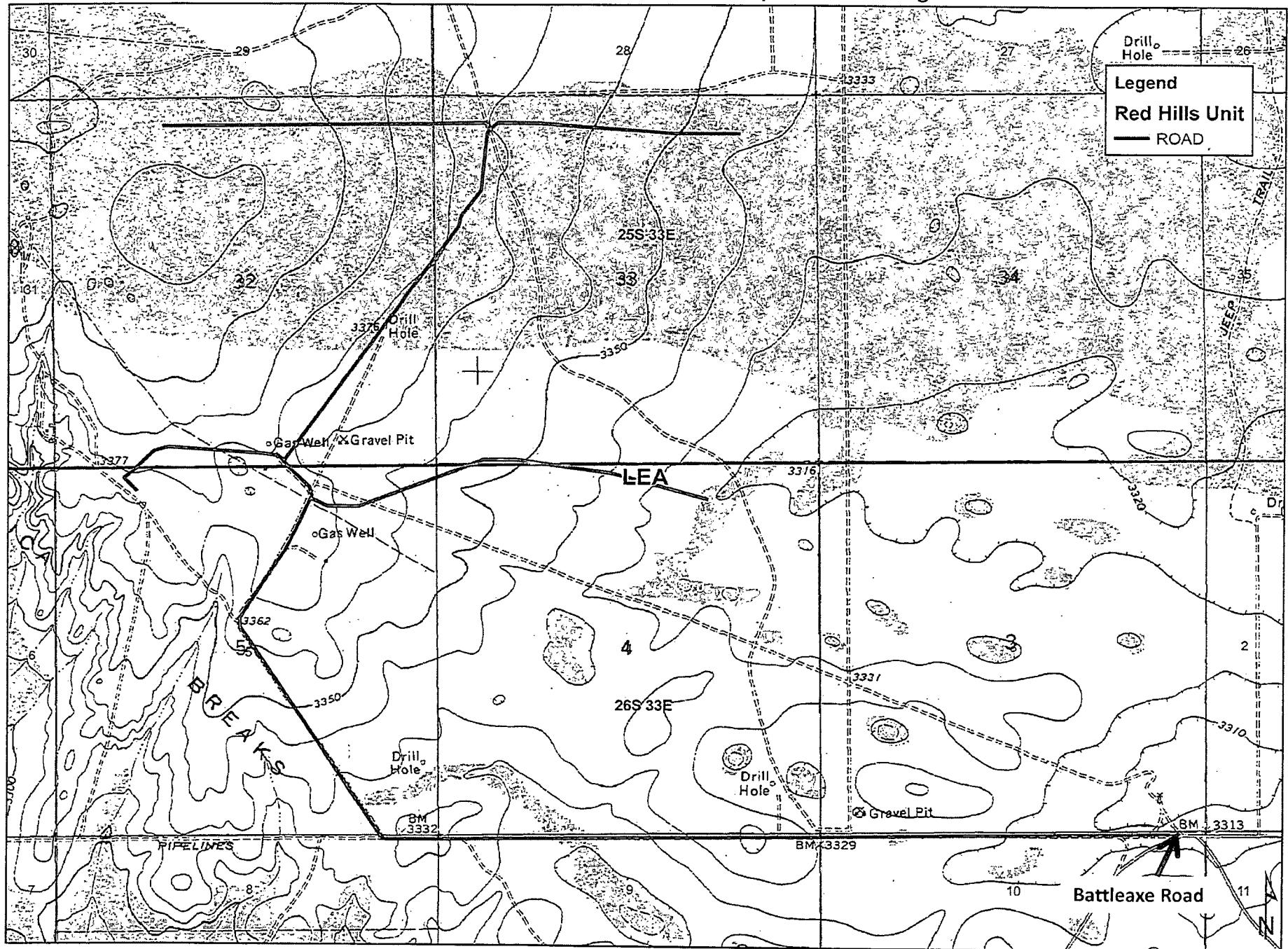
YELLOW TINT - USA LAND  
 BLUE TINT - STATE LAND  
 NATURAL COLOR - FEE LAND

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



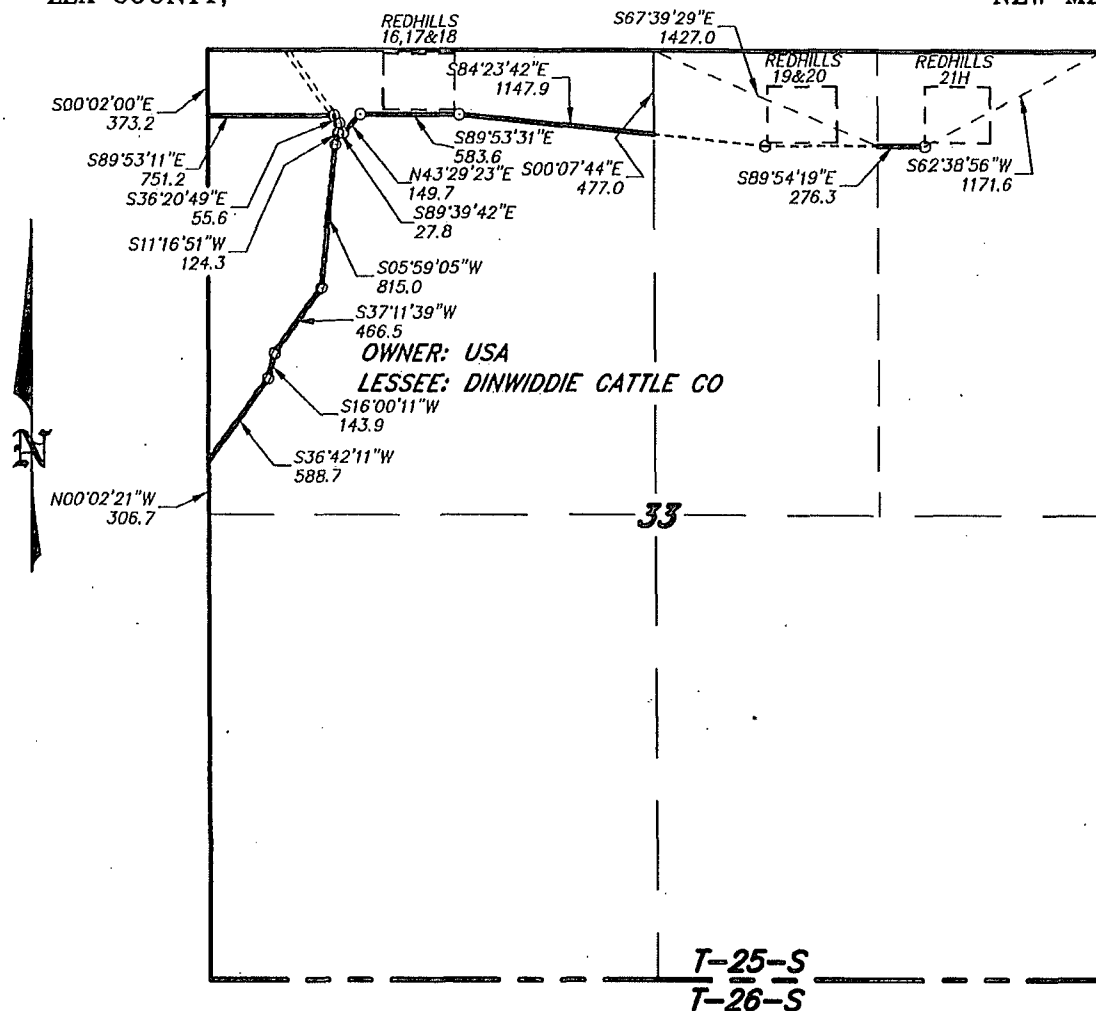
# RED HILLS UNIT

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





SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

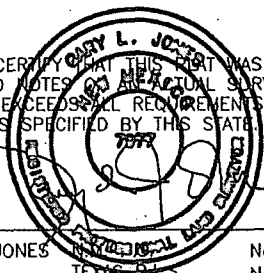


LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

5130.5 FEET = 0.97 MILES = 310.94 RODS = 3.53 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.



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in the oilfield

GARY L. JONES

TEXAS P.L.S.

No. 7977

No. 5074

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

1000 0 1000 2000 FEET

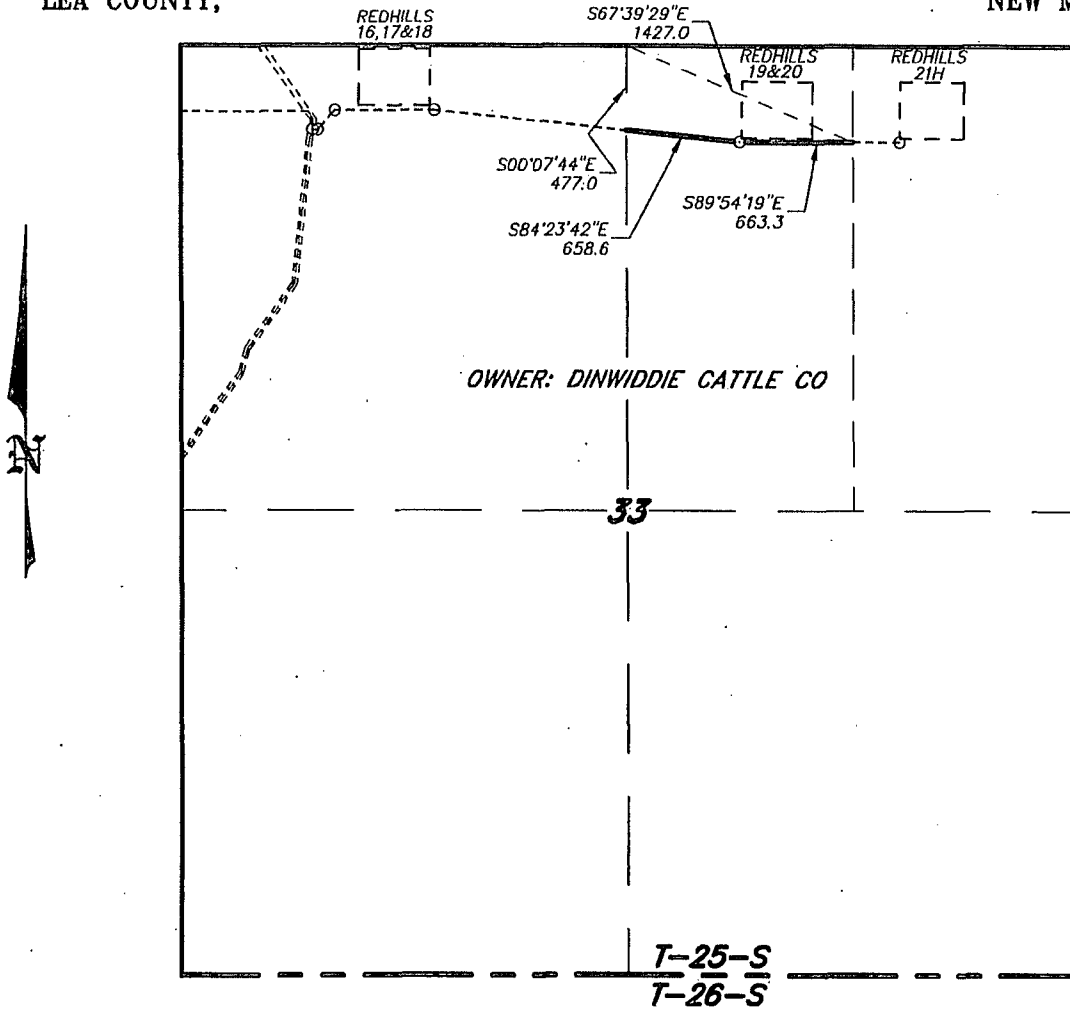
**CIMAREX ENERGY CO.**

REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING USA LAND IN  
SECTION 33, 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 1 of 8 Sheets

**SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.**

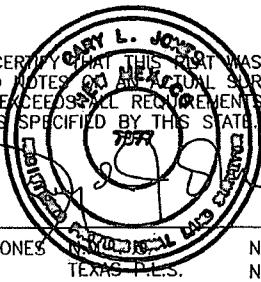


**LEGAL DESCRIPTION**

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 33, 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 ON THE EAST PROPERTY LINE WHICH LIES S.00°07'44\"E., 477.0 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 33; THENCE S.84°23'42\"W., 658.6 FEET; THENCE S.89°54'19\"E., 663.3 FEET TO A POINT ON THE EAST PROPERTY LINE WHICH LIES S.67°39'29\"E., 1427.0 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 33. SAID STRIP OF LAND BEING 1321.9 FEET OR 80.12 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

TEXAS P.E.S.

No. 7977  
No. 5074

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1000 0 1000 2000 FEET



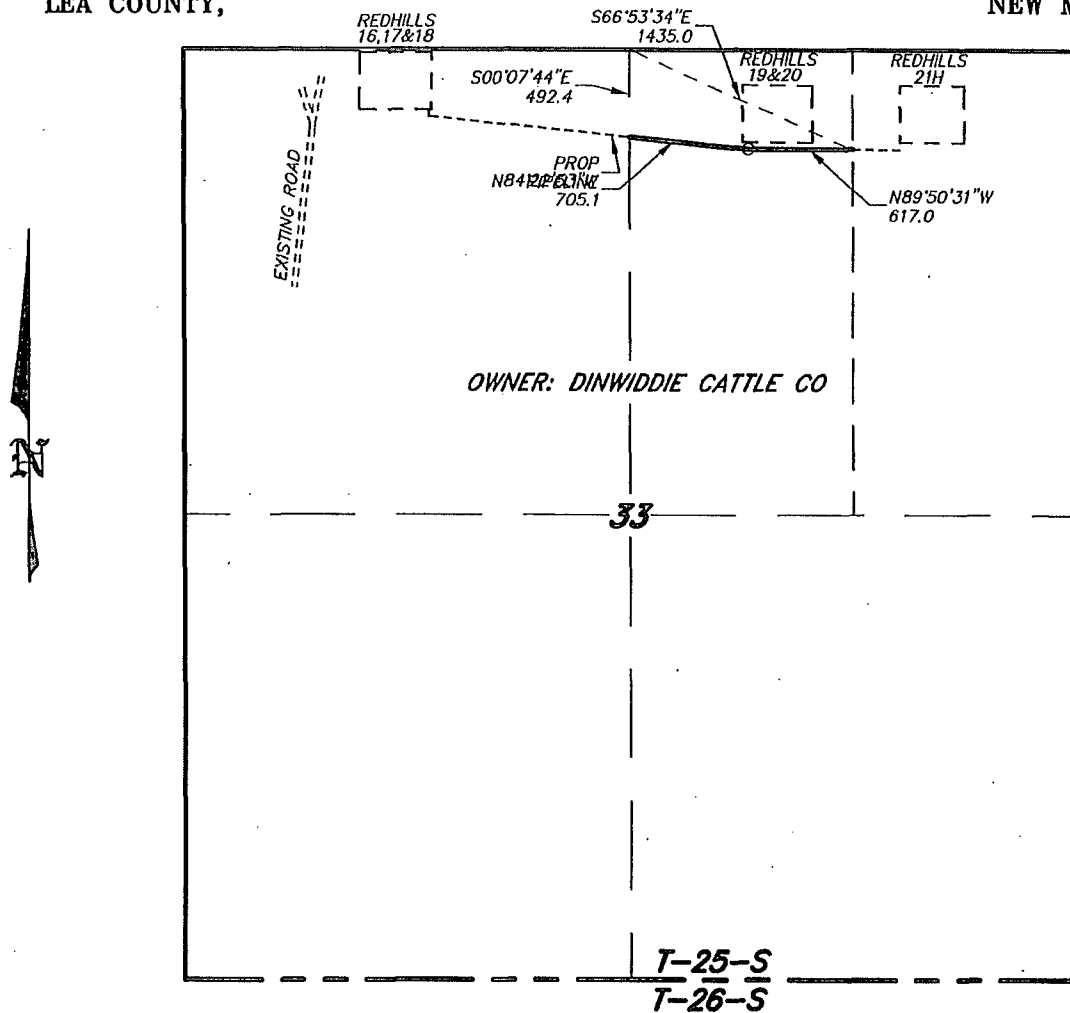
**CIMAREX ENERGY CO.**

REF: RED HILLS UNIT WELLS ROAD

A ROAD CROSSING FEE LAND IN  
SECTION 33, 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 2 of 8 Sheets

SECTION 33, 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 33, 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 ON THE EAST PROPERTY LINE WHICH LIES S.66°53'34"E., 1435.0 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 33; THENCE N.89°50'31"W., 617.0 FEET; THENCE N.84°22'53"W., 705.1 FEET TO A POINT ON THE WEST PROPERTY LINE WHICH LIES S.00°07'44"E., 492.4 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 33. SAID STRIP OF LAND BEING 1322.1 FEET OR 80.13 RODS IN LENGTH.

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

GARY L. JONES

TEXAS P.L.S.

No. 7977

No. 5074

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

W.O. Number: 29208

Drawn By: J. GOAD

Date: 8-19-2013

Disk: JG - RED HILLS

Survey Date: 8-5-2013

Sheet 2 of 2 Sheets

1000 0 1000 2000 FEET

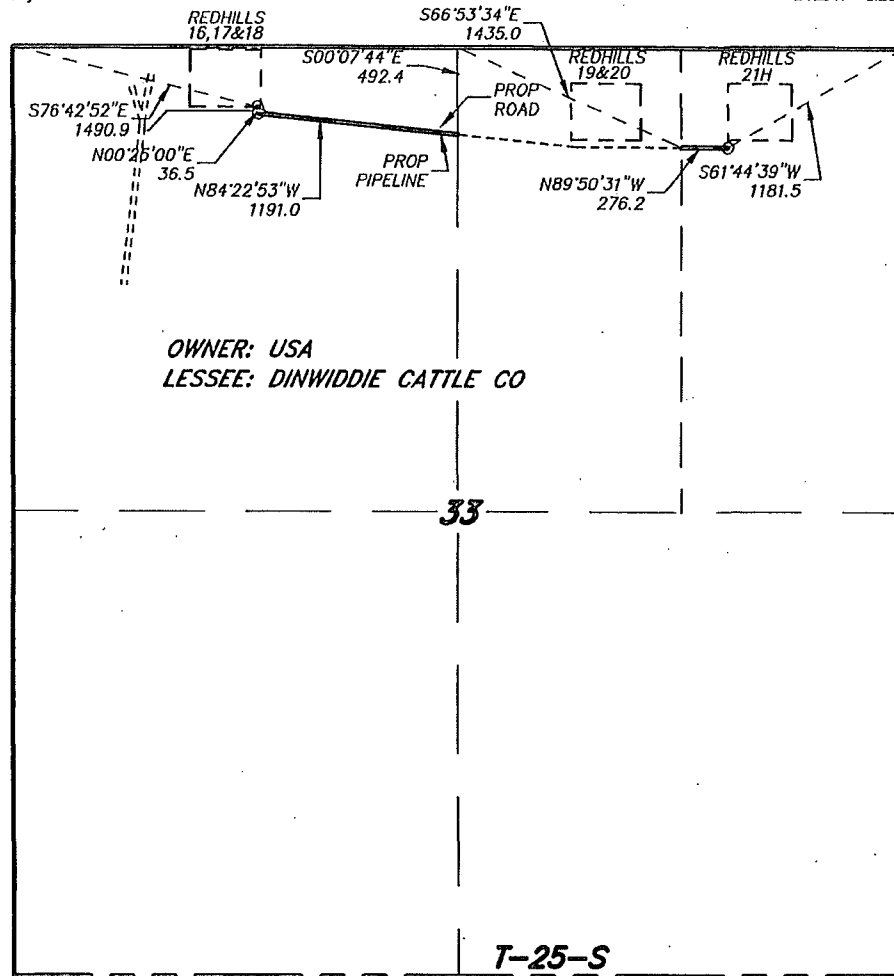
**CIMAREX ENERGY CO. OF COLORADO**

REF: PROPOSED RED HILLS UNIT #16,17,18,19,20&21H PIPELINE

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

Exhibit G

SECTION 33, 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 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

1503.7 FEET = 0.28 MILES = 91.13 RODS = 1.03 ACRES

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

GARY L. JONES  
TEXAS P.L.S. No. 7977  
No. 5074

1000 0 1000 2000 FEET

**CIMAREX ENERGY CO. OF COLORADO**

REF: PROPOSED RED HILLS UNIT #16,17,18,19,20&21H PIPELINE

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

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

W.O. Number: 29208

Drawn By: J. GOAD

Date: 8-19-2013

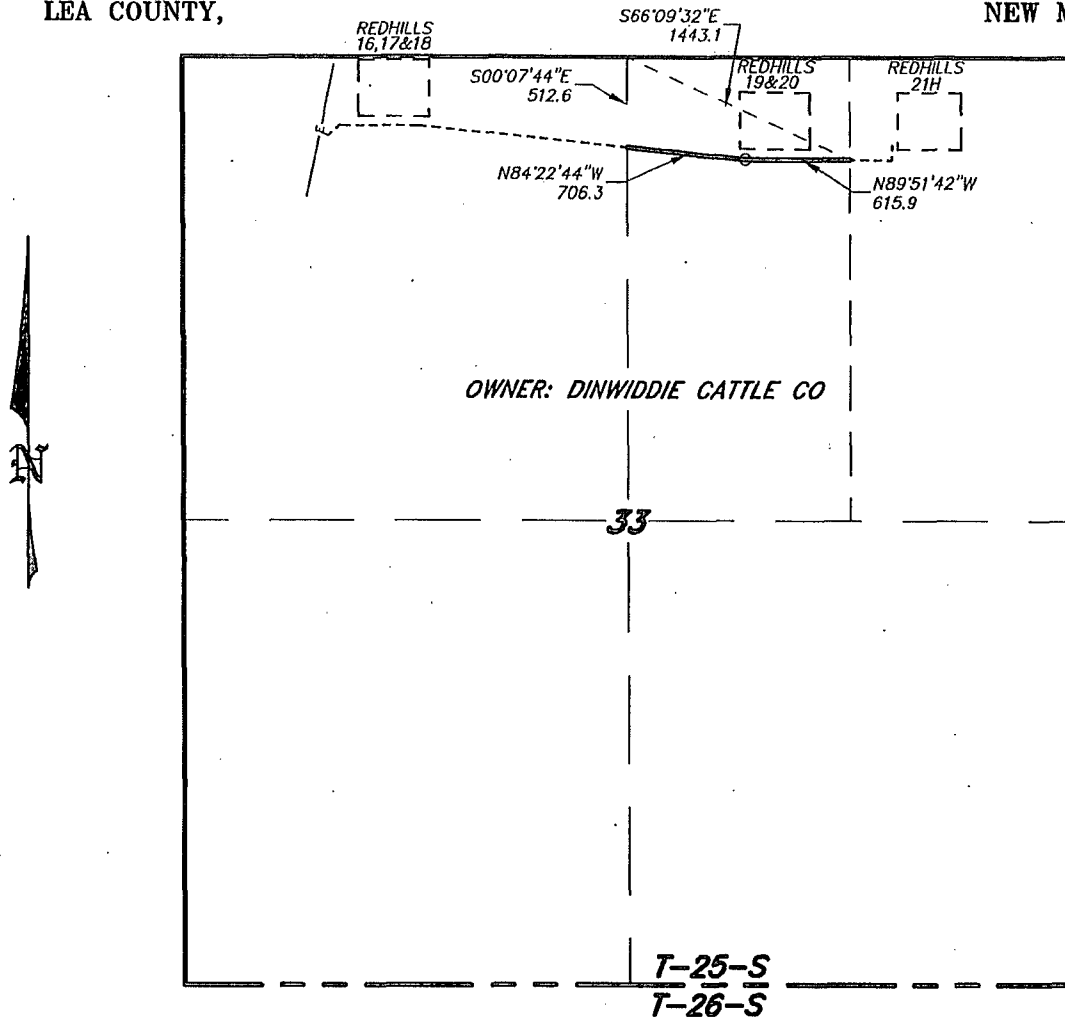
Disk: JG - RED HILLS

Survey Date: 8-5-2013

Sheet 1 of 2 Sheets

Exhibit G

**SECTION 33, 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 33, 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 ON THE EAST PROPERTY LINE WHICH LIES S.6°09'32"E., 1443.1 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 33; THENCE N.89°51'42"W., 615.9 FEET; THENCE N.84°22'44"W., 706.3 FEET TO A POINT ON THE WEST PROPERTY LINE WHICH LIES S.00°07'44"E., 512.6 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 33. SAID STRIP OF LAND BEING 1322.2 FEET OR 80.13 RODS. IN LENGTH.

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

**GARY L. JONES**  
N.M. & ALABAMA  
TEXAS P.L.S.  
No. 7977  
No. 5074

1000 0 1000 2000 FEET

**CIMAREX ENERGY CO. OF COLORADO**

REF: PROPOSED RED HILLS UNIT #16,17,18,19,20&21H ELECTRIC LINE

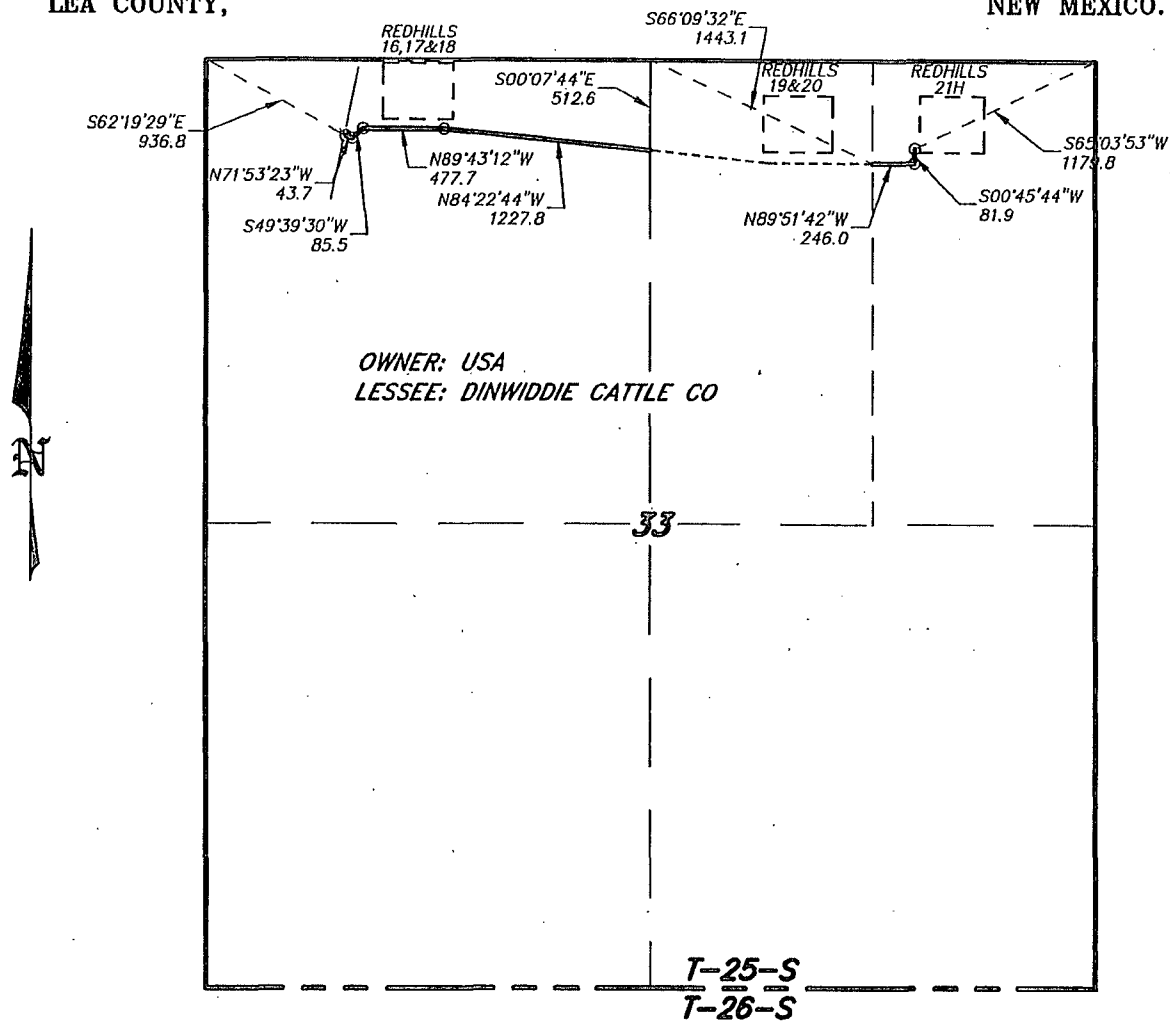
AN ELECTRIC LINE CROSSING FEE LAND IN  
SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

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

W.O. Number: 29208	Drawn By: J. GOAD
Date: 8-19-2013	Survey Date: 8-5-2013
Disk: JG - RED HILLS	Sheet 2 of 2 Sheets

Exhibit H

SECTION 33, 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 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

2162.6 FEET = 0.41 MILES = 131.07 RODS = 1.49 ACRES

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

**GARY L. JONES**  
T.M.  
TEXAS P.L.S.

No. 7977  
No. 5074

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

W.O. Number: 29208 Drawn By: J. GOAD

Date: 8-19-2013 Disk: JG - RED HILLS

1000 0 1000 2000 FEET

**CIMAREX ENERGY CO. OF COLORADO**

REF: PROPOSED RED HILLS UNIT #16,17,18,19,20&21H ELECTRIC LINE

AN ELECTRIC LINE CROSSING USA LAND IN  
SECTION 33, TOWNSHIP 25 SOUTH, RANGE 33 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 8-5-2013 Sheet 1 of 2 Sheets

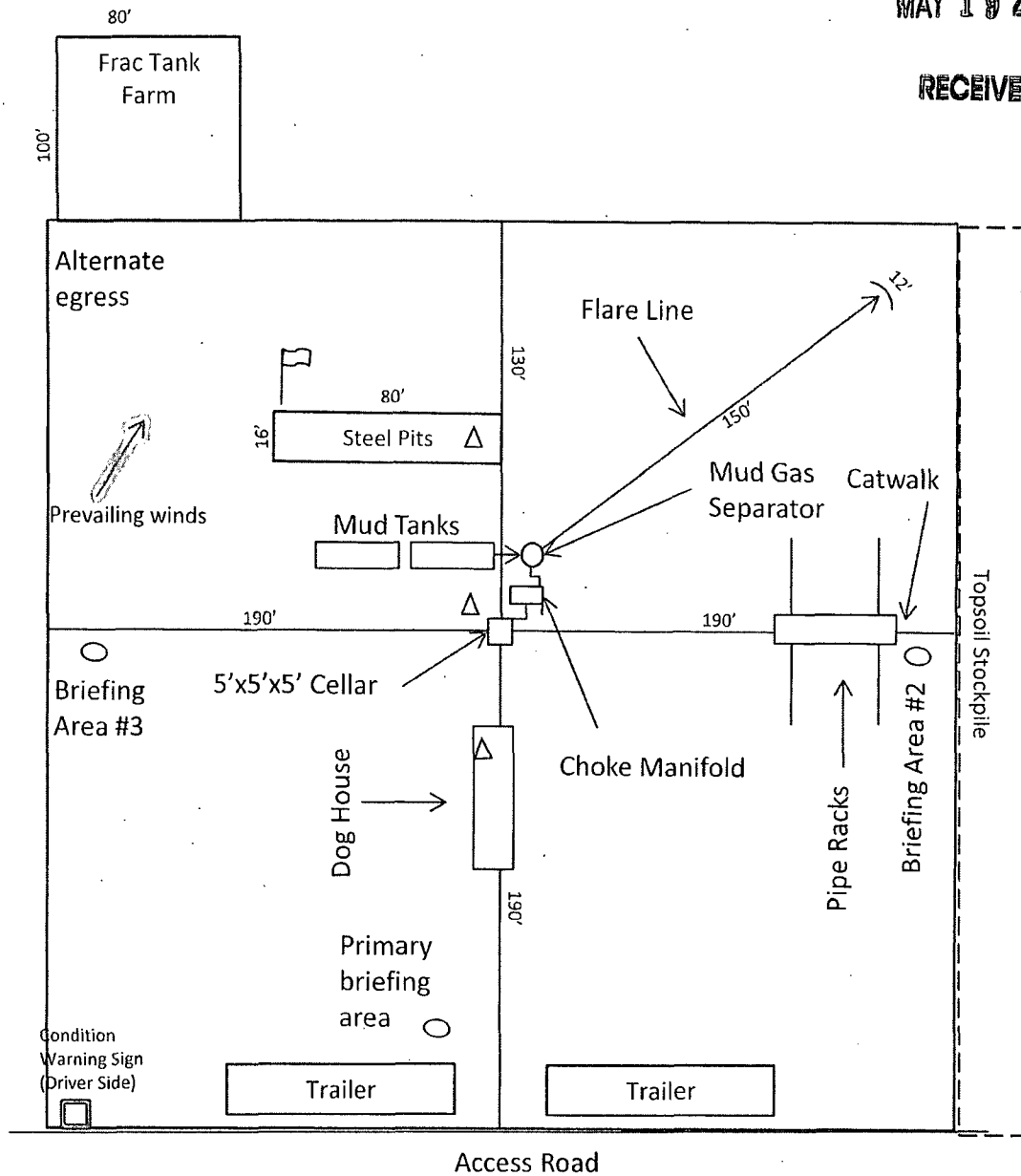
Exhibit H



HOBBS OCD

MAY 19 2015

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-  Wind Direction Indicators (wind sock or streamers)
-  • H2S Monitors (alarms at bell nipple and shale shaker)
-  Briefing Areas



Exhibit D – Rig Diagram  
**Red Hills Unit 20H**  
 Cimarex Energy Co. of Colorado  
 33-25S-33E  
 SHL 330 FNL & 1745 FEL  
 BHL 330 FSL & 1330 FEL  
 Lea County, NM