

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources  
Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

HOBBSOCD

OCT 19 2015

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025- <b>42890</b>	<sup>2</sup> Pool Code 51020	<sup>3</sup> Pool Name Red Hills; Lower Bone Spring
<sup>4</sup> Property Code <b>39817</b>	<sup>5</sup> Property Name VACA 11 FED COM	<sup>6</sup> Well Number <b>#406H</b>
<sup>7</sup> GRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>9</sup> Elevation 3369'

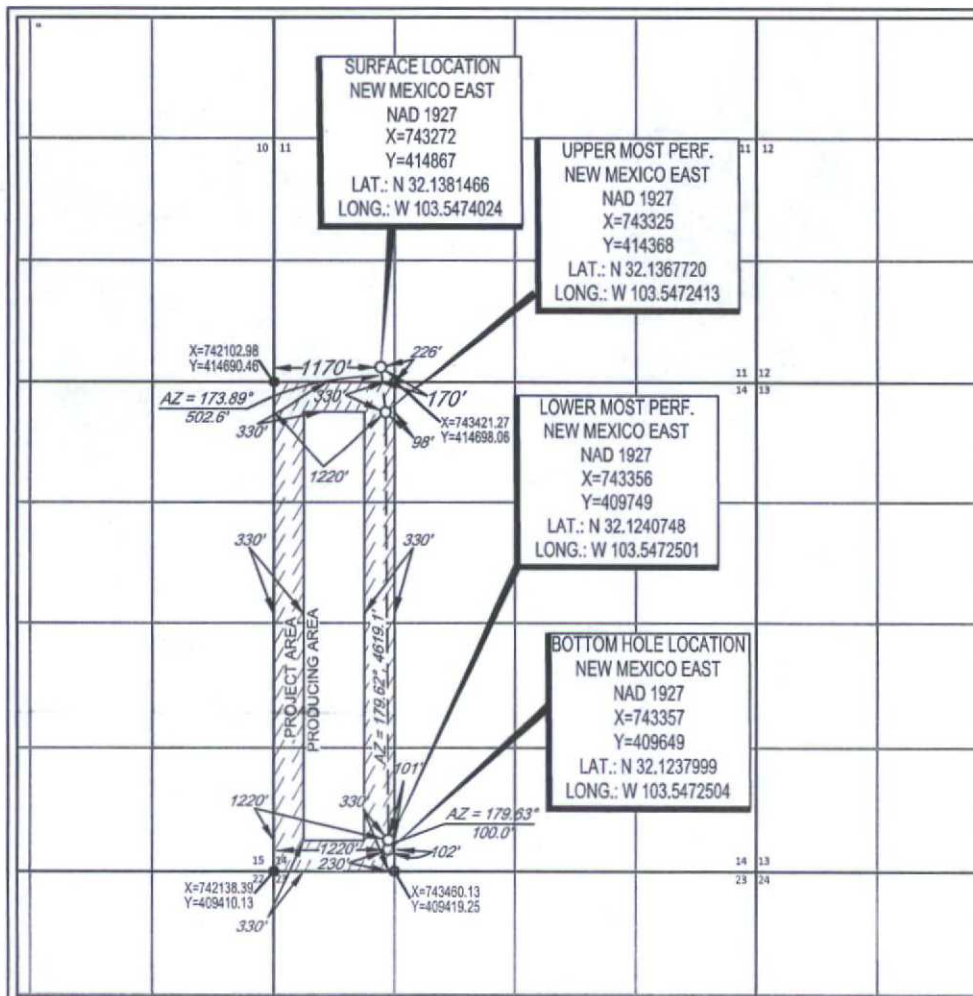
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>M</b>	<b>11</b>	<b>25-S</b>	<b>33-E</b>	<b>-</b>	<b>170'</b>	<b>SOUTH</b>	<b>1170'</b>	<b>WEST</b>	<b>LEA</b>

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>14</b>	<b>25-S</b>	<b>33-E</b>	<b>-</b>	<b>230'</b>	<b>SOUTH</b>	<b>1220'</b>	<b>WEST</b>	<b>LEA</b>

<sup>12</sup> Dedicated Acres <b>160.00</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



<sup>17</sup>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.

*Stan Wagner* 1/7/15  
Signature Date

Stan Wagner  
Printed Name

E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

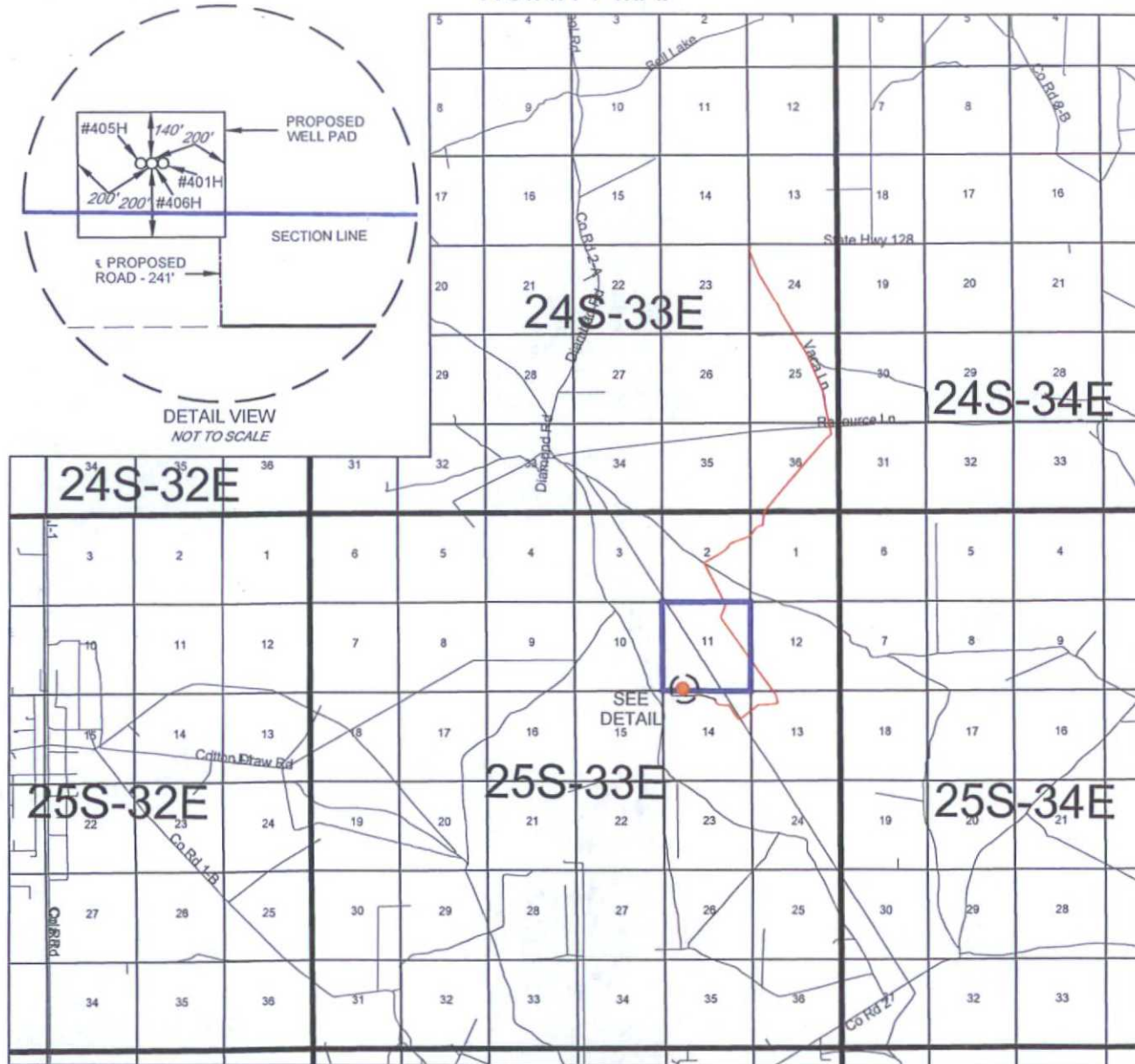
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

08/05/2014  
Date of Survey  
Signature and Seal of Professional Surveyor  
**18329**  
Certificate Number

OCT 20 2015

DETAIL VIEW  
NOT TO SCALE

The diagram shows a detailed view of the proposed well pad and road intersection. A dashed circle represents the overall site boundary. A solid line, labeled "SECTION LINE", runs horizontally through the center. A dashed line, labeled "PROPOSED ROAD - 241'", runs vertically through the center. The well pad is located in the upper right quadrant, within a rectangular area labeled "PROPOSED WELL PAD". The well pad contains three wells: #405H, #401H, and #406H. Well #405H is located 140' from the center of the well pad. Well #401H is located 200' from the center of the well pad. Well #406H is located 200' from the center of the well pad. The well pad is located 200' from the center of the well pad. The well pad is located 200' from the center of the well pad.



SECTION 11 TWP 25-S RGE 33-E SURVEY N.M.P.M.  
COUNTY \_\_\_\_\_ LEA \_\_\_\_\_ STATE \_\_\_\_\_ NM  
DESCRIPTION \_\_\_\_\_ 170' FN/SL & 1170' FE/WL

FROM INT. OF NM-18 N & NM-128. GO WEST ON NM-128 W  $\pm 22.0$  MILES. THENCE SOUTH (LEFT) ON VACA LN.  $\pm 4.4$  MILES. THENCE SOUTHEAST (LEFT) ON LEASE RD.  $\pm 1.8$  MILES. THENCE WEST (RIGHT) ON LEASE RD.  $\pm 0.5$  MILES. THENCE NORTHWEST (RIGHT) ON LEASE RD.  $\pm 0.7$  MILES. THENCE NORTH (RIGHT) ON PROPOSED RD.  $\pm 241$  FEET, TO A POINT  $\pm 200$  FEET SOUTH OF THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET.



SCALE: 1" = 1000'



0' 500' 1000'



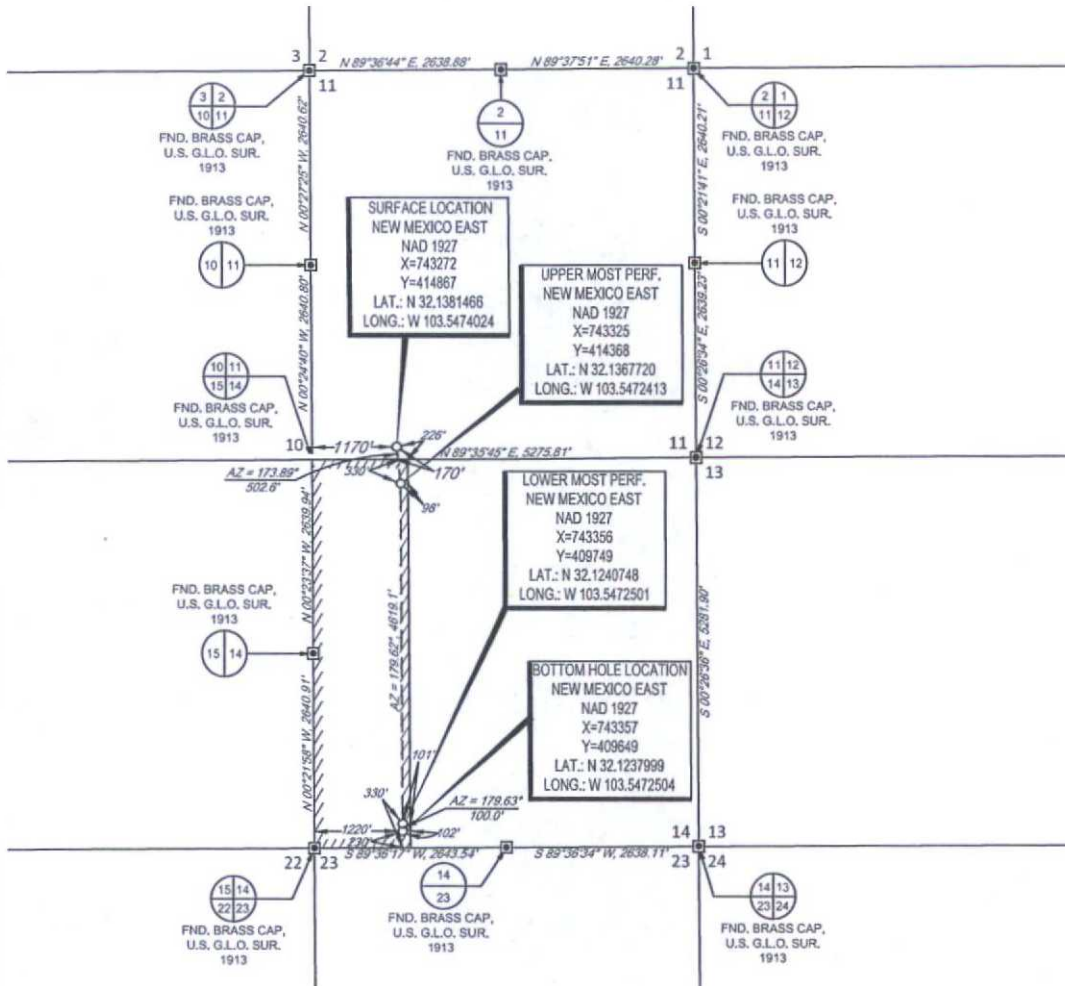
**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548  
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705  
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743  
WWW.TOPOGRAFIC.COM



**EXHIBIT 2A**

SECTION 11, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.  
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: VACA FED COM #406H

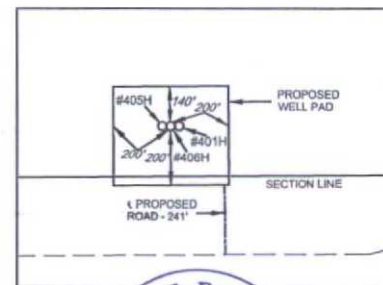
SECTION 11 TWP 25-S RGE 33-E SURVEY N.M.P.M.  
COUNTY LEA STATE NM  
DESCRIPTION 170' FN/SL & 1170' FE/WL

**DISTANCE & DIRECTION**

FROM INT. OF NM-18 N & NM-128, GO WEST ON NM-128 W ±22.0 MILES.  
THENCE SOUTH (LEFT) ON VACA LN. ±4.4 MILES. THENCE SOUTHEAST  
(LEFT) ON LEASE RD. ±1.8 MILES. THENCE WEST (RIGHT) ON LEASE RD.  
±0.5 MILES. THENCE NORTHWEST (RIGHT) ON LEASE RD. ±0.7 MILES.  
THENCE NORTH (RIGHT) ON PROPOSED RD. ±241 FEET, TO A POINT  
±200 FEET SOUTH OF THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID  
BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE  
NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND  
UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF  
SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED  
TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE.  
THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



Michael Blake Brown, P.S. No. 18329  
AUGUST 8, 2014

**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

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WWW.TOPOGRAPHIC.COM

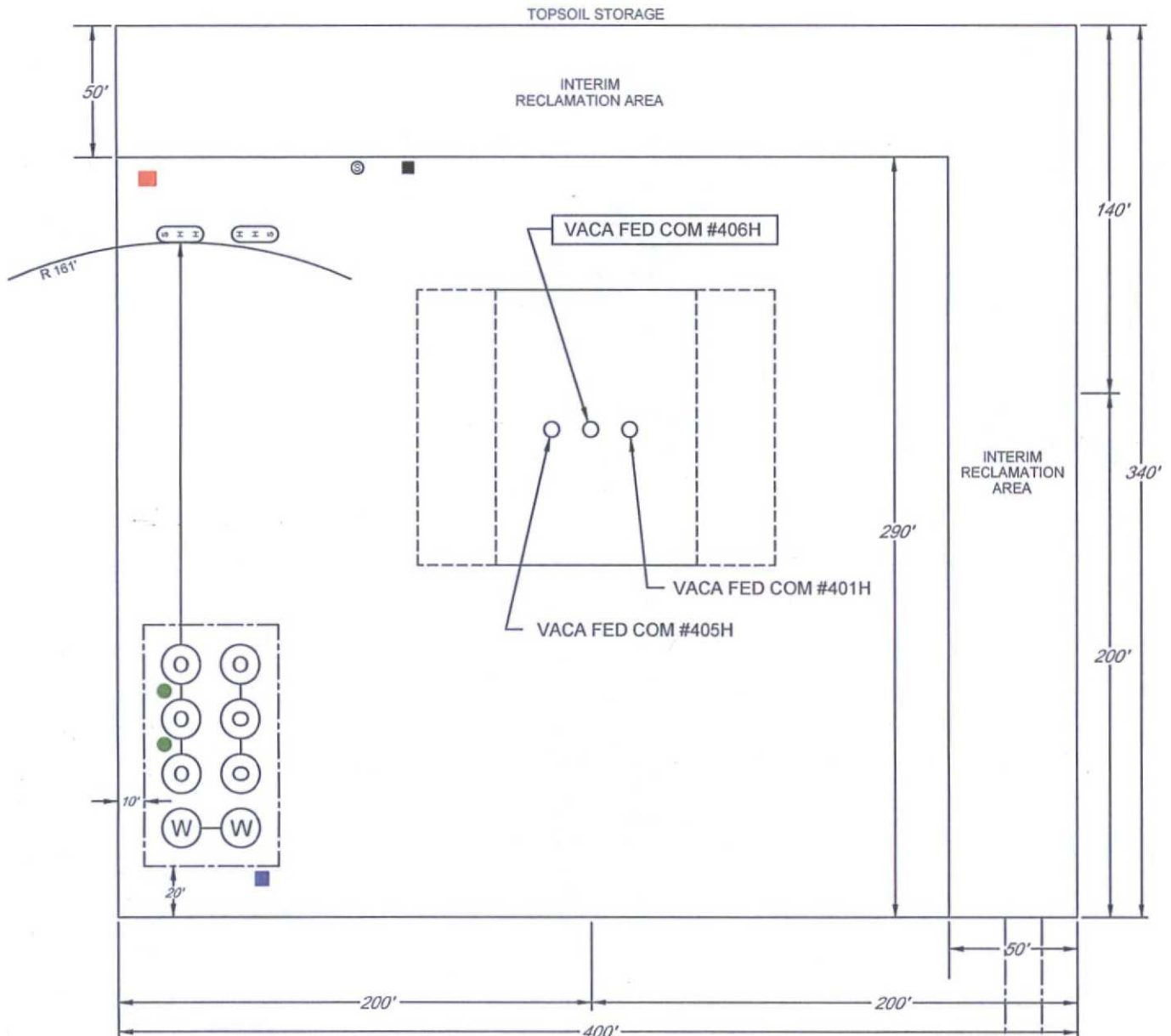


# EXHIBIT 2C

## RECLAMATION AND FACILITY DIAGRAM - PRODUCTION FACILITIES DIAGRAM

SECTION 11, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

DETAIL VIEW  
SCALE: 1" = 60'



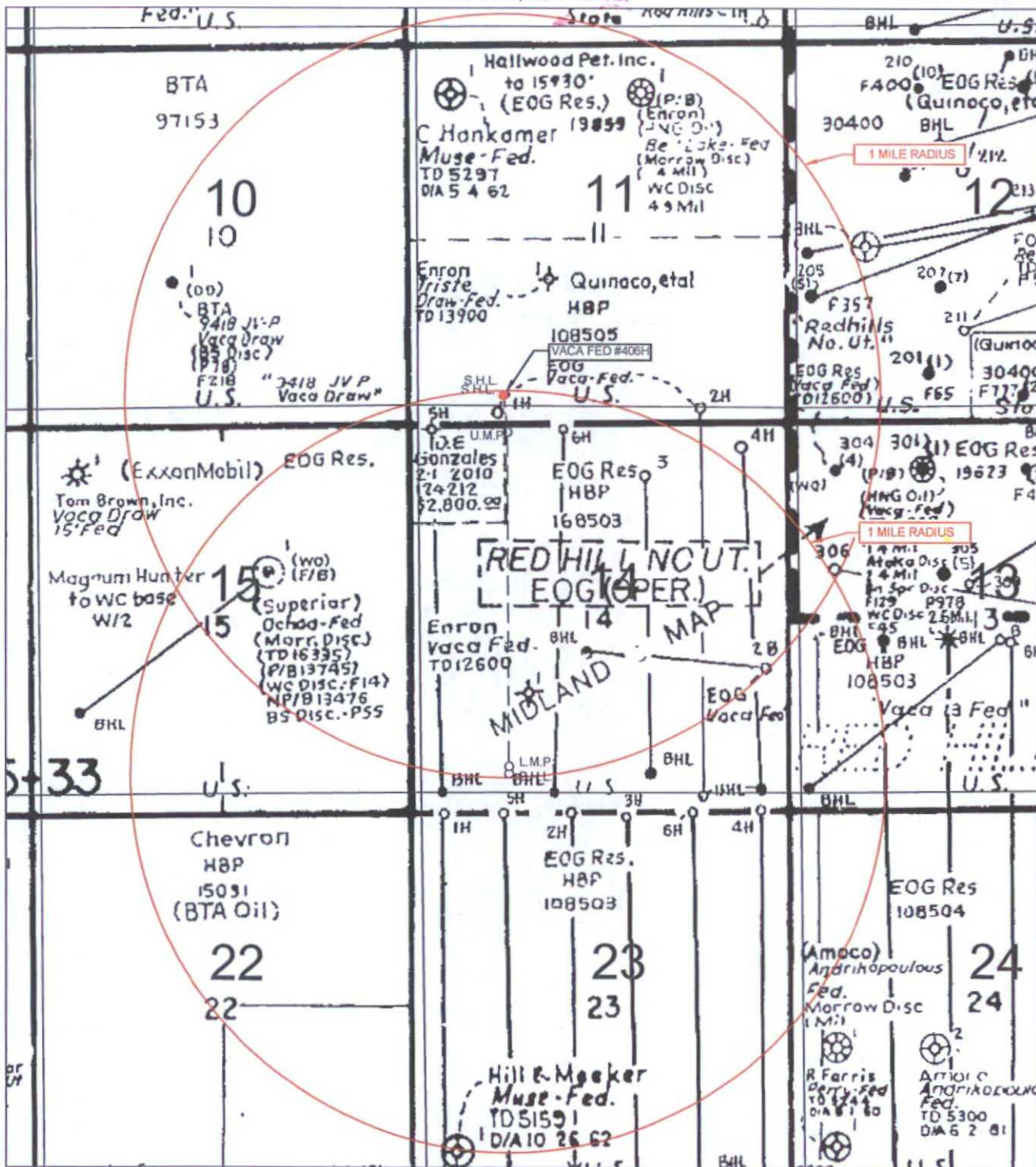
LEASE NAME & WELL NO.: VACA FED COM #406H  
#1H LATITUDE N 32.1381466 #1H LONGITUDE W 103.5474024

### LEGEND

	500 BBL OIL TANK		FLARE SEPARATOR
	500 BBL WATER TANK		VRU
	36 x 15 HEATER/SEPARATOR		48 X 25 VRT
			FP FLARE
			OP FLARE



SECTION 11, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.  
LEA COUNTY, NEW MEXICO



SCALE: NTS

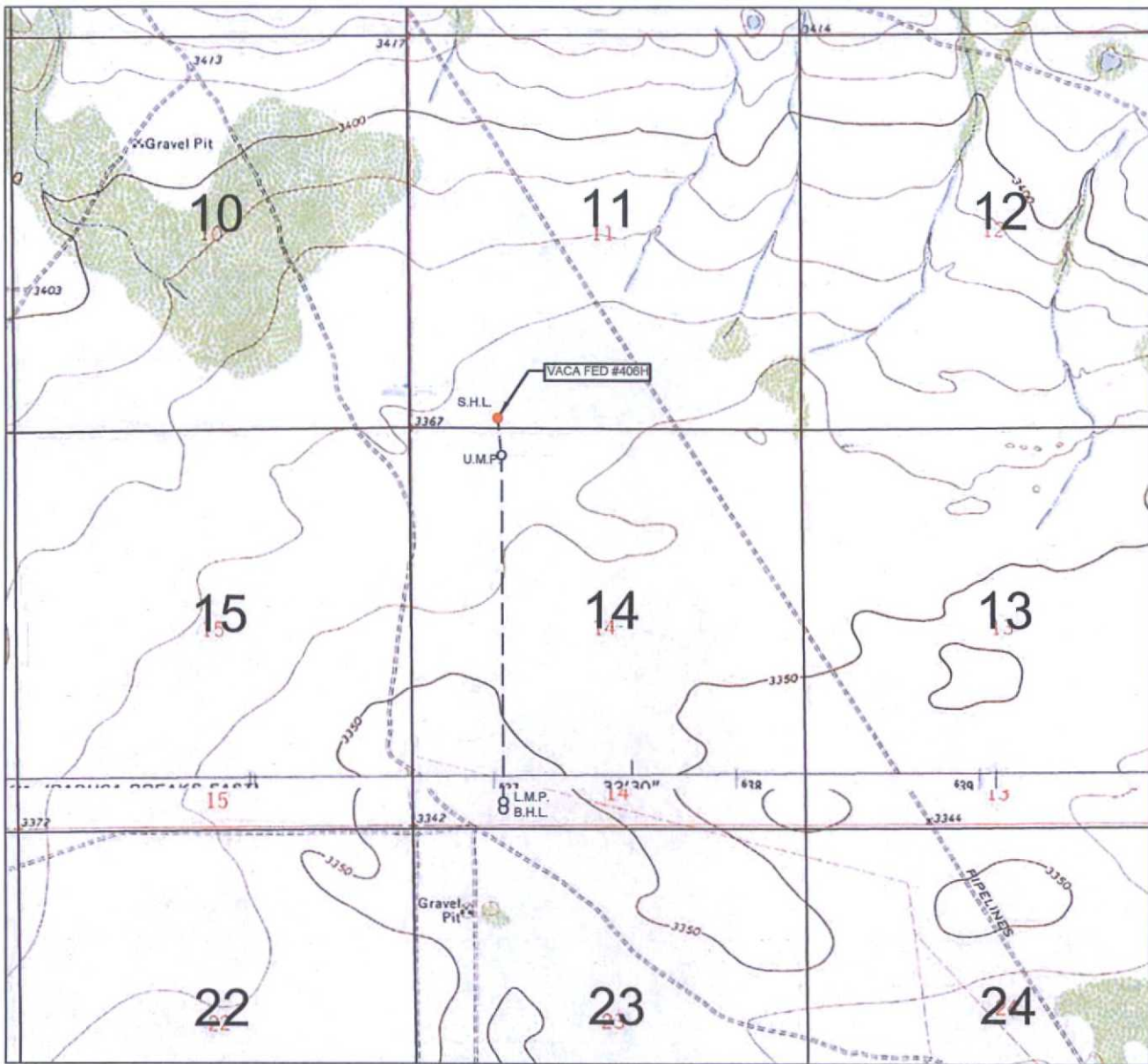
#1H | LONGITUDE W 103.5474024

### LEGEND



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WWW.TOPOGRAPHIC.COM

# LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: VACA FED COM #406H

SECTION 11 TWP 25-S RGE 33-E SURVEY N.M.P.M.  
 COUNTY LEA STATE NM ELEVATION 3369'  
 DESCRIPTION 170' FN/SL & 1170' FE/WL

LATITUDE N 32.1381466 LONGITUDE W 103.5474024



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

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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 WWW.TOPOGRAPHIC.COM

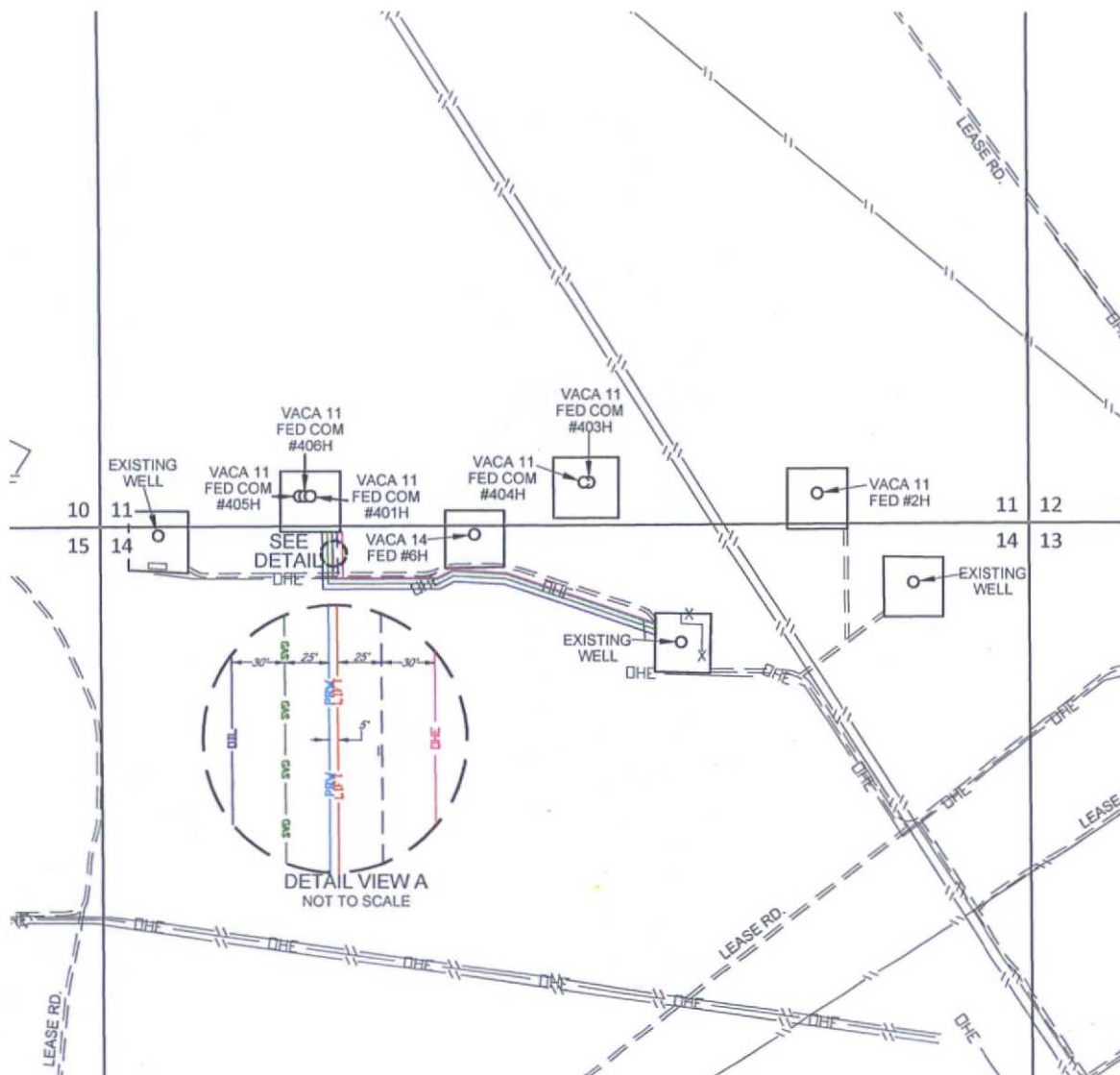


SCALE 1" = 1000'  
0' 500' 1000'

# EXHIBIT 5

SECTION 11, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

## VACA 11 FED COM 401H, 405H & 406H INFRASTRUCTURE MAP



VACA 11 FED COM 401H, 405H & 406H INFRASTRUCTURE MAP		REVISION:	
		INT	DATE
DATE:	12/19/14	MML	01/19/15
FILE:	SK_VACA11FED_401H_405H-406H_INFRASTRUCTURE_REV1		
DRAWN BY:	MML		
SHEET:	1 OF 1		

--- LEASE RD. DISTANCE -TOTAL FOOTAGE 240 FT FROM LAUNCH PAD RD. TO VACA 11 FED COM #401H, #405H & #406H..... 240 FT	--- OIL --- 4" STEEL OIL SALES LINE -TOTAL FOOTAGE 2,258 FT -(WORKING PRESSURE 75-125 PSI) TO VACA 11 FED COM #401H, #405H & #406H..... 2,258 FT
--- PRV --- 8" PRODUCED WATERLINE -TOTAL FOOTAGE 2,158 FT -(WORKING PRESSURE 75-125 PSI) FROM EXISTING WELL TO VACA 11 FED COM #401H, #405H & #406H..... 2,158 FT	--- DHE --- ELECTRIC LINE -TOTAL FOOTAGE 263 FT -(WORKING PRESSURE 75-125 PSI) TO VACA 11 FED COM #401H, #405H & #406H..... 263 FT
--- LIFT --- 8" GAS LIFT LINE -TOTAL FOOTAGE 2,158 FT -(WORKING PRESSURE 75-125 PSI) FROM EXISTING WELL TO VACA 11 FED COM #401H, #405H & #406H..... 2,158 FT	--- GAS --- 12" GAS SALES LINE -TOTAL FOOTAGE 2,199 FT -(WORKING PRESSURE 75-125 PSI) FROM EXISTING WELL TO VACA 11 FED COM #401H, #405H & #406H..... 2,199 FT