

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240
Phone (505) 393-8181 Fax: (505) 393-8720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (505) 748-1253 Fax: (505) 748-9720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 534-8178 Fax: (505) 334-6170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3460 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-43408	Pool Code 96434	Pool Name Red Hills; Bone Spring North
Property Code 316774	Property Name JOSEPHINE FEDERAL COM	Well Number 1H
OGRID No. 260511	Operator Name GMT EXPLORATION COMPANY LLC	Elevation 3531

Surface Location

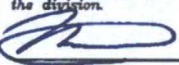

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
A	21	24 S	34 E		400	NORTH	660	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
P	21	24 S	34 E		330	SOUTH	660	EAST	LEA

Dedicated Acres	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>N: 441286.8 E: 804197.2 (NAD83)</p> <p>N: 441303.0 E: 806837.2 (NAD83)</p> <p>SURFACE LOCATION Lat - N 32°12'33.10" Long - W 103°28'06.60" NMSPC - N 440915.2 E 808819.7 (NAD-83)</p> <p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32°11'48.12" Long - W 103°28'06.62" NMSPC - N 436369.5 E 808854.1 (NAD-83)</p> <p>N: 436007.6 E: 804243.2 (NAD83)</p>	<p>3530.1' 3531.0'</p> <p>400'</p> <p>S.L.</p> <p>660'</p> <p>3530.2' 3533.0'</p> <p>330'</p> <p>B.H.</p> <p>660'</p> <p>N: 436044.1 E: 809517.0 (NAD83)</p>	<p>OPERATOR CERTIFICATION</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 undivided 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> 4/29/16 Signature Date</p> <p>Keith Kress Printed Name</p> <p>kkress@gmtexploration.com Email Address</p> <p>SURVEYOR CERTIFICATION</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>Date Surveyed APR 28, 2016</p> <p>Signature & Seal of Professional Surveyor </p> <p>Certificate No. 7977</p> <p>Scale: 1" = 1000'</p> <p>WO Num.: 30452</p>
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DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-8101 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 Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

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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

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87505

Exhibit 1

Form C-102

Revised August 1, 2011

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 96434	Pool Name Red Hills; Bone Spring North
Property Code	Property Name JOSEPHINE FEDERAL COM	Well Number 1H
OGRID No. 260511	Operator Name GMT EXPLORATION COMPANY LLC	Elevation 3531

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
A	21	24 S	34 E		400	NORTH	660	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
P	21	24 S	34 E		330	SOUTH	660	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	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

N: 441286.8 E: 804197.2 (NAD83)	N: 441303.0 E: 806837.2 (NAD83)	SURFACE LOCATION Lat - N 32°12'33.10" Long - W 103°28'06.60" NMSPCE- N 440915.2 E 808819.7 (NAD-83)	3530.1 3531.0 S.L. 660' 3530.2 3533.0'
Communitized lands			
NMNMI26971			
The land -			454.7'
N: 436007.6 E: 804243.2 (NAD83)		PROPOSED BOTTOM HOLE LOCATION Lat - N 32°11'48.12" Long - W 103°28'06.62" NMSPCE- N 436369.5 E 808854.1 (NAD-83)	B.H. 330' 660' N: 436044.1 E: 809517.0 (NAD83)

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.

Signature: **KEITH KRESS** Date: **11/26/14**

Printed Name: **KEITH KRESS**

Email Address: **KKRESS@GMTEXPLORATION.COM**

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 and correct to the best of my belief.

Date Surveyed: **MAY 29, 2014**

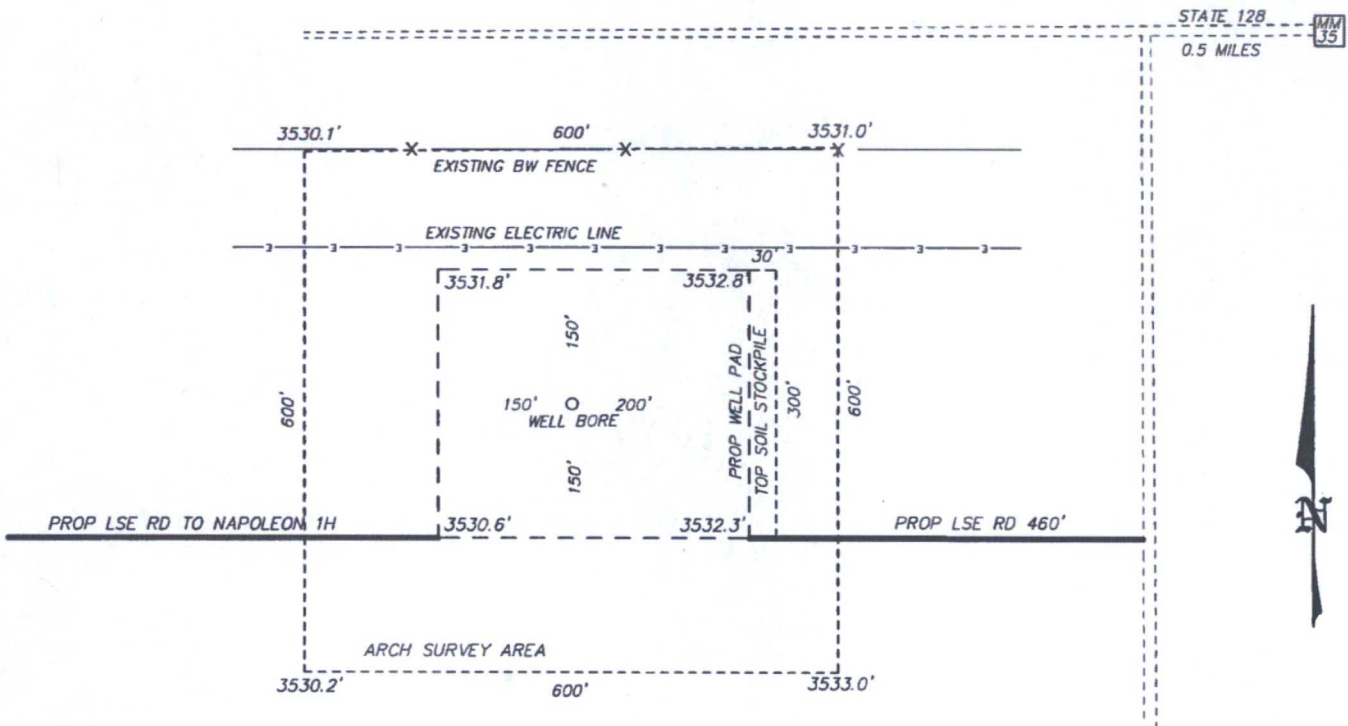
Signature & Seal of Professional Surveyor: **GARY L. JONES**

Certificate No.: **7977**

Scale: **1" = 1000'**

WO Num.: **30452**

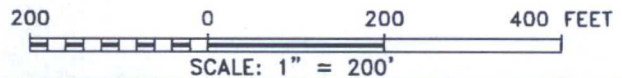
SECTION 21, TOWNSHIP 24 SOUTH, RANGE 34 EAST. N.M.P.M.,
LEA COUNTY, NEW MEXICO.



GMT EXPLORATION COMPANY LLC
JOSEPHINE FEDERAL COM #1H
ELEV. - 3531'
Lat - N 32°12'33.10"
Long - W 103°28'06.60"
NMSPCE- N 440915.2
E 808819.7
(NAD-83)

NOTE: V-DOOR TO WEST
RE-CLAIM 50' EAST
RE-CLAIM 75' SOUTH

JAL, NM IS ±17 MILES TO THE SOUTHEAST OF LOCATION.



Directions to Location:

FROM THE CITY OF JAL, GO WEST ON US 128, WEST
OF MILE MARKER 35, TURN SOUTH TO EXISTING
LEASE ROAD AND PROPOSED PAD.

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in the oilfield

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



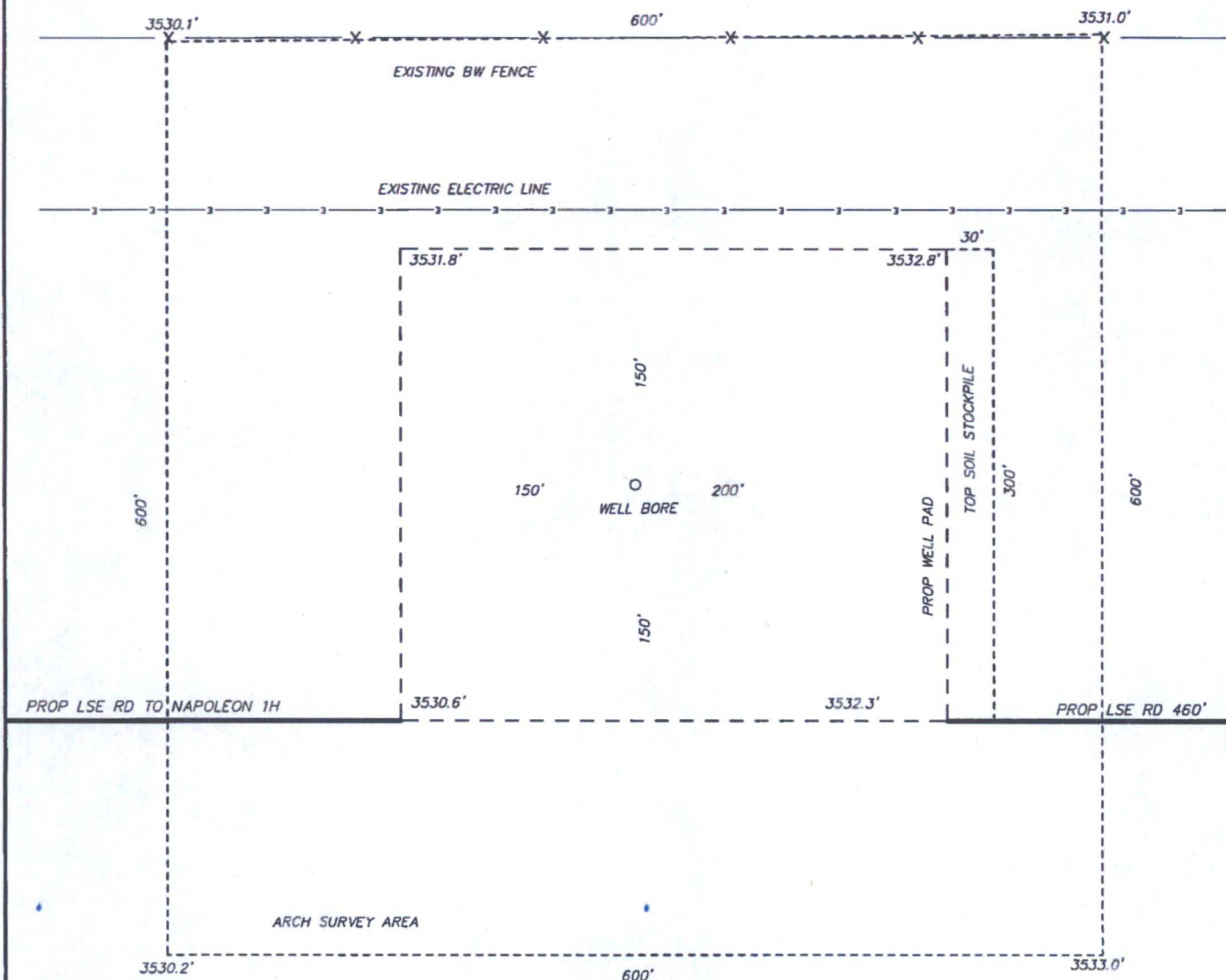
GMT EXPLORATION COMPANY LLC

REF: JOSEPHINE FEDERAL COM #1H / WELL PAD TOPO

THE JOSEPHINE FEDERAL COM #1H LOCATED 400' FROM
THE NORTH LINE AND 660' FROM THE EAST LINE OF
SECTION 21, TOWNSHIP 24 SOUTH, RANGE 34 EAST.

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

SECTION 21, TOWNSHIP 24 SOUTH, RANGE 34 EAST. N.M.P.M.,
LEA COUNTY, NEW MEXICO.



100 0 100 200 FEET
SCALE: 1" = 100'



GMT EXPLORATION COMPANY LLC

REF: JOSEPHINE FEDERAL COM #1H / WELL PAD TOPO

THE JOSEPHINE FEDERAL COM #1H LOCATED 400' FROM
THE NORTH LINE AND 660' FROM THE EAST LINE OF
SECTION 21, TOWNSHIP 24 SOUTH, RANGE 34 EAST.

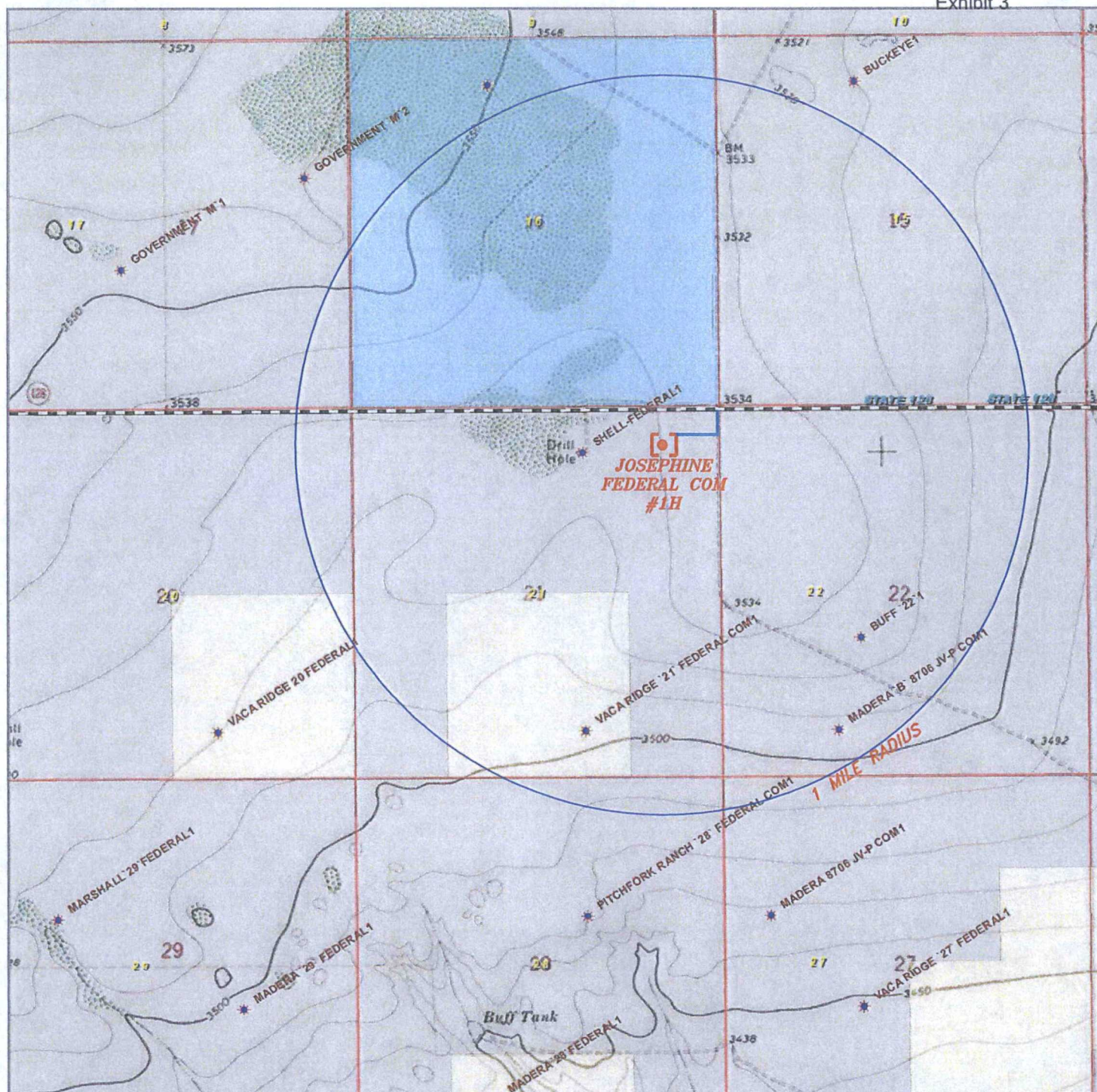
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basinsurveys.com

W.O. Number: 30452 | Drawn By: K. NORRIS | Date: 06-02-2014 | Survey Date: 05-29-2014 | Sheet 1 of 1 Sheets



JOSEPHINE FEDERAL COM #1H

Located 400' FNL and 660' FEL
Section 21, Township 24 South, Range 34 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 30452

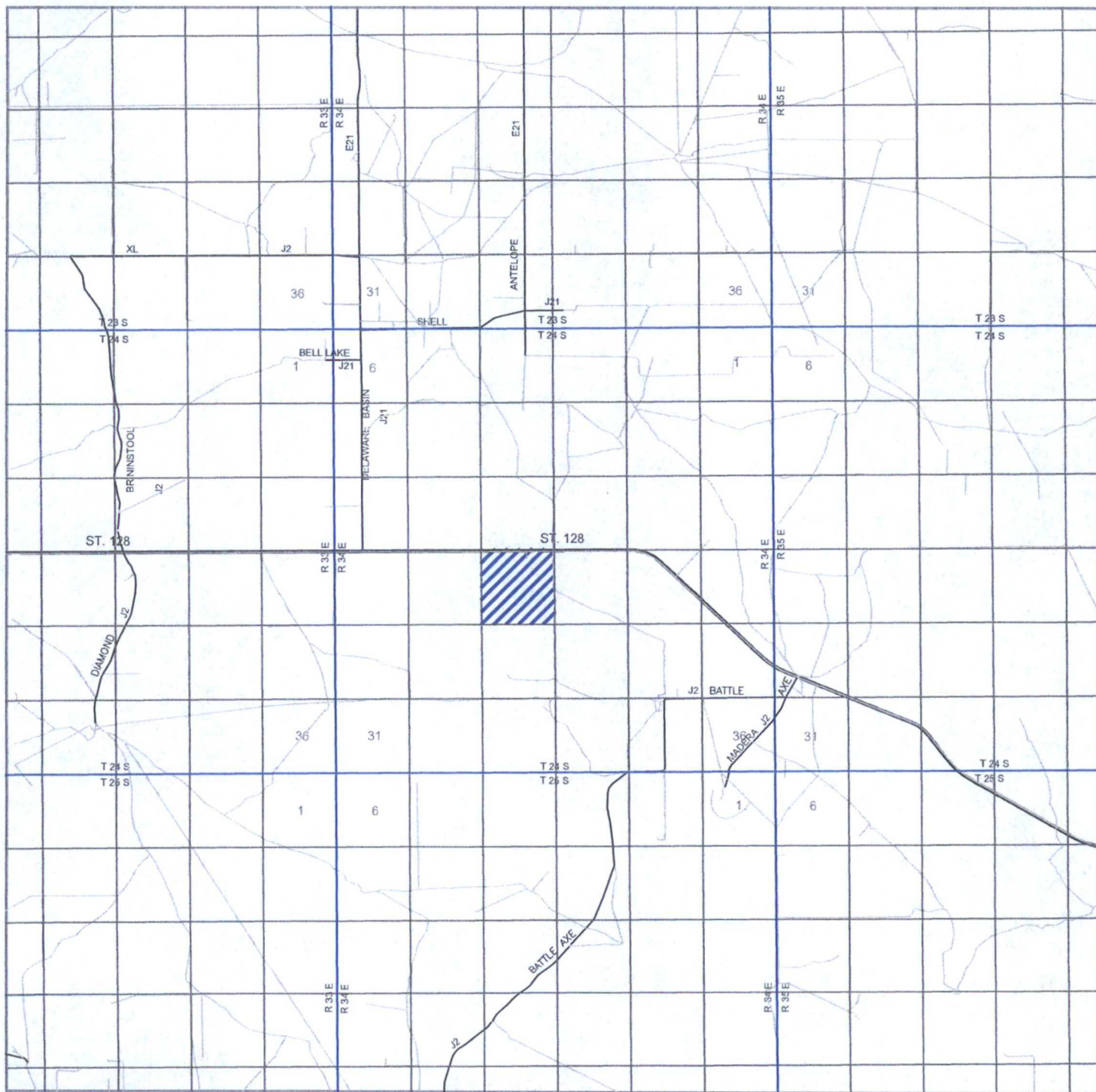
Survey Date: 05-29-2014

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



GMT EXPLORATION COMPANY LLC

REGULATORY • OPERATIONS • PRODUCTION



JOSEPHINE FEDERAL COM #1H

Located 400' FNL and 660' FEL
Section 21, Township 24 South, Range 34 East,
N.M.P.M., Lea County, New Mexico.



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0 1 MI 2 MI 3 MI 4 MI

SCALE: 1" = 2 MILES

W.O. Number: KAN 30452

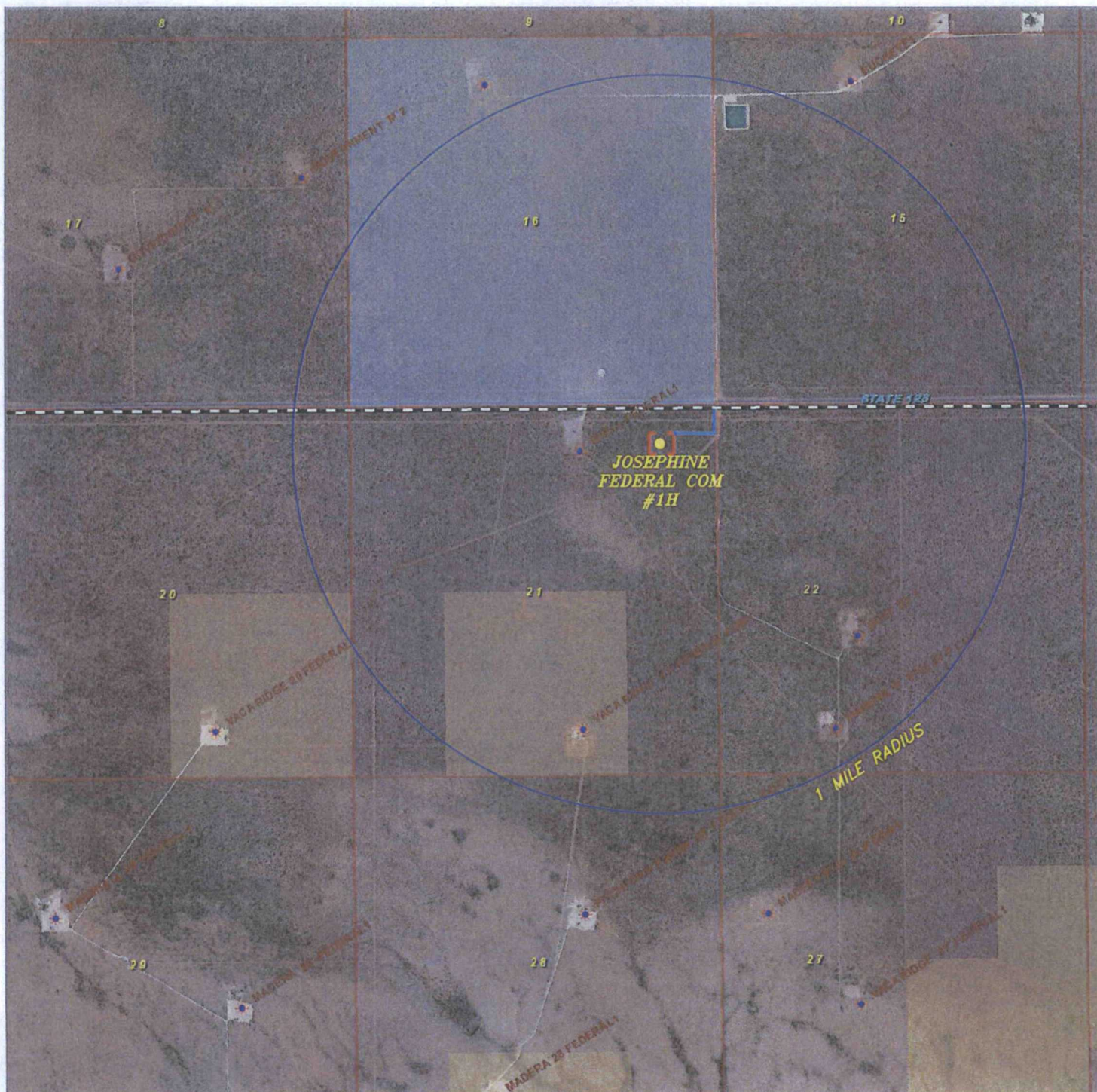
Survey Date: 05-29-2014

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



GMT EXPLORATION COMPANY LLC

2014-05-29 11:00 AM EST



JOSEPHINE FEDERAL COM #1H

Located 400' FNL and 660' FEL
Section 21, Township 24 South, Range 34 East,
N.M.P.M., Lea County, New Mexico.



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0' 1000' 2000' 3000' 4000'

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W.O. Number: KAN 30452

Survey Date: 05-29-2014

YELLOW TINT - USA LAND

BLUE TINT - STATE LAND

NATURAL COLOR - FEE LAND



GMT EXPLORATION COMPANY LLC

AN OIL & GAS COMPANY OF PETROBRAS

Exhibit 4

Wells in 1 Mile Radius of SL			
API	Company	Well Name	Qrt/Qrt Location
30025416650000	EOG Resources INC	Jolly Roger 16 State #1H	Sec 16 T24S R34E
30025405660000	GMT Exploration	Pirate State #1H	Sec 16 T24S R34E
Plugged Wells in a 1 Mile Radius of SL			
30025084940000	Cabeen Exploration Co	Shell-Federal #1	Sec 21 T24S R34E
30025700948400	Southland Royalty Co	Vaca Ridge '21' Fed #2	Sec 21 T24S R34E
30025286410000	Southland Royalty Co	Vaca Ridge '21' Fed #1	Sec 21 T24S R34E
30025282350000	HNG Oil Co	Buff '22' #1	Sec 22 T24S R34E
30025301790000	BTA Oil Producers	Madera "B" 8706 JV #1	Sec 22 T24S R34E

Wells in 1 Mile Radius of BHL			
API	Company	Well Name	Qrt/Qrt Location
30025284880000	EOG Resources	Pitchfork Ranch '28' #1	Sec 28 T24S R34E
Plugged Wells in a 1 Mile Radius of BHL			
30025084940000	Cabeen Exploration Co	Shell-Federal #1	Sec 21 T24S R34E
30025700948400	Southland Royalty Co	Vaca Ridge '21' Fed #2	Sec 21 T24S R34E
30025286410000	Southland Royalty Co	Vaca Ridge '21' Fed #1	Sec 21 T24S R34E
30025282350000	HNG Oil Co	Buff '22' #1	Sec 22 T24S R34E
30025301790000	BTA Oil Producers	Madera "B" 8706 JV #1	Sec 22 T24S R34E
30025299170000	BTA Oil Producers	Madera 8706 JV-P Co #1	Sec 27 T24S R34E
30025283210000	Southland Royalty Co	Vaca Ridge '27' Fed #1	Sec 27 T24S R34E

EXHIBIT 4

