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State of New Mexico
Energy, Minerals & Natural Resources Department
HOBBBS OGD CONSERVATION DIVISION
11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate

☐ AMENDED REPORT

RECEIVED LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-41905	Pool Code 96434	Pool Name RED HILLS, Bone Spring, NORTH
Property Code 40252	Property Name PICASSO FEDERAL COM	Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3530.8

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	24-S	34-E		190	SOUTH	1330	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	9	24-S	34-E		330	NORTH	2260	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

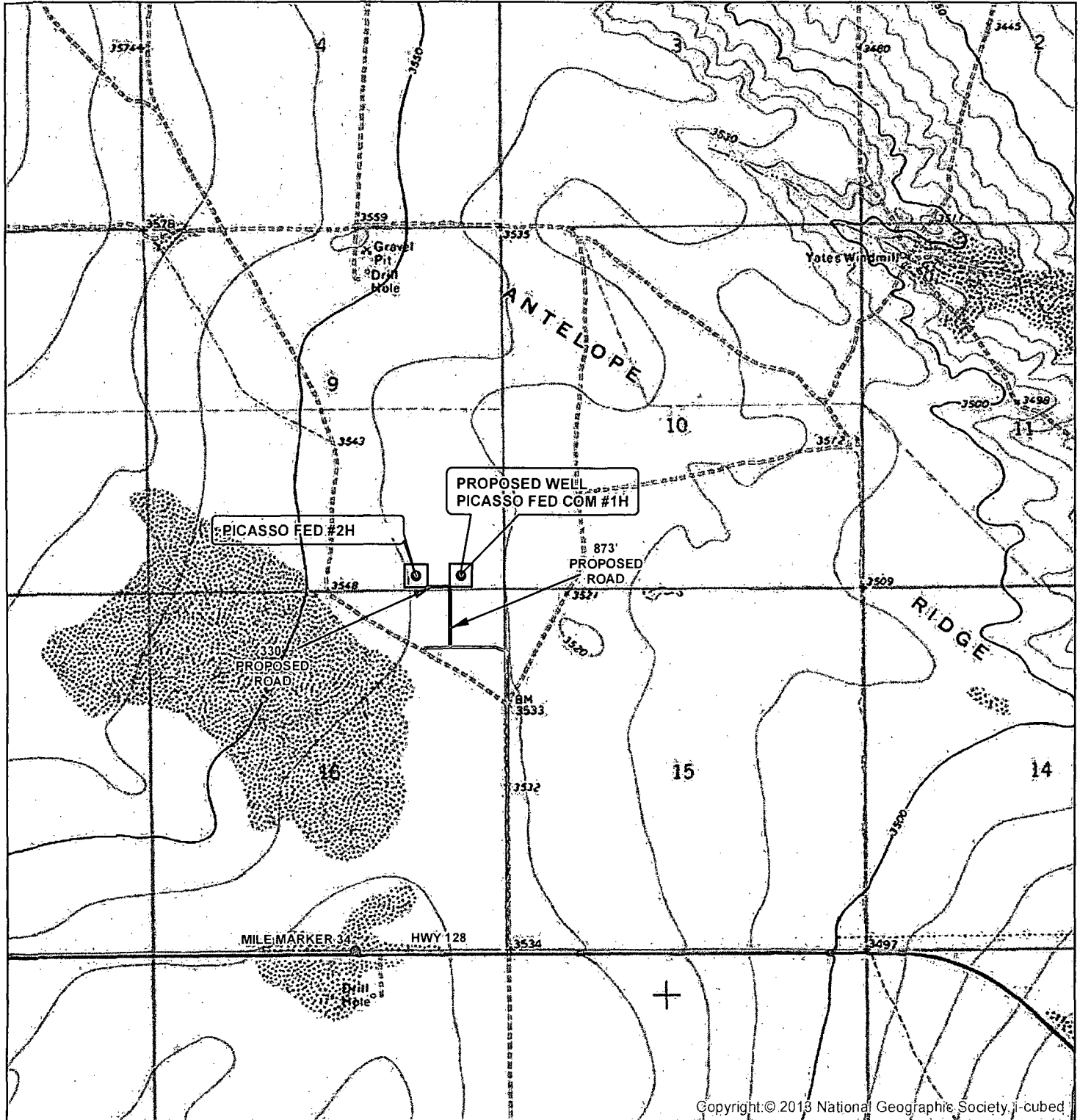
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=451475.6 N X=765936.5 E LAT.=32.238296° N LONG.=103.473241° W NAD 27 SURFACE LOCATION Y=446721.5 N X=766914.4 E LAT.=32.225207° N LONG.=103.470202° W Y=446523.5 N X=765605.9 E	Y=451803.1 N X=765557.1 E Y=451811.9 N X=766875.1 E Y=446531.6 N X=766926.0 E	330' B.H. 2260' GRID AZ. = 348°22'36" HORIZ. DIST. = 4853.6' NMNM0554252 S.L. 190' 1330'	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Melanie Barker</i> 11/26/13 Signature Date <i>Melanie Barker</i> Printed Name <i>mparker@concho.com</i> E-mail 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 supervision, and that the same is true and correct to the best of my belief. JUNE 26, 2013 Date of Survey Signature & Seal of Professional Surveyor <i>Chad L. Harcrow</i> 11/19/13 Certificate No. CHAD HARCROW 17777 W.O. # 13-444 DRAWN BY: VD
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JUN 09 2014

EXHIBIT 2

LOCATION VERIFICATION MAP

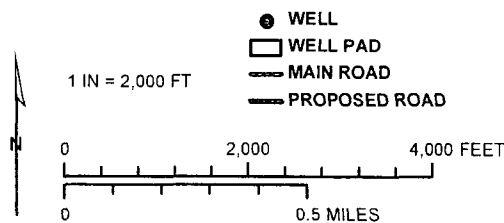


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SEC. 9, TWP. 24 S, RGE. 34E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: PICASSO FED #2H
 190' FSL, 1330' FEL

ELEVATION: 3530.8'
 OPERATOR: COG OPERATING LLC
 LEASE: PICASSO FED COM

W.O. # 13-444

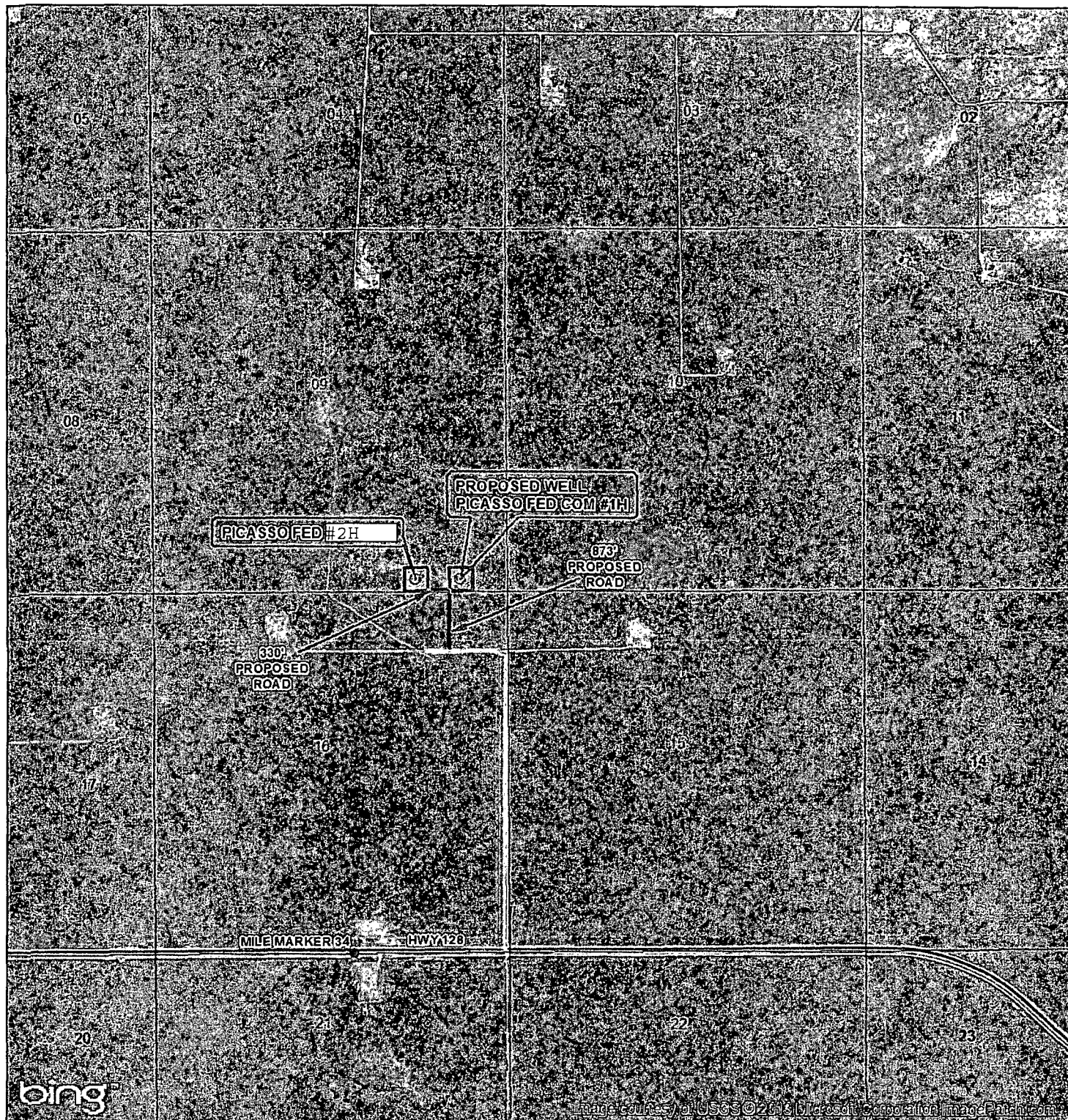


HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



MAP DATE: 7/22/2013

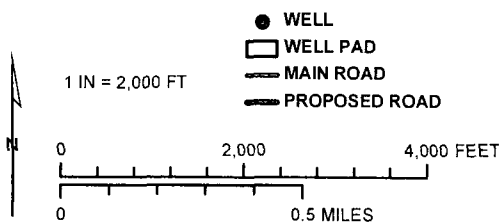
LOCATION VERIFICATION MAP



SEC. 9, TWP. 24 S, RGE. 34E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: PICASSO FED #2H
 190' FSL, 1330' FEL

ELEVATION: 3530.8'
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W.O. # 13-444

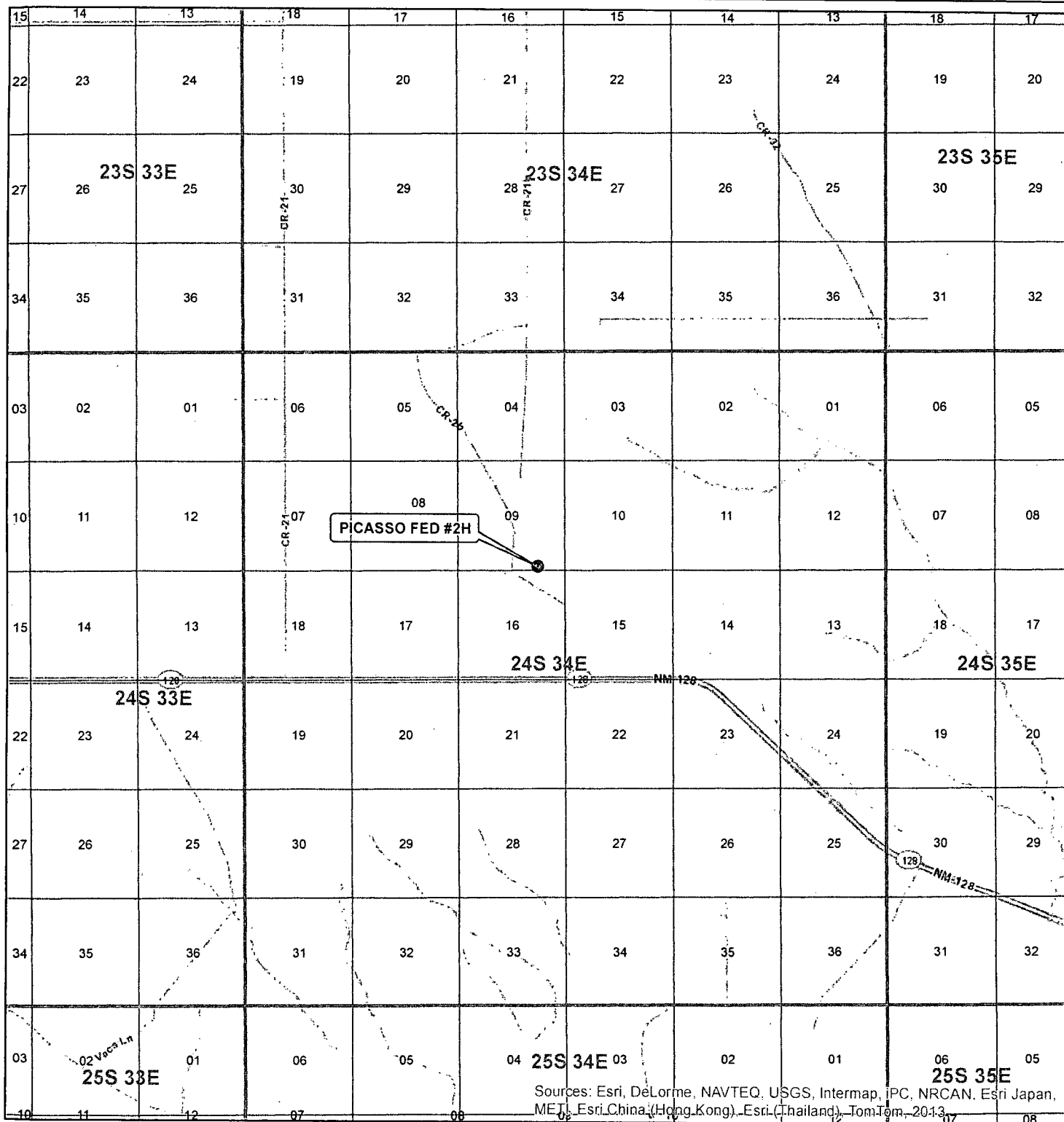


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MAP DATE: 7/22/2013

VICINITY MAP



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, IPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

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 SURVEY: N.M.P.M
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1 IN = 6,600 FT

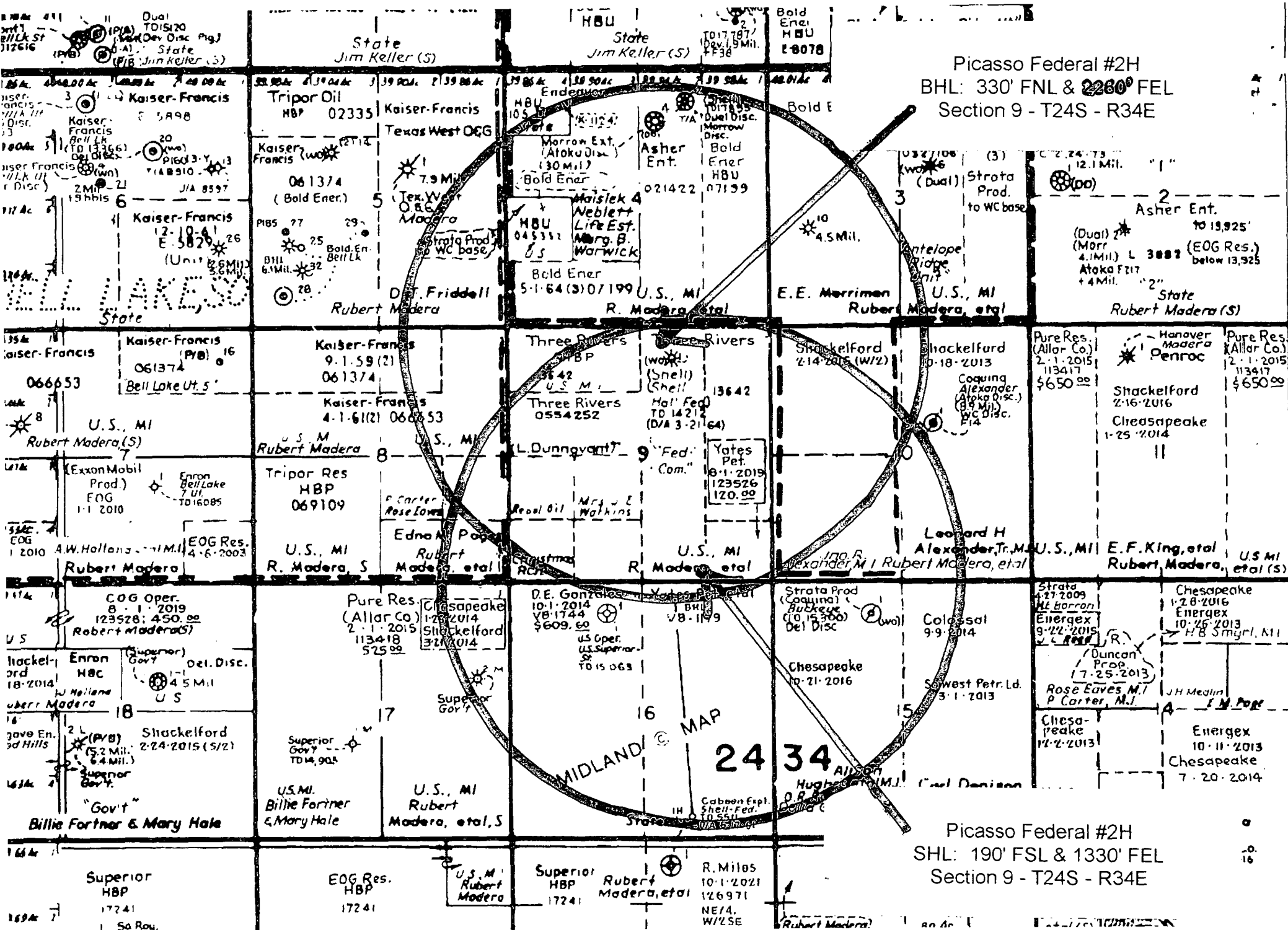
0 0.5 1 MILES

● WELL
 □ TOWNSHIP
 □ SECTION

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MAP DATE: 6/29/2013



Picasso Federal #2H
BHL: 330' FNL & 2280' FEL
Section 9 - T24S - R34E

Picasso Federal #2H
SHL: 190' FSL & 1330' FEL
Section 9 - T24S - R34E