DISTRICT I 1625 N. French Dr., Hobbs, NM 68240 Phone (675) 393-6161 Fax: (675) 393-0720 DISTRICT II 811 S. First St., Artesia, NM 88210 Phone (576) 748-1283 Fax: (575) 748-9720

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone (505) 334-8178 Faz: (605) 334-8170

DISTRICT IV 1220 S. St. Francis Br., Santa Fe, NM 87505 Phone (506) 478-3460 Fax: (508) 478-3452

30-025-

Property Code

OGRID No.

260511

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised August 1, 2011

> Elevation 3531

Submit one copy to appropriate
District Office

#### OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 434 Pool Code Pool Name 96434 Red Hills; Bone Spring North Property Name Well Number JOSEPHINE FEDERAL COM 1H

> GMT EXPLORATION COMPANY LLC Surface Location

Operator Name

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 Range Lot Idn Feet from the SOUTH/South line Township Feet from the East/West line County P 21 24 S 34 E SOUTH 330 660 **EAST** LEA Joint or Infill Consolidation Code Dedicated Acres Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-STAN	DARD UNIT HAS BEE	N APPROVED BY TH	E DIVISION
N.: 441286.8 E. 804197.2 (NAD83)	N.: 441303.0 E.: 808637.2 (NAD83)		3530.1 3531.0 N 441319.2 E 809477.2 (NAD83) 660 - 35330.2 3533.0	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 bettom 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.
	         			Keith Kress  Printed Name  kkress@gmtexploration.com  Email Address  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
	       			Date Salveyed May Signature & Salveyed Professional Surveyor
N. 436007.6 E. 604243.2 (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. 660'	Certification Gold Library 7977  0' 500' 1000' 1500' 2000' 1500' 2000' 1

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6181 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 748-1263 Fax: (575) 748-9720 State of New Mexico Energy, Minerals and Natural Resources Department

DISTRICT III 1000 Rio Brazos Rd., 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

Exhibit 1

Form C-102 Revised August 1, 2011

Submit one copy to appropriate District Office

#### OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

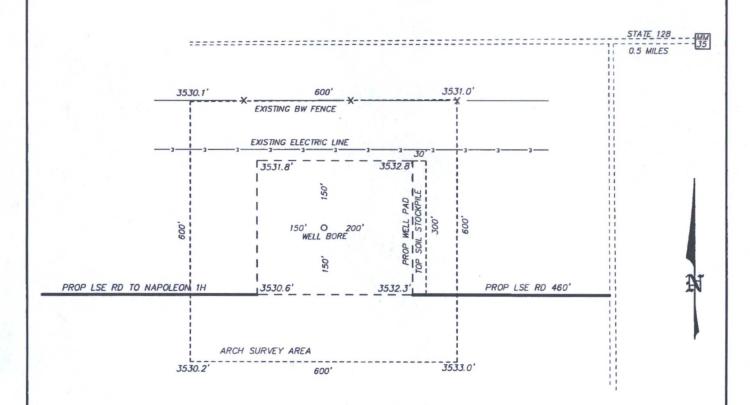
☐ AMENDED REPORT

Property Code  Property Name  JOSEPHINE FEDERAL COM  Operator Name  GMT EXPLORATION COMPANY LLC  Surface Location  UL or lot No. Section Township Range Lot Idn Feet from the SOUTH/South line Feet from the East/West line  A 21 24 S 34 E 400 NORTH 660 EAST  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  Bottom Hole Location If Different From Surface	th	ring Ner	Pool Name	d Hills;	Re	Pool Code	96		Number	API
OGRID No.  GMT EXPLORATION COMPANY LLC  Surface Location  UL or lot No. Section Township Range Lot Idn Feet from the SOUTH/South line Feet from the East/West line A 21 24 S 34 E 400 NORTH 660 EAST  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 Feet from the South/South line Feet from the East/West line	nber	Well Nu	7	ie	The second secon	,			Code	Property (
GMT EXPLORATION COMPANY LLC  Surface Location  UL or lot No. Section Township Range Lot Idn Feet from the SOUTH/South line Feet from the East/West line A 21 24 S 34 E 400 NORTH 660 EAST  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		1H		RAL COM	PHINE FEDER	JOSE				
Surface Location  UL or lot No. Section Township Range Lot Idn Feet from the SOUTH/South line Feet from the East/West line A 21 24 S 34 E 400 NORTH 660 EAST  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				ie	Operator Nam				).	OGRID No
UL or lot No. Section Township Range Lot Idn Feet from the NORTH 660 EAST  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 Feet from the SOUTH/South line Feet from the East/West line		3531		OMPANY LLC	LORATION C	MT EXP	G			24051
A 21 24 S 34 E 400 NORTH 660 EAST  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				ation	Surface Loc					
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	East/West line	Feet from the	SOUTH/South line	Feet from the	Lot Idn	Range	Township	Section	UL or lot No.
UL or lot No. Section Township Range Lot Idn Feet from the SOUTH/South line Feet from the East/West line	LEA	EAST	660	NORTH	400		34 E	24 S	21	Α
			face	rent From Sur	ation If Diffe	Hole Loc	Bottom			
	County	East/West line	Feet from the	SOUTH/South line	Feet from the	Lot Idn	Range	Township	Section	UL or lot No.
P 21 24 S 34 E 330 SOUTH 660 EAST	LEA	EAST	660	SOUTH	330		34 E	24 S	21	Р
Dedicated Acres   Joint or Infill   Consolidation Code   Order No.					der No.	Code Ord	nsolidation (	r Infill Cor	Joint o	Dedicated Acres

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

		EN ATTROVED DI TII	
N.: 441286.8 E.: 804197.2 (NAD83)	N.: 441303.0   E.: 808837.2	3530.1 3531.0 441319.2 8.4 (NAD83) 0 660' > 3533.0'	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.
t	NMNM126971		Signature  Date  Date  Date  Printed Name  KEESS COMTEXPLORATION OM  Email Address  SURVEYOR CERTIFICATION
	Fae land -	4547'	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 supervison and that the same is true and correct to the heat of my belief.  Date Shrveyed Mark Signature & Sen of Professional Surveyor
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. 660' N.: 436044. N.: 650517.0 N.: MADE3)	Certificat Gory Lipes 7977  0' 500' 1000' 1500' 2000'N  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'
Lot - N 32'12'33.10"
Long - W 103'28'06.60"
NMSPCE - N 440915.2
E 808819.7 (NAD-B3)

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.

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

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

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

200 0 400 FEET SCALE: 1" = 200'

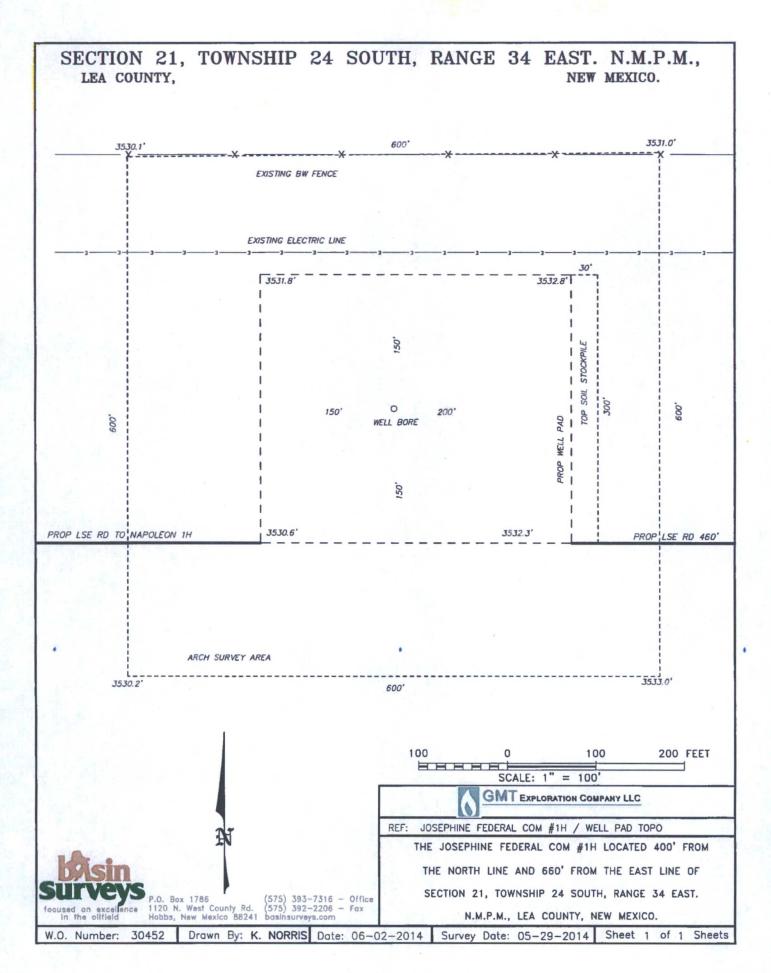
GMT EXPLORATION COMPANY LLC

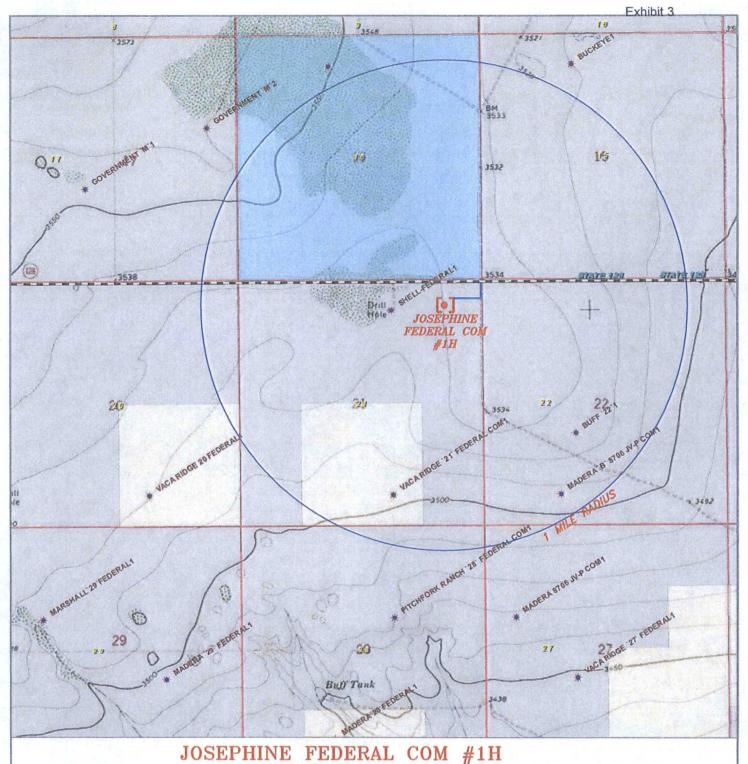
JOSEPHINE FEDERAL COM #1H / WELL PAD TOPO

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.

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





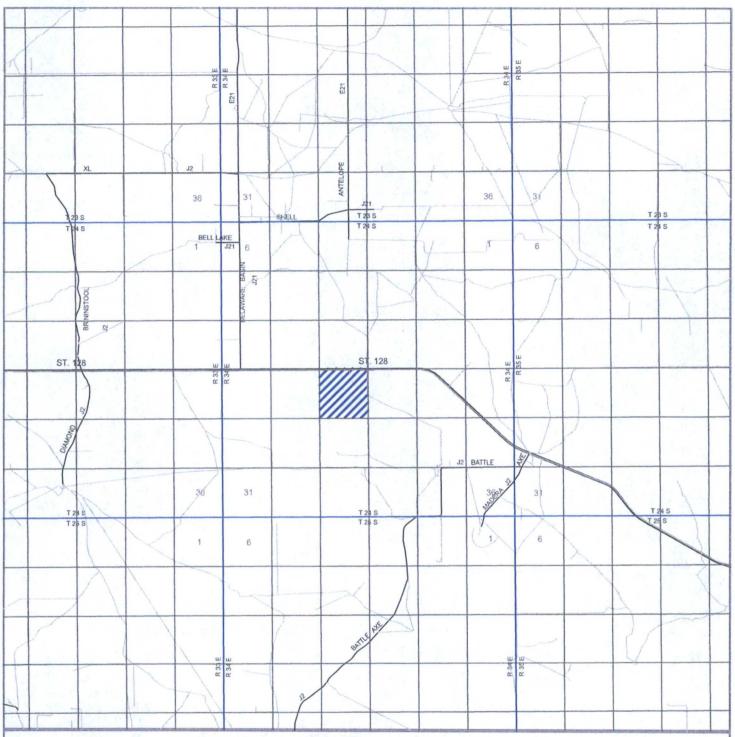
# Located 400' FNL and 660' FEL Section 21, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico.



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

	0,	1000'	2000'	3000'	4000'	Г
And particular	ES MI MI	SCA	LE: 1" =	2000'	H. H.C. DOLL	
	W.O.	Number:	KAN :	30452	State of the State	1
	Surve	y Date:	05-29	-2014		d
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## JOSEPHINE FEDERAL COM #1H

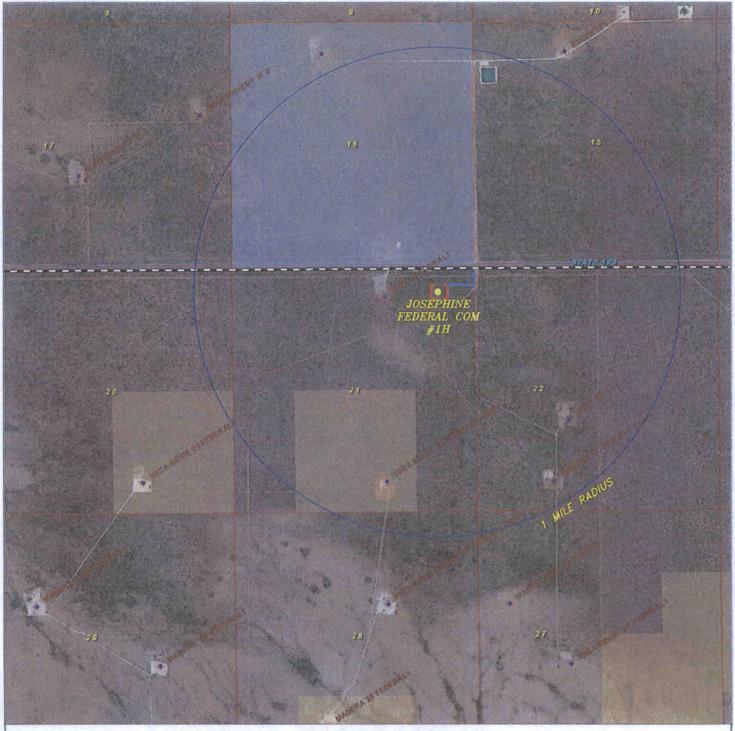
Located 400' FNL and 660' FEL Section 21, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico.



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

1	0 1 MI 2 MI 3 MI 4 MI	T
	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	





## 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.



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

-		_
1	0' 1000' 2000' 3000' 4000'	
	SCALE: 1" = 2000'	
	W.O. Number: KAN 30452	9
	Survey Date: 05-29-2014	d
	YELLOW TINT — USA LAND BLUE TINT — STATE LAND NATURAL COLOR — FEE LAND	



Exhibit 4

	Wells in 1 M	ile 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
Levis Andrews	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 Mil	e Radius of BHL	12 4 2
API	Company	Well Name	Qrt/Qrt Location
30025284880000	EOG Resources	Pitchfork Ranch '28' #1	Sec 28 T24S R34E
AMERICA CO.	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

### BUCKEYE US SUPERIOR STATE JOLLY ROGER 16 STATE GOVERNMENT M 15 16 17 GOVERNMENT M PIRATE STATE SHELL-FEDERAL VACA RIDGE '21' FED BUFF '22' 20 VACA RIDGE 21 FED BHL MADERA S STOS JV. **GMT** Exploration SE New Mexico 1 Mile Radius Map Josephine Federal Com #1H MADERA 8706 JV-P CO PITCHFORK RANCH '28 FEET 28 POSTED WELL DATA VACA RIDGE '27' FED Well Name Well Number WELL SYMBOLS Location Only Oil Well MADERA'28' FEDERAL - Gas Well MADERA '28' FEDERAL - Dry Hole Abandoned Well Abandoned Oil Well October 16, 2014 PETRA 10/16/2014 11:19:45 AM

## **EXHIBIT 4**