

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

SEP 29 2015
Sub

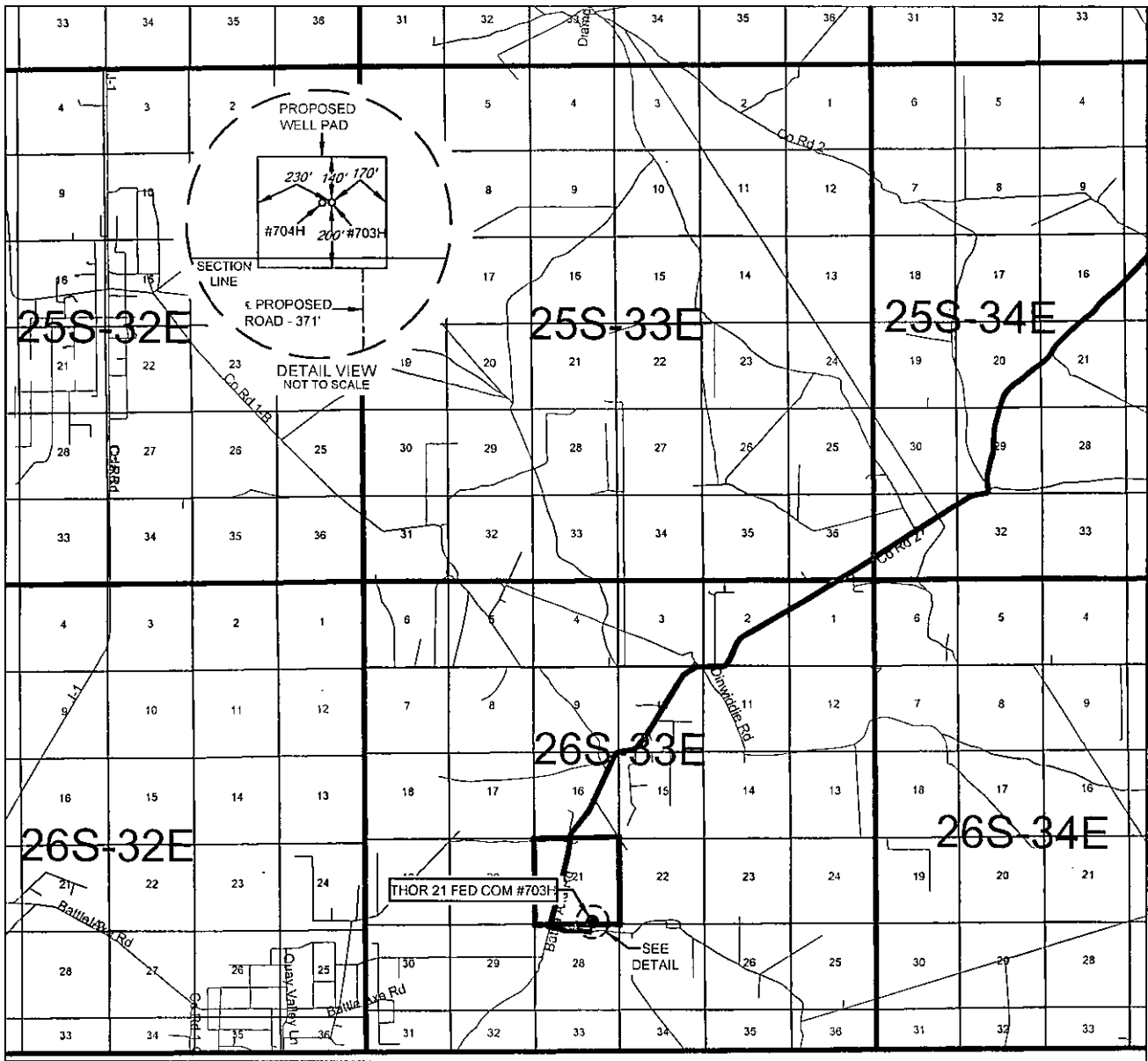
Revised August 1, 2011

District Office

RECEIVED

AMENDED REPORT

EXHIBIT 2 VICINITY MAP



LEASE NAME & WELL NO.: THOR 21 FED COM #703H

SECTION 21 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 170' FSL & 1640' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-18 N. & NM-128. GO WEST ON NM-128 FOR ±14.0 MILES. THENCE TURN SOUTH (LEFT) ON TO BATTLE AXE RD. FOR ±17.1 MILES. THENCE TURN EAST (LEFT) ON TO A LEASE RD. FOR ±0.5 MILES. THENCE NORTH (LEFT) ON TO A PROPOSED RD. FOR ±371 FEET TO A POINT ±236 FEET SOUTHEAST OF THIS LOCATION.

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.

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.



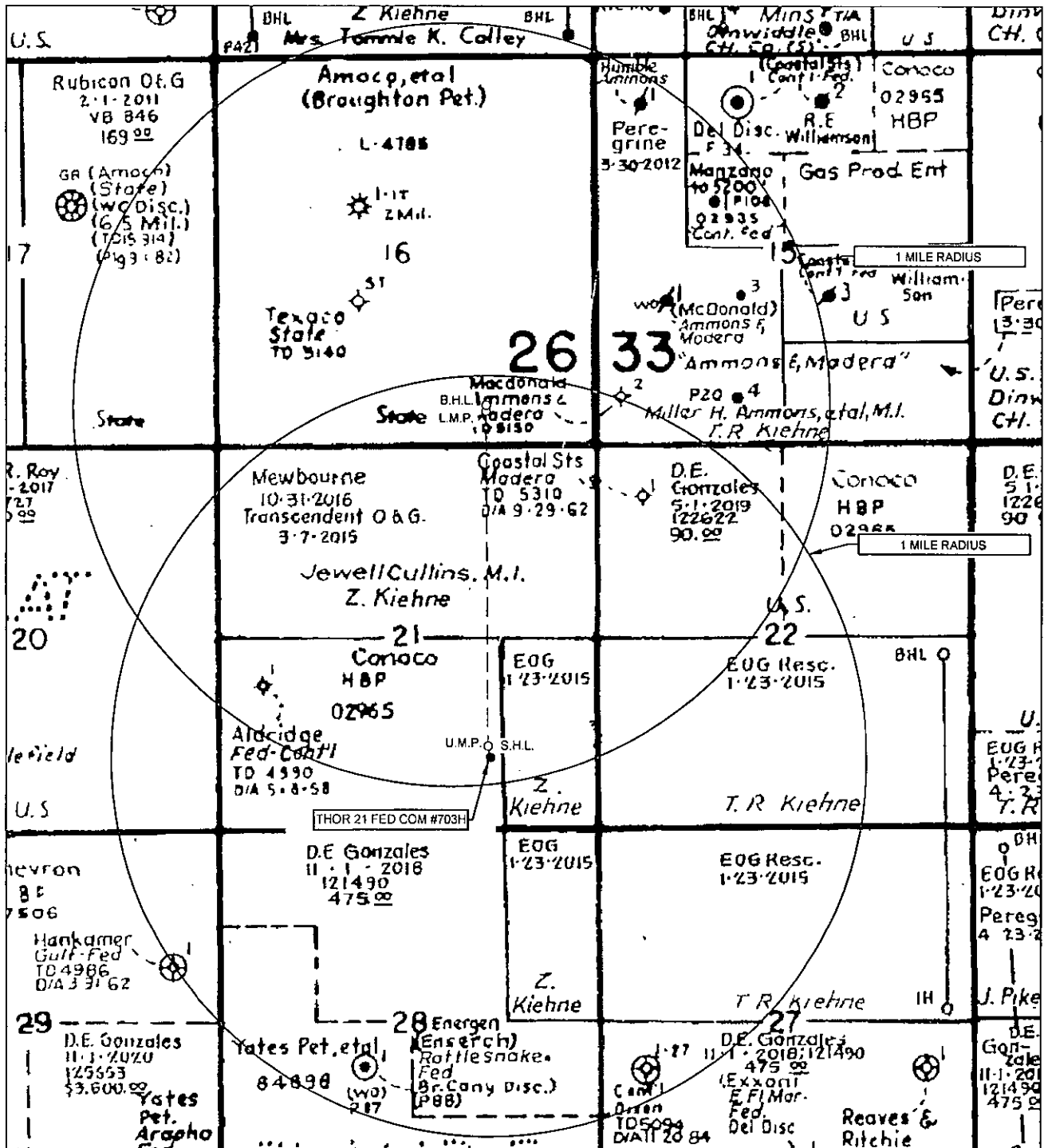
SCALE: 1" = 10000'
0' 5000' 10000'



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
2933 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

EXHIBIT 3

SECTION 21, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

LEASE NAME & WELL NO.: THOR 21 FED COM #703H

SCALE: NTS

#703H LATITUDE N 32.0220626

#703H LONGITUDE W 103.5735412

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
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THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

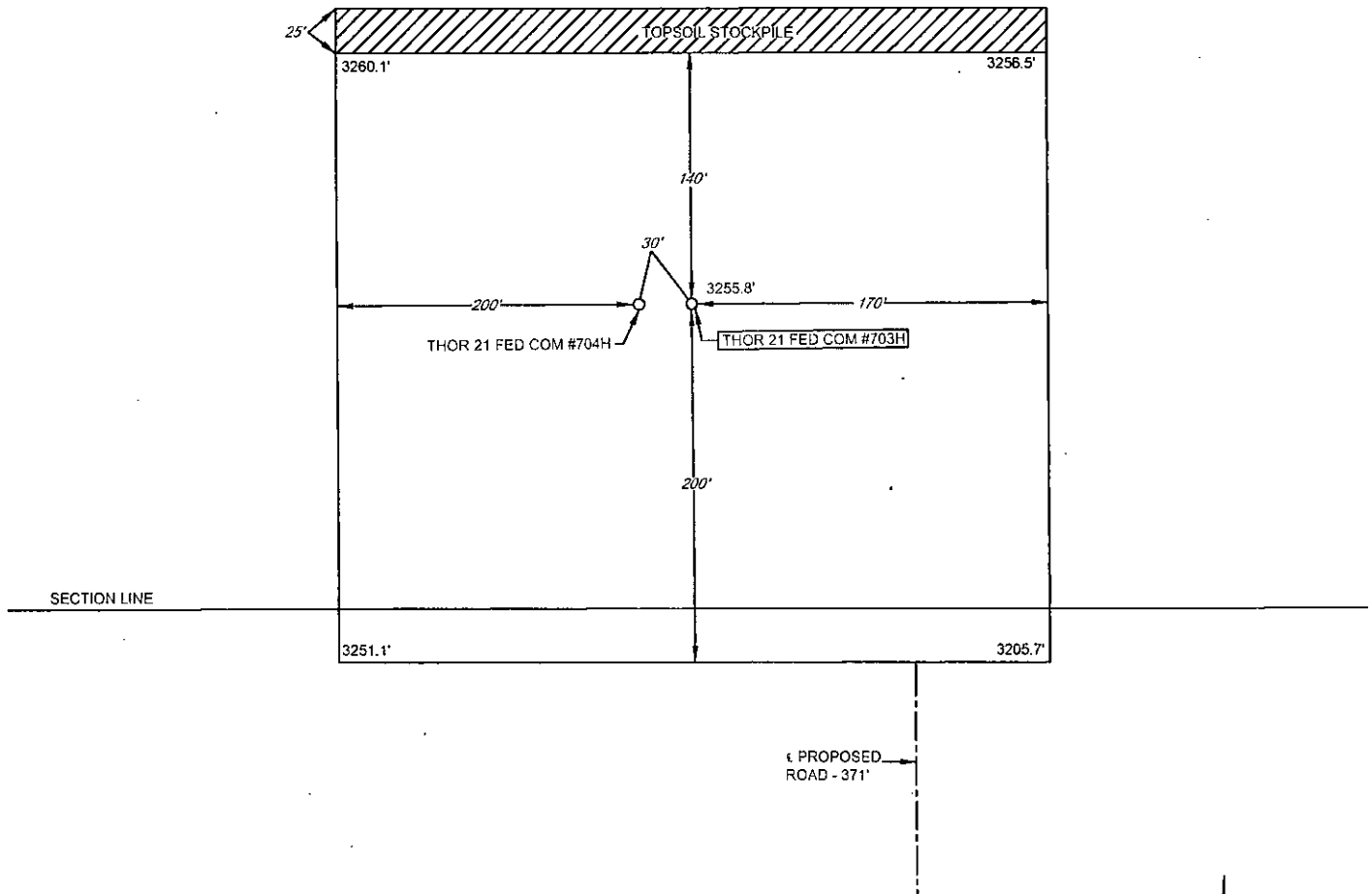
1400 EVERMAN PARKWAY, Ste. 187 • FT. WORTH, TEXAS 76140
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2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
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EXHIBIT 2B

SECTION 21, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: THOR 21 FED COM #703H
#703H LATITUDE N 32.0220626 #703H LONGITUDE W 103.5735412

LEGEND

SECTION LINE
PROPOSED ROAD

SCALE: 1" = 100'
0' 50' 100'

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NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

THIS PROPOSED PAD SITE 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.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

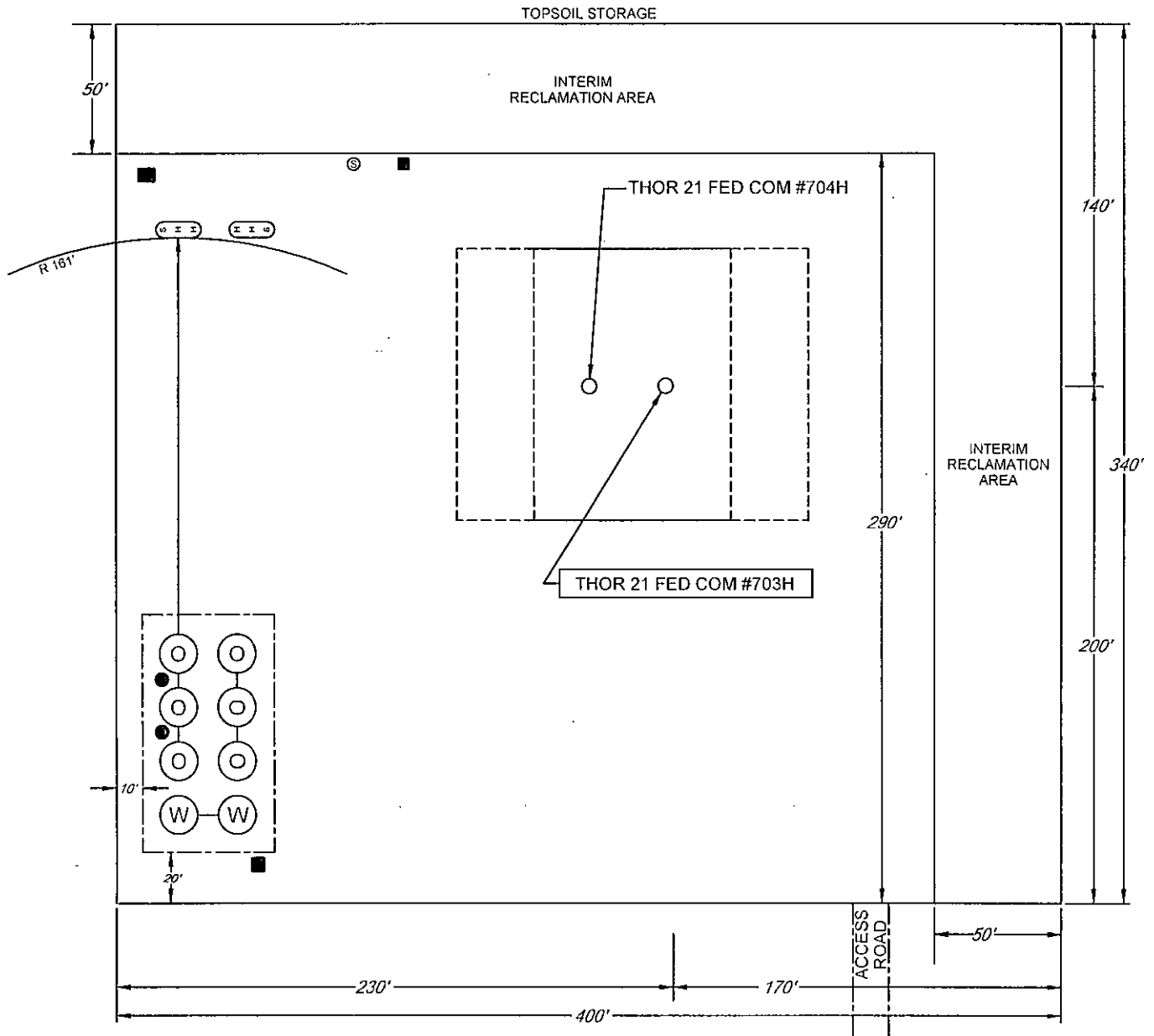
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EXHIBIT 2C

RECLAMATION AND FACILITY DIAGRAM - PRODUCTION FACILITIES DIAGRAM

SECTION 21, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 60'

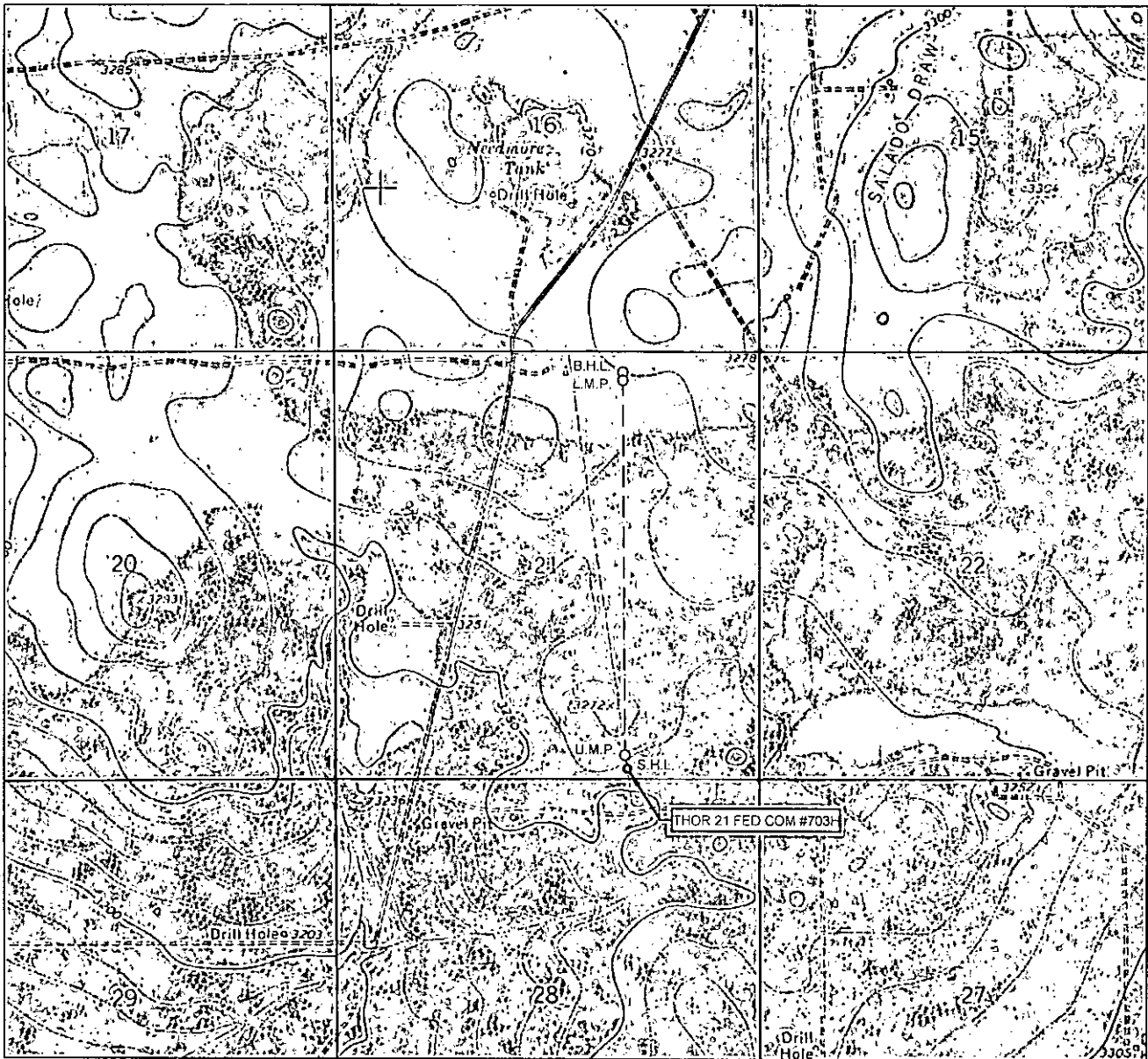


LEASE NAME & WELL NO.: THOR 21 FED COM #703H
#703H LATITUDE N 32.0220626 #703H LONGITUDE W 103.5735412

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

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: THOR 21 FED COM #703H

SECTION 21 TWP 26-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3256'
 DESCRIPTION 170' FSL & 1640' FEL

LATITUDE N 32.0220626 LONGITUDE W 103.5735412



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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TOPOGRAPHIC
 'LOYALTY INNOVATION LEGACY'

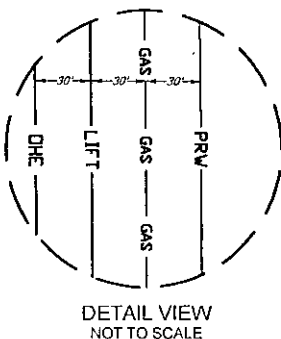
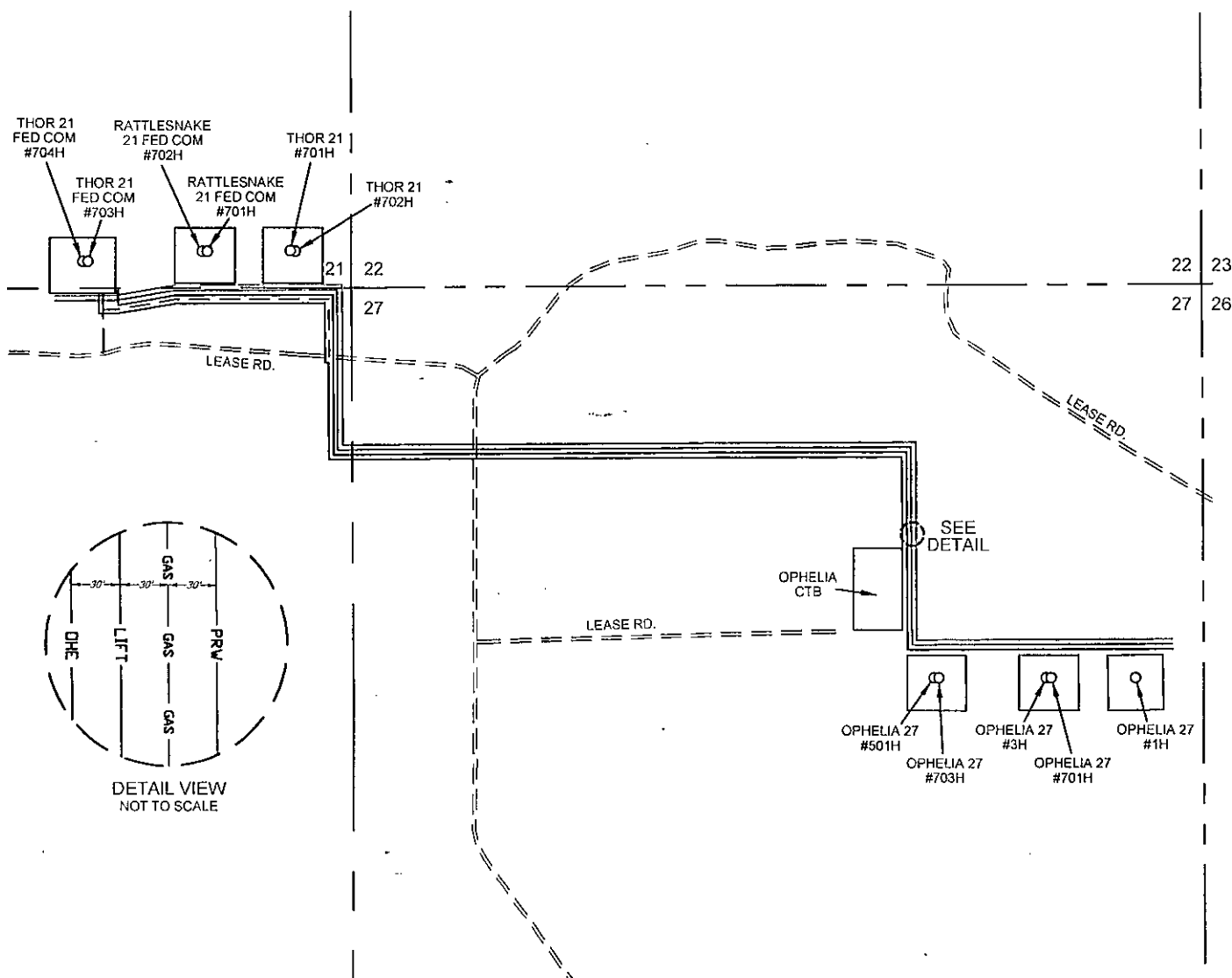
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SCALE 1" = 1000'
0' 500' 1000'

EXHIBIT 5

SECTION 21, 27, & 28, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

THOR 21 FED COM 703H AND 704H INFRASTRUCTURE MAP



THOR 21 FED COM 703H AND 704H INFRASTRUCTURE MAP	REVISION:	
	MML	05/20/15
DATE: 03/25/14		
FILE: S:\SURVEY\2014\MIDLAND\THOR_21_FED_COM\FINAL_PRODUCTS\SKETCHES\THOR21_703H_A_THOR21FEDCOM_703H_INFRASTRUCTURE_MAP_REV1.DWG		
DRAWN BY: MML		
SHEET: 1 OF 1		

PRV	12" PRODUCED WATER LINE -TOTAL FOOTAGE 9,154 FT -(WORKING PRESSURE 75-125 PSI) FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA 27 #1H..... 9,154 FT	LIFT	8" GAS LIFT LINE -TOTAL FOOTAGE 8,872 FT -(WORKING PRESSURE 75-125 PSI) FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA 27 #1H..... 8,872 FT
DHE	ELECTRIC LINE -TOTAL FOOTAGE 8,651 FT -(WORKING PRESSURE 75-125 PSI) FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA CTB..... 8,651 FT	GAS	12" GAS SALES LINE -TOTAL FOOTAGE 9,154 FT -(WORKING PRESSURE 75-125 PSI) FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA 27 #1H..... 9,154 FT
	LEASE RD. DISTANCE -TOTAL FOOTAGE 2,137 FT FROM LEASE RD. TO THOR 21 FED COM #704H & THOR 21 FED COM #703H..... 371 FT FROM LEASE RD. TO THOR 21 FED COM #704H & THOR 21 FED COM #703H..... 1,065 FT		