

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., Sante 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.
Sante Fe, NM 87505

HOBBSOOD

FORM C-102

SEP 29 2015

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42815		² Pool Code 98097	³ Pool Name WC-025 G-09 S263327G; Upper Wolfcamp	
⁴ Property Code 315282	⁵ Property Name THOR 21 FED COM		⁶ Well Number #703H	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3256'	

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	21	26-S	33-E	-	170'	SOUTH	1640'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	21	26-S	33-E	-	230'	NORTH	1675'	EAST	LEA

¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

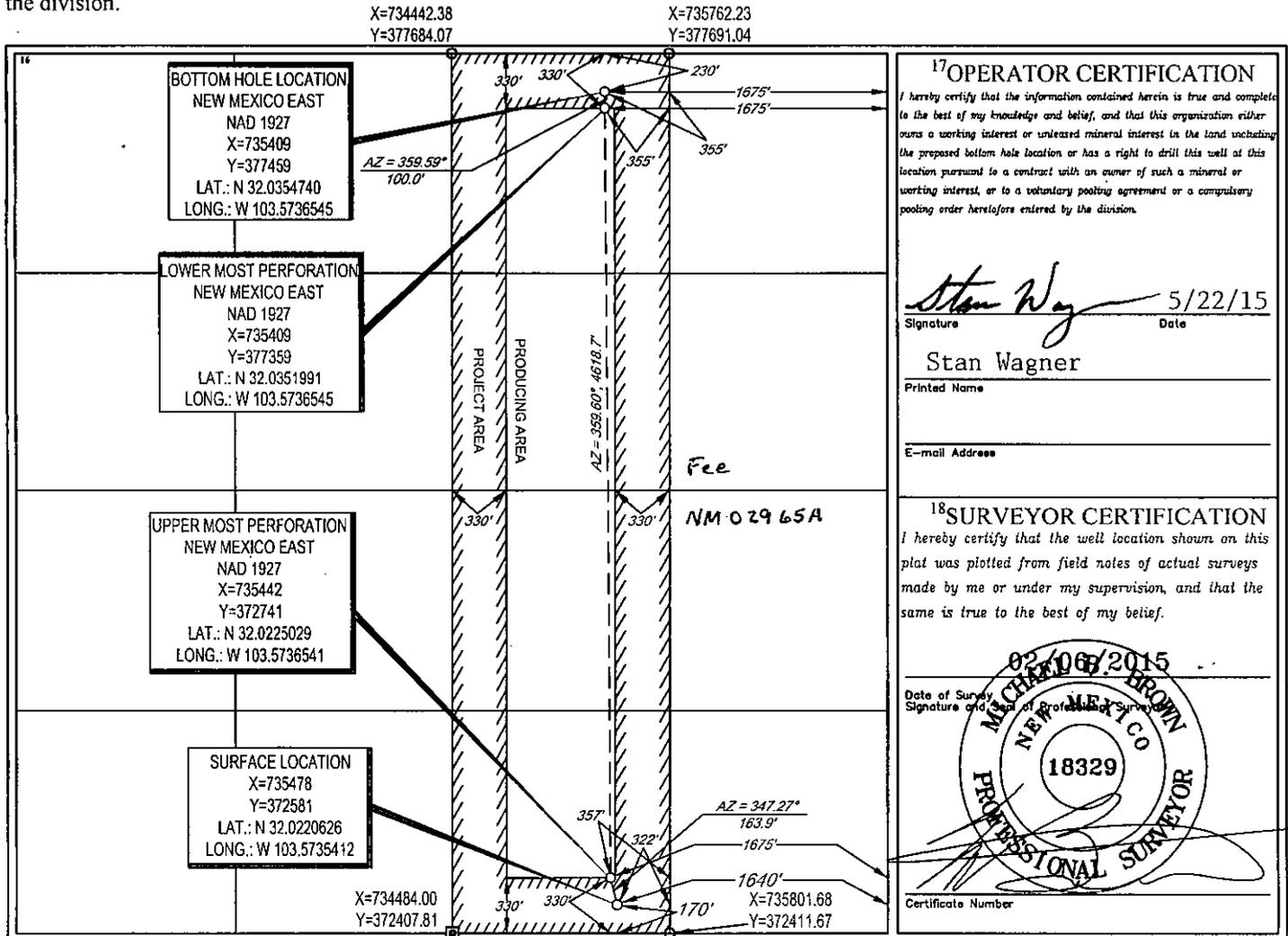
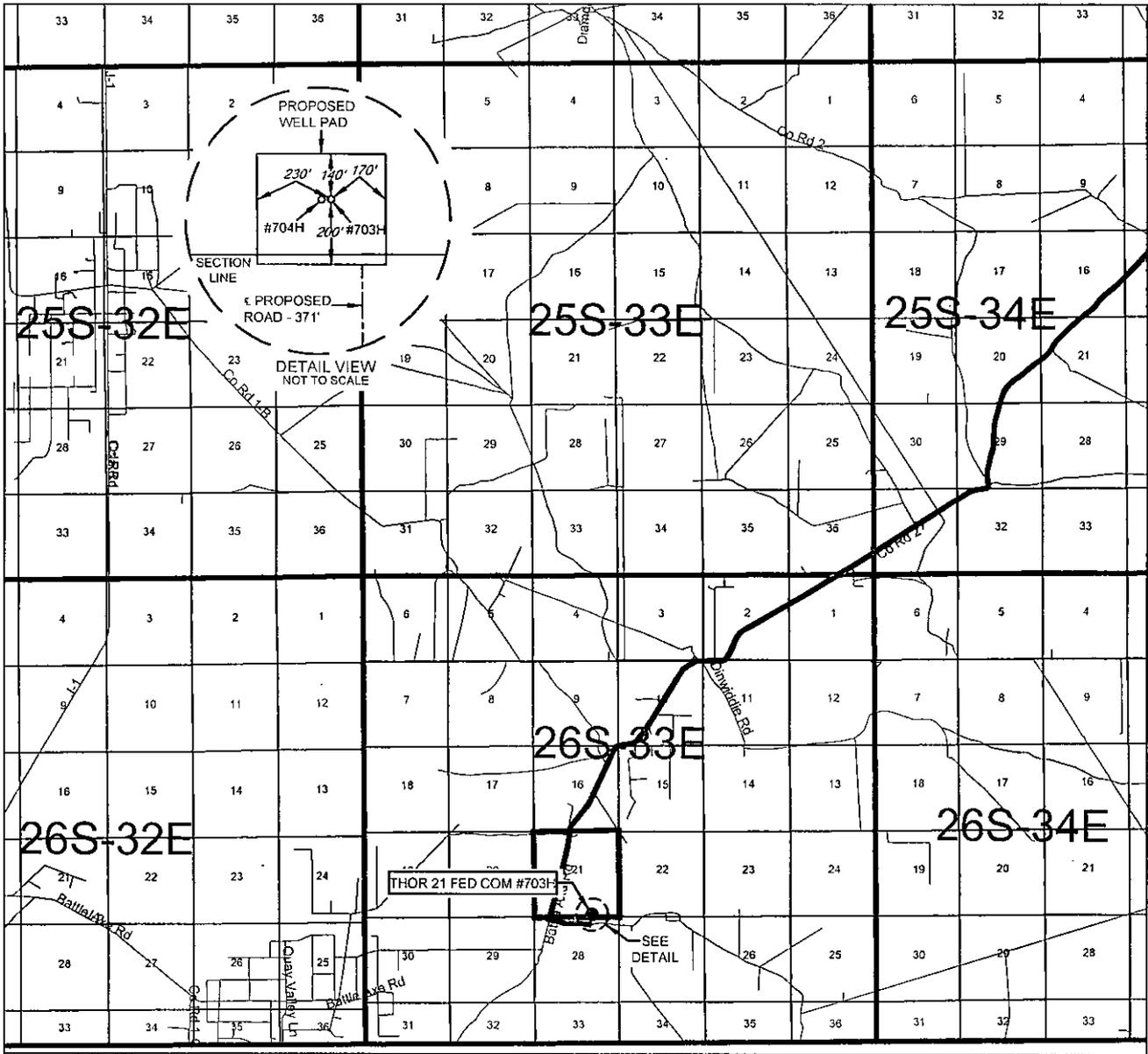


EXHIBIT 2
VICINITY MAP



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.



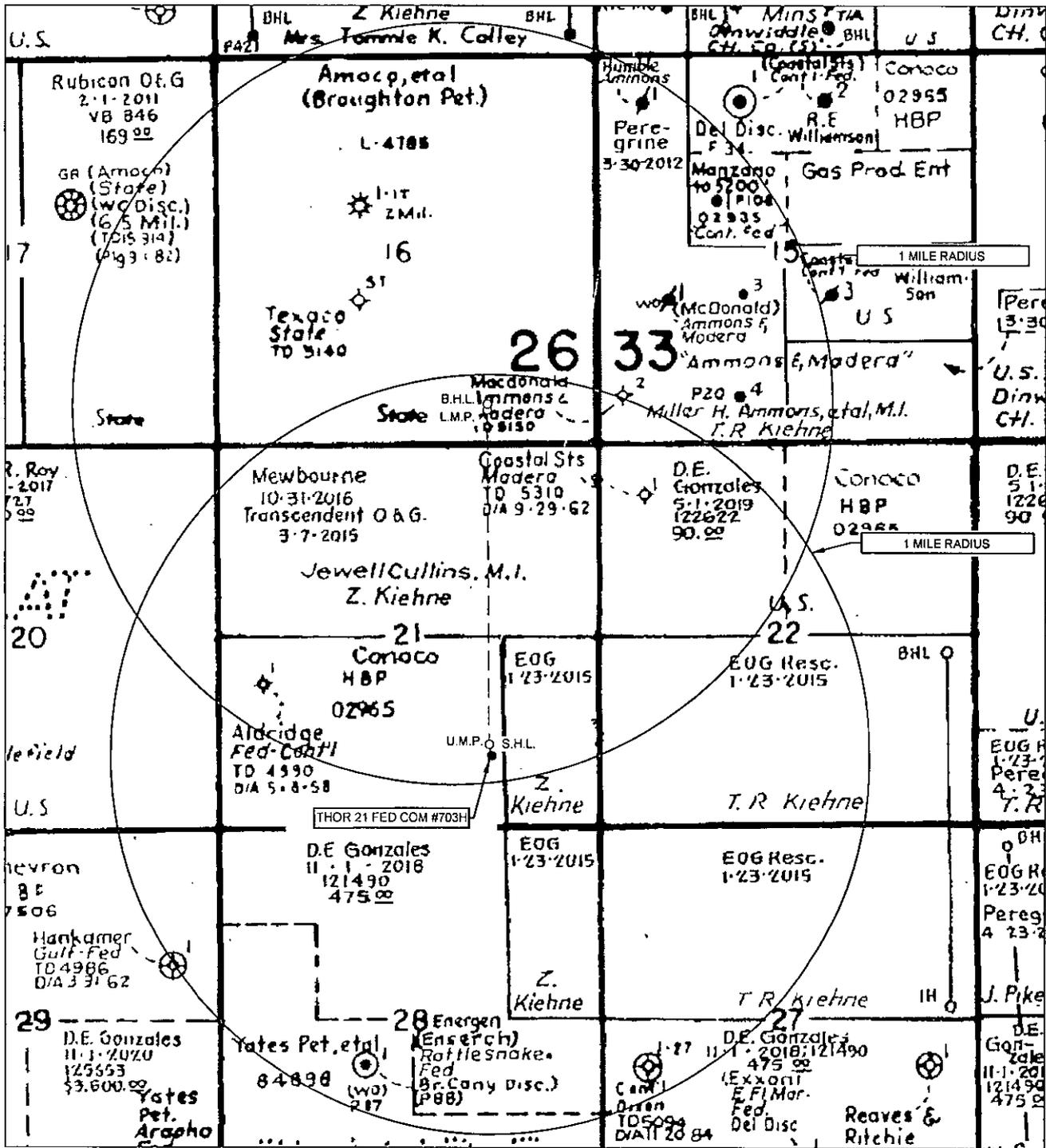
SCALE: 1" = 10000'
 0' 5000' 10000'



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

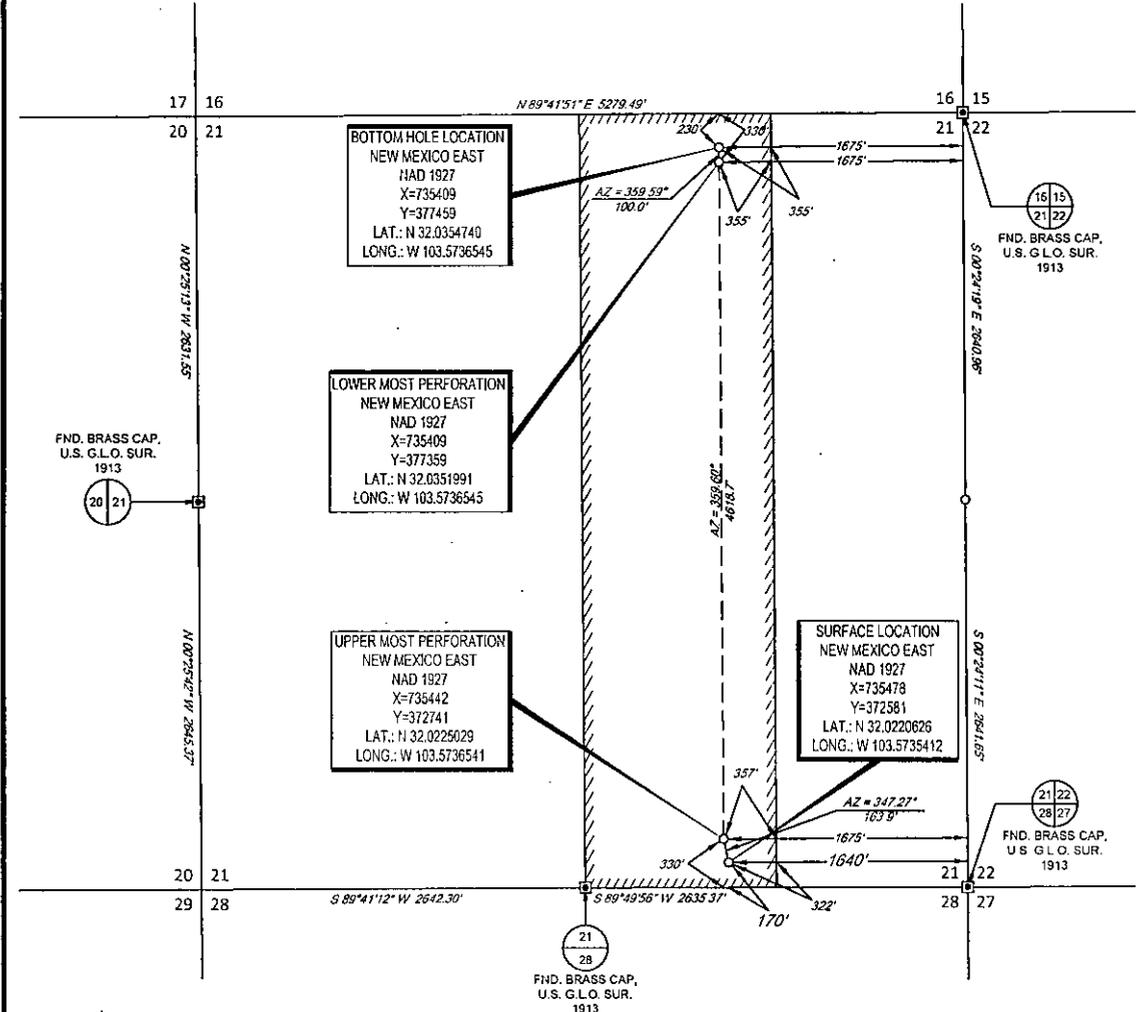
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THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO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

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 187 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1053 OR (800) 767-1353 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



EXHIBIT 2A

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



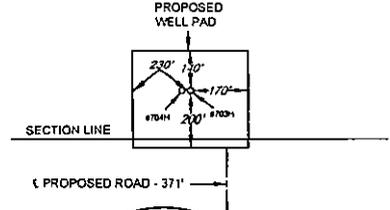
SCALE: 1" = 1000'
0' 500' 1000'

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

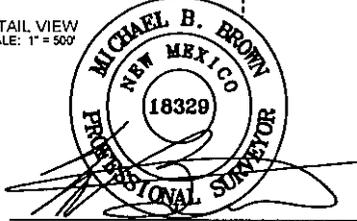
SECTION 21 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 170' FSL & 1640' FEL

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.

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NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET
THIS EASEMENT IS SERVICE LOCATION SHOWN HEREDY 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 PLAN AND IS NON-TRANSFERABLE.
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DETAIL VIEW
SCALE: 1" = 500'



Michael Blake Brown, P.S. No. 18329
APRIL 30, 2015

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

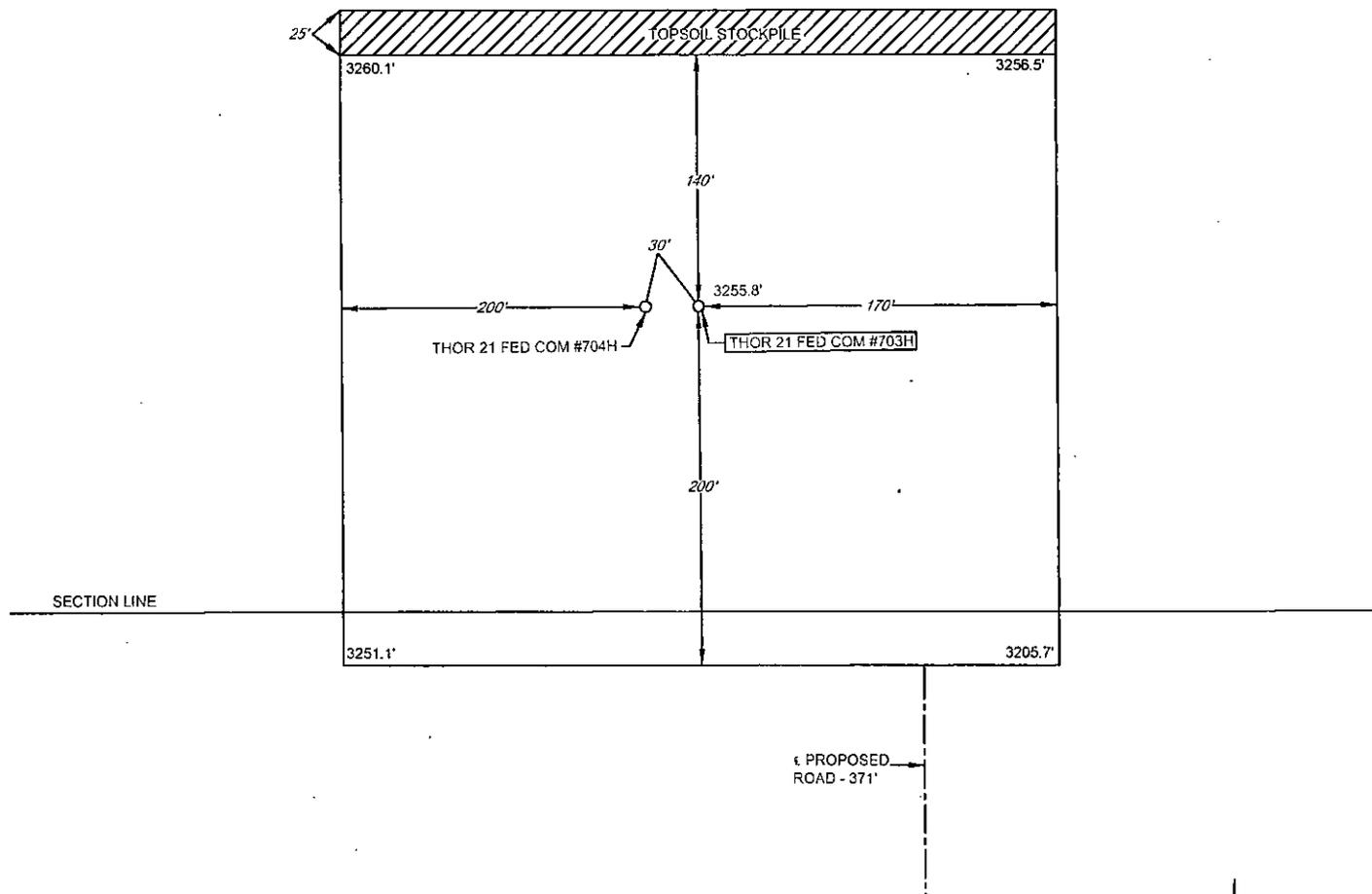
1400 EVERETT PARKWAY, Ste. 107 - FT. WORTH, TEXAS 76140
TELEPHONE: (817) 724-7512 - FAX (817) 724-7349
2503 NORTH E'S SPRINGS - DALLAS, TEXAS 75205
TELEPHONE: (432) 682-1653 OR (800) 787-1653 - FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

EXHIBIT 2B

eog resources, Inc.

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

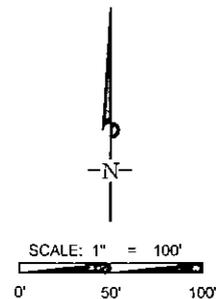
DETAIL VIEW
SCALE: 1" = 100'



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

LEGEND

- SECTION LINE
- PROPOSED ROAD



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 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.

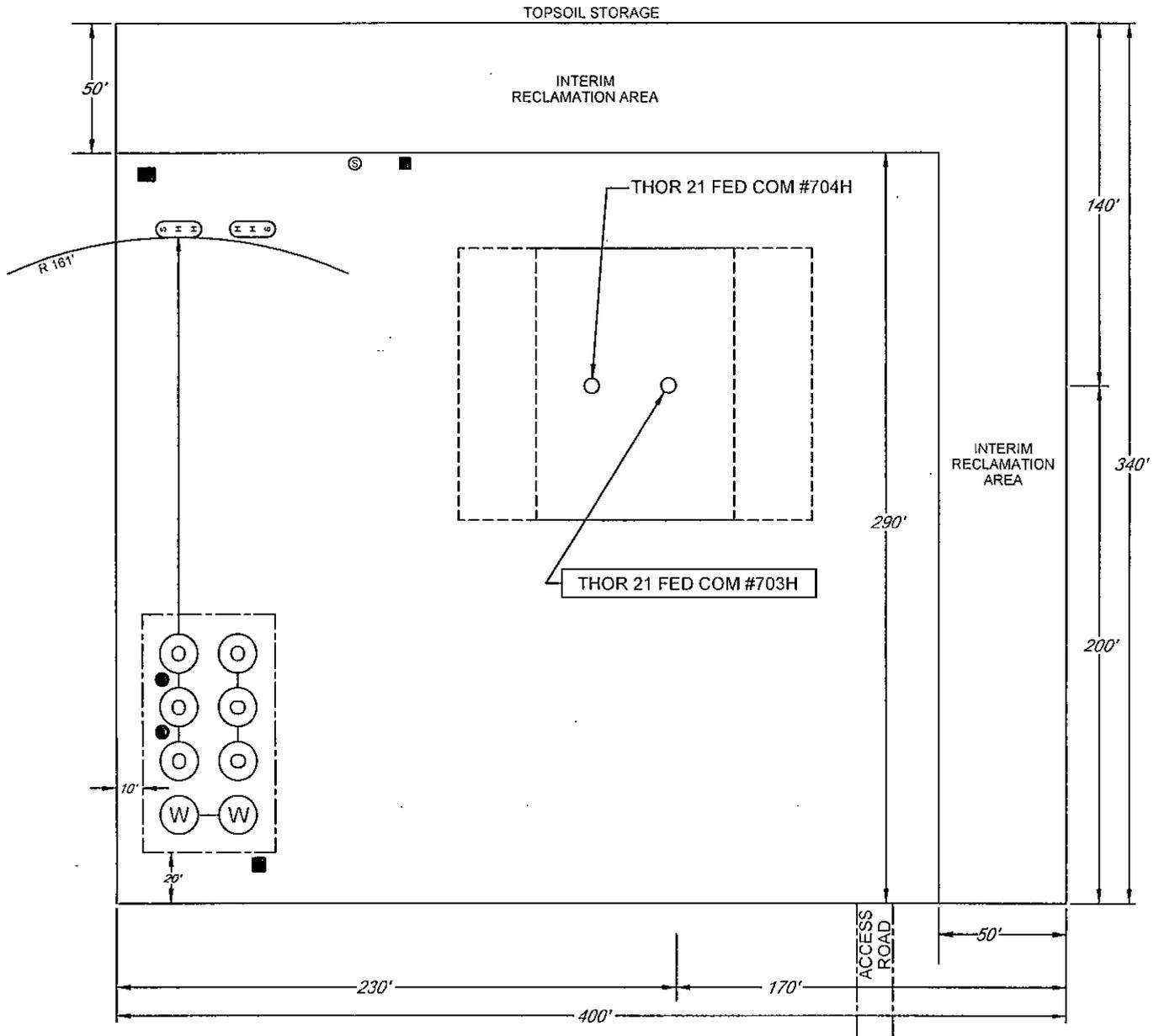
TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7549
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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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'

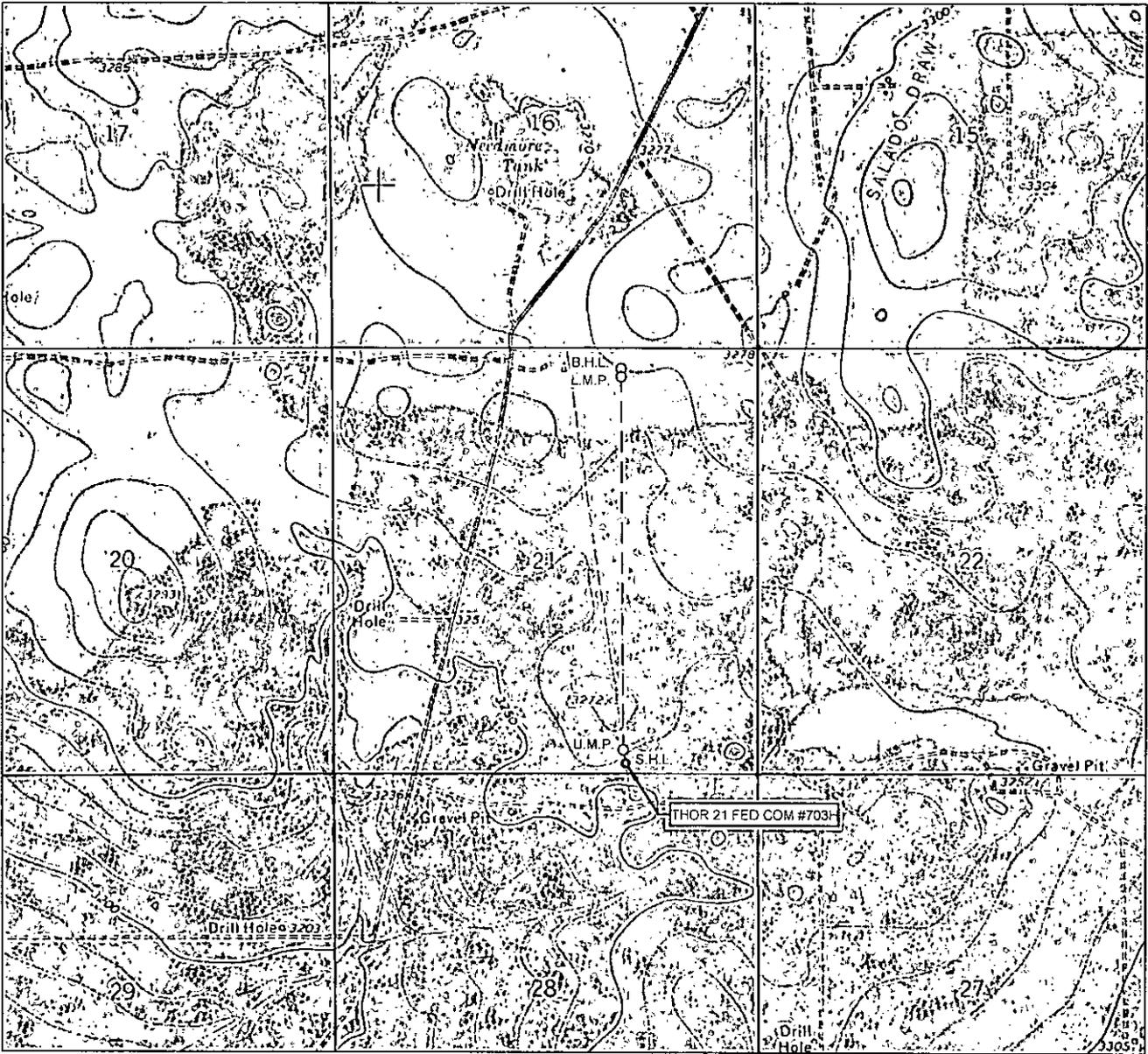


LEASE NAME & WELL NO.: _____ THOR 21 FED COM #703H
#703H LATITUDE N 32.0220626 #703H LONGITUDE W 103.5735412

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

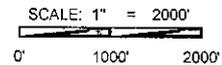
LOCATION & ELEVATION VERIFICATION MAP



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



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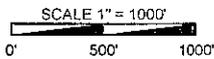
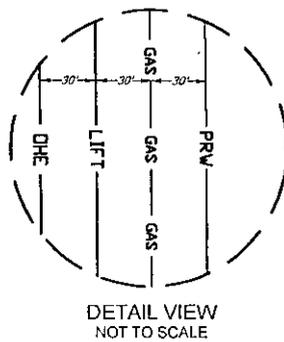
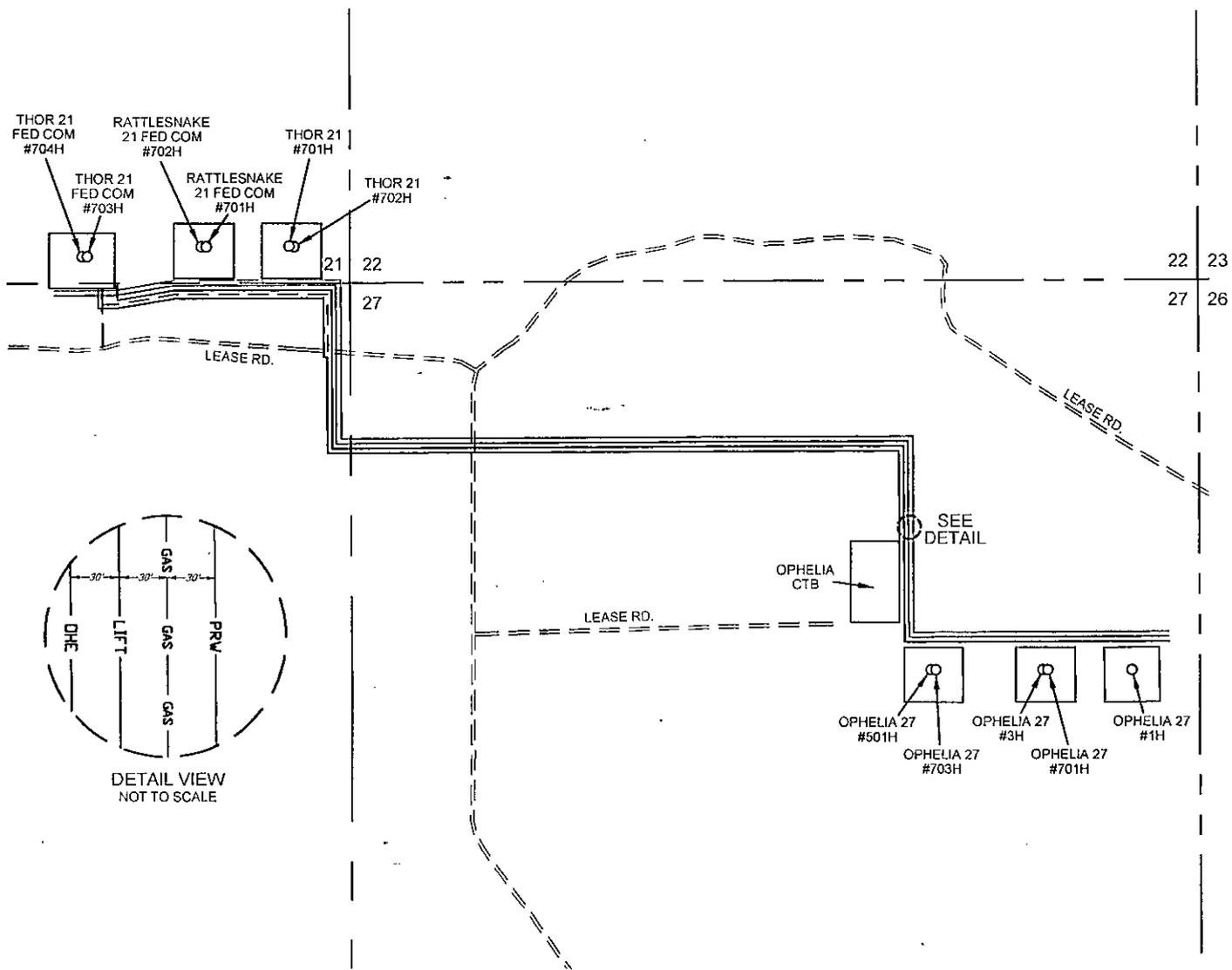


EXHIBIT 5

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



<p>PRW — 12" PRODUCED WATER LINE -TOTAL FOOTAGE 9,154 FT -(WORKING PRESSURE 75-125 PSI)</p> <p>FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA 27 #1H..... 9,154 FT</p>	<p>LIFT — 8" GAS LIFT LINE -TOTAL FOOTAGE 8,872 FT -(WORKING PRESSURE 75-125 PSI)</p> <p>FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA 27 #1H..... 8,872 FT</p>
<p>DHE — ELECTRIC LINE -TOTAL FOOTAGE 6,651 FT -(WORKING PRESSURE 75-125 PSI)</p> <p>FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA CTB..... 6,651 FT</p>	<p>GAS — 12" GAS SALES LINE -TOTAL FOOTAGE 9,154 FT -(WORKING PRESSURE 75-125 PSI)</p> <p>FROM THOR 21 FED COM #704H & THOR 21 FED COM #703H TO OPHELIA 27 #1H..... 9,154 FT</p>
<p>LEASE RD. DISTANCE -TOTAL FOOTAGE 2,137 FT</p> <p>FROM LEASE RD. TO THOR 21 FED COM #704H & THOR 21 FED COM #703H..... 371 FT</p> <p>FROM LEASE RD. TO THOR 21 FED COM #704H & THOR 21 FED COM #703H..... 1,865 FT</p>	



THOR 21 FED COM 703H AND 704H INFRASTRUCTURE MAP	REVISION:	
	MML	05/20/15
DATE:	03/25/14	
FILE:	S:\SURV\EYEO3_MIDLAND\THOR_21_FED_COM\FINAL_PRODUCTS\SKETCHES\THOR21_703H_&_THOR21FEDCOM_703H_INFRASTRUCTURE_MAP_REV1.DWG	
DRAWN BY:	MML	
SHEET:	1 OF 1	