

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
Phone: (505) 748-1263 Fax: (505) 748-8720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 41534	Pool Code 97899	Pool Name WC-025-G06 S253206M; Bone Spring
Property Code 39881	Property Name AZORES FEDERAL	Well Number 2H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3498.1

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	29	24-S	32-E		190	SOUTH	1650	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	29	24-S	32-E		330	NORTH	1840	EAST	LEA
Dedicated Acres 160	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

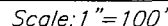
Y=435450.6 N X=697076.4 E NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=435130.0 N X=697881.9 E LAT.=32.194672° N LONG.=103.693644° W NAD 27 SURFACE LOCATION Y=430370.3 N X=698107.4 E LAT.=32.181584° N LONG.=103.693007° W Y=430169.2 N X=697117.9 E	330' B.H. 1840' Y=435466.1 N X=698397.9 E NMNM120908 GRID AZ. = 357°17'15" HORZ. DIST. = 4765.0 S.L. 190' 1650'	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 J Parker</i> 8/20/13 Signature Date <i>Melanie J Parker</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 12, 2013 Date of Survey Signature & Seal of Professional Surveyor <i>Chad L. Harcrow</i> 6/24/13 Certificate No. CHAD HARCROW 17777 W.O. # 13-376 DRAWN BY: VD
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DEC 10 2013

NEW MEXICO



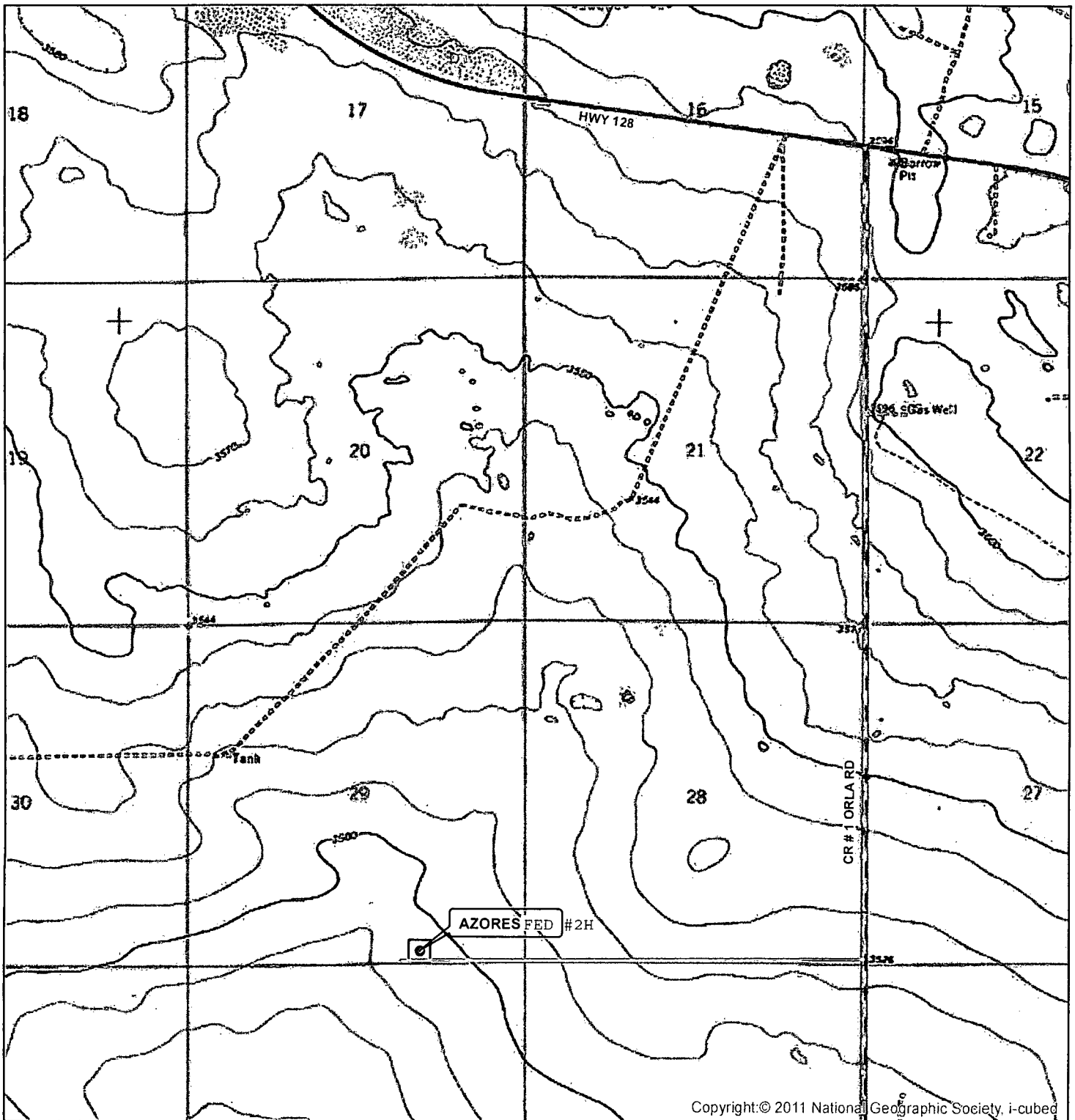
FROM THE INTERSECTION OF HWY 128 AND CR-1 (ORLA RD.) GO SOUTH ON CR-1 RD APPROX. 2.4 MILES;
THEN TURN RIGHT (WEST) ONTO A CALICHE RD. AND GO APPROX 1.3 MILES AND PROPOSED WELL IS APPROX.
150 FEET NORTH.



FILE: 13-376

EXHIBIT 2

LOCATION VERIFICATION MAP

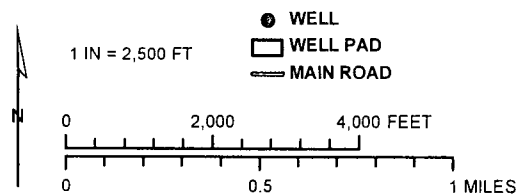


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SEC. 29, TWP. 24S, RGE. 32E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: AZORES FEDERAL #2H
 190' FSL, 1650' FEL

ELEVATION: 3498.1'
 OPERATOR: COG PRODUCTION LLC
 LEASE: AZORES

W.O. # 13-376

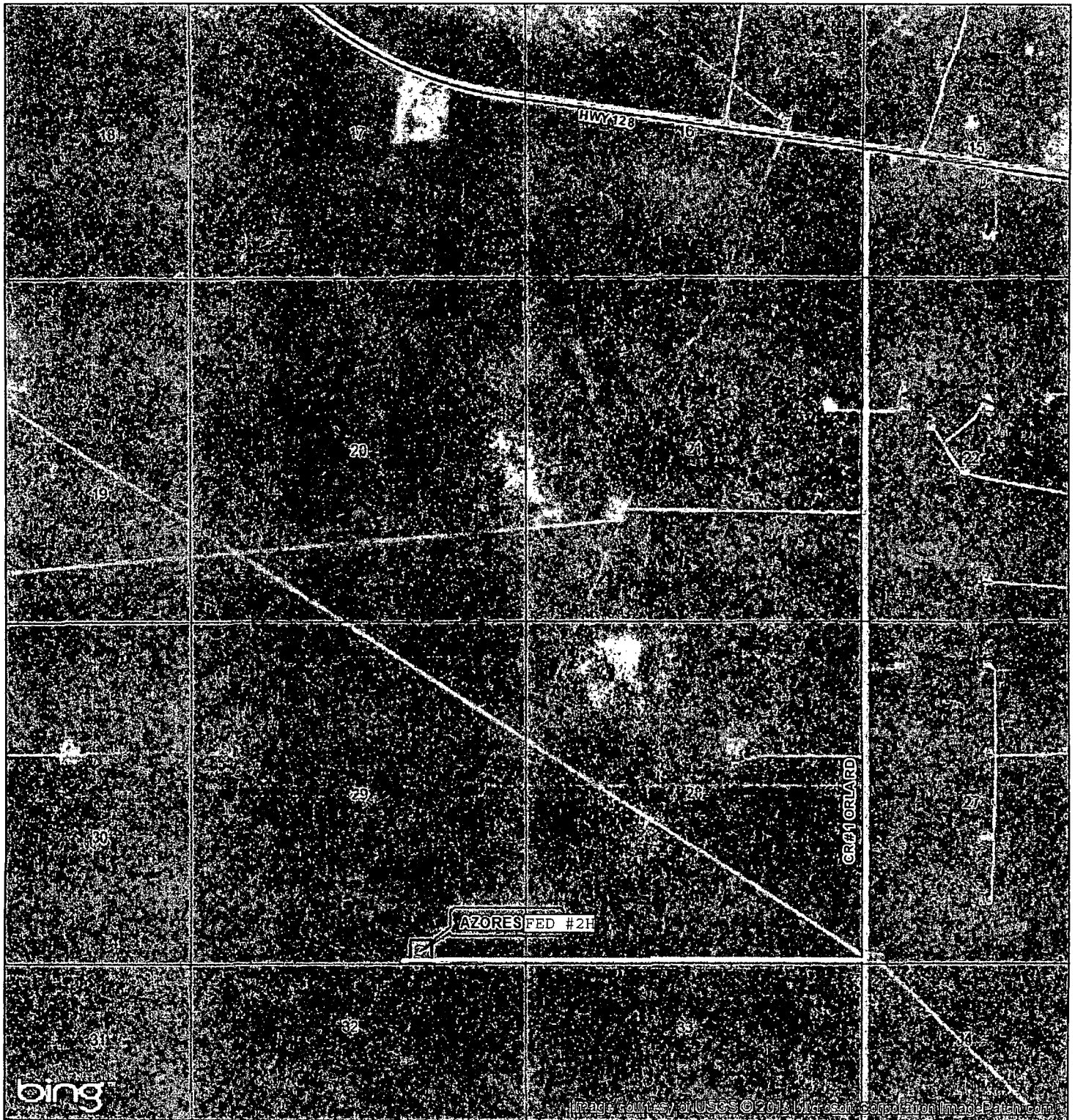


HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



MAP DATE: 6/13/2013

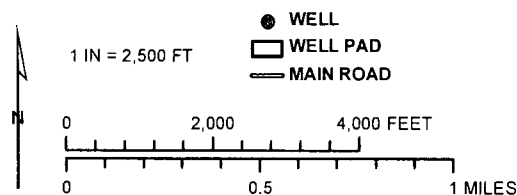
LOCATION VERIFICATION MAP



SEC. 29, TWP. 24S, RGE. 32E
 SURVEY: N.M.P.M
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 DESCRIPTION: AZORES FEDERAL #2H
 190' FSL, 1650' FEL

ELEVATION: 3498.1'
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W.O. # 13-376

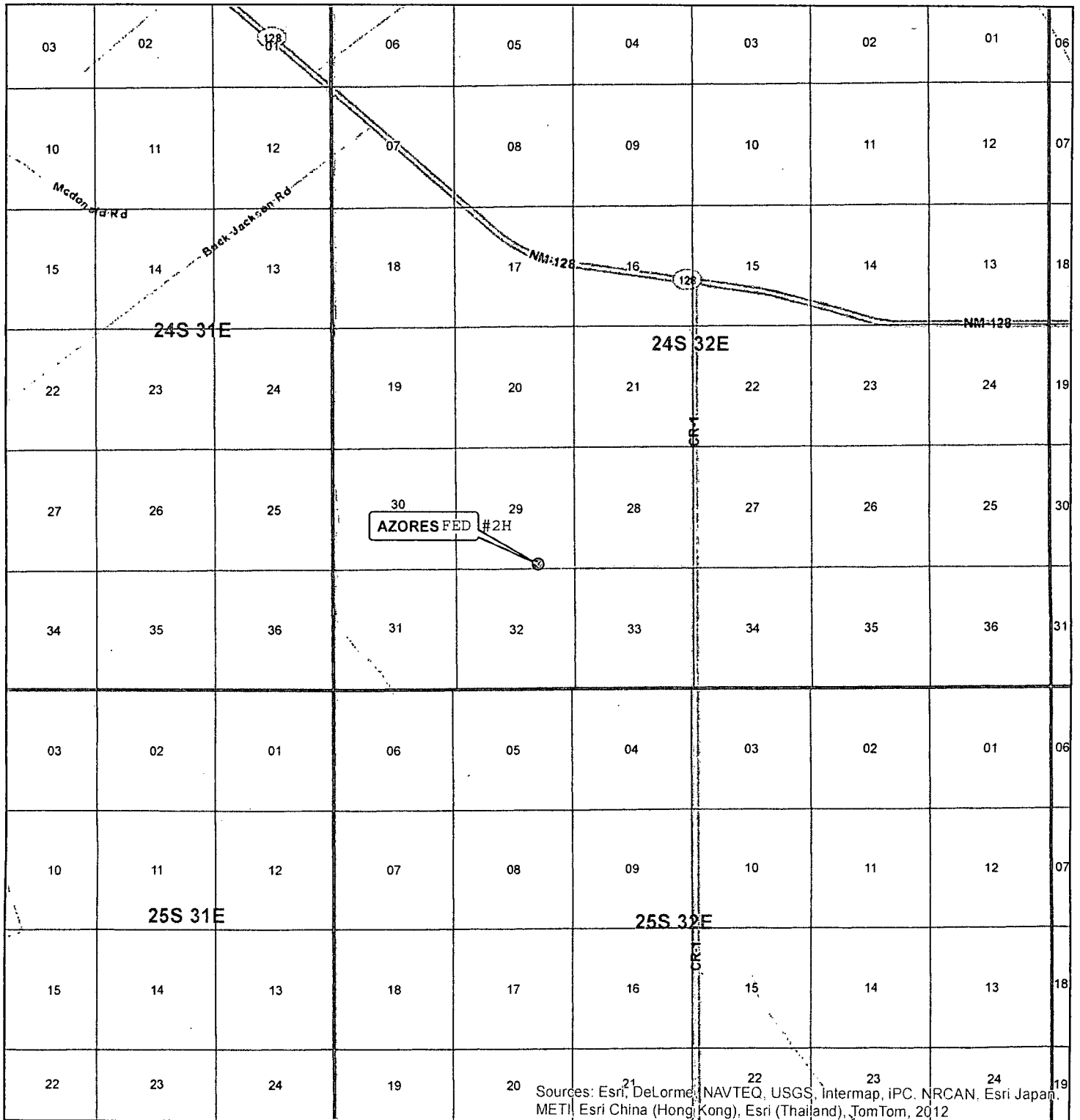


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MAP DATE: 6/13/2013

VICINITY MAP



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

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ELEVATION: 3498.1'
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W.O. # 13-376



1 IN = 6,000 FT

0 0.5 1 MILES

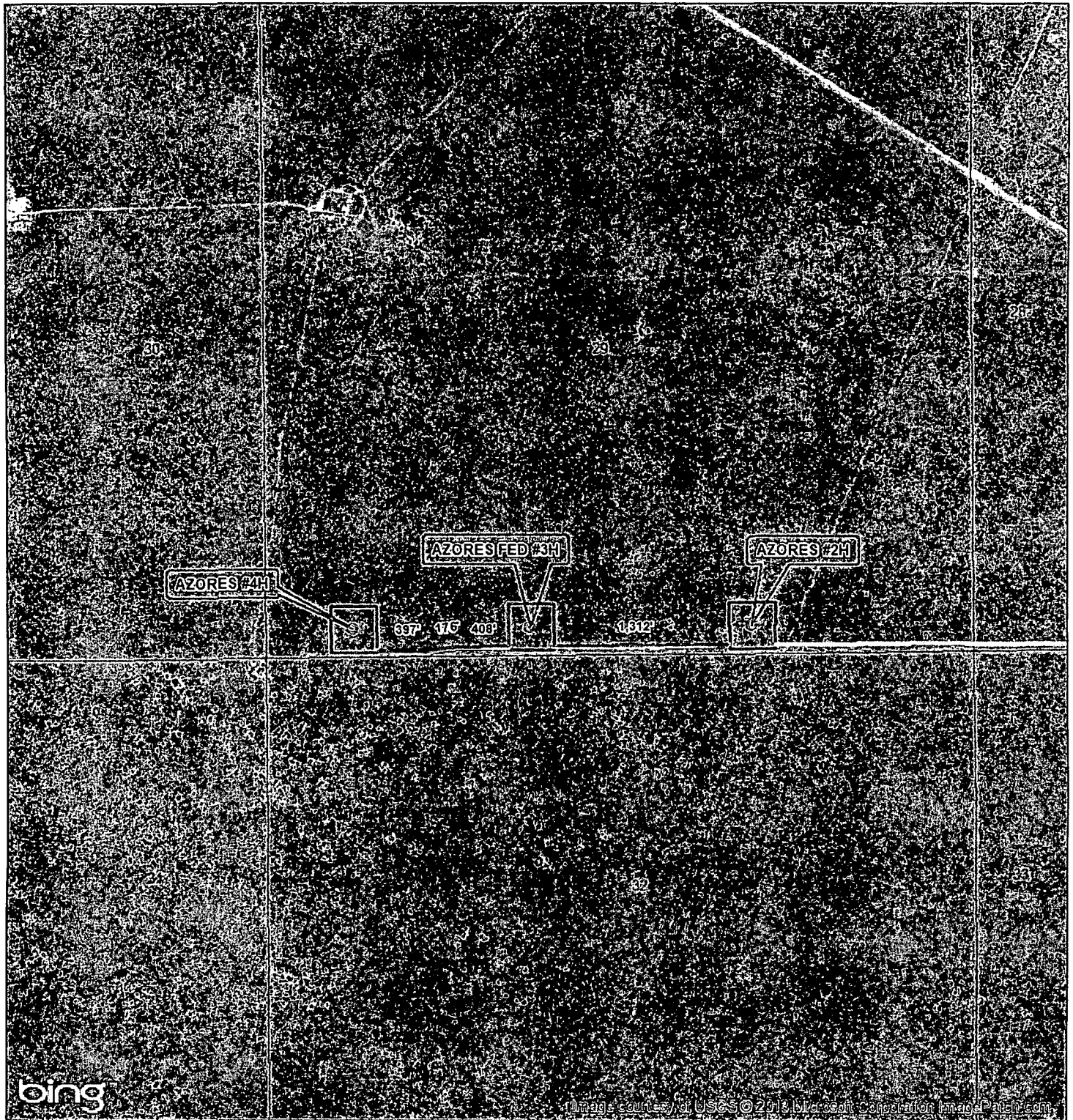
- WELL
- ▭ TOWNSHIP
- ▭ SECTION

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MAP DATE: 6/13/2013

FLOWLINE MAP



SEC. 29, TWP. 24 S, RGE. 32E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: AZORES
 #4H, #3H, AND #2H FLOWLINE
 FLOWLINE TOTAL: 2,293'

OPERATOR: COG PRODUCTION LLC
 LEASE: AZORES

W.O. # 13-589



1 IN = 1,000 FT

0 2,000 FEET

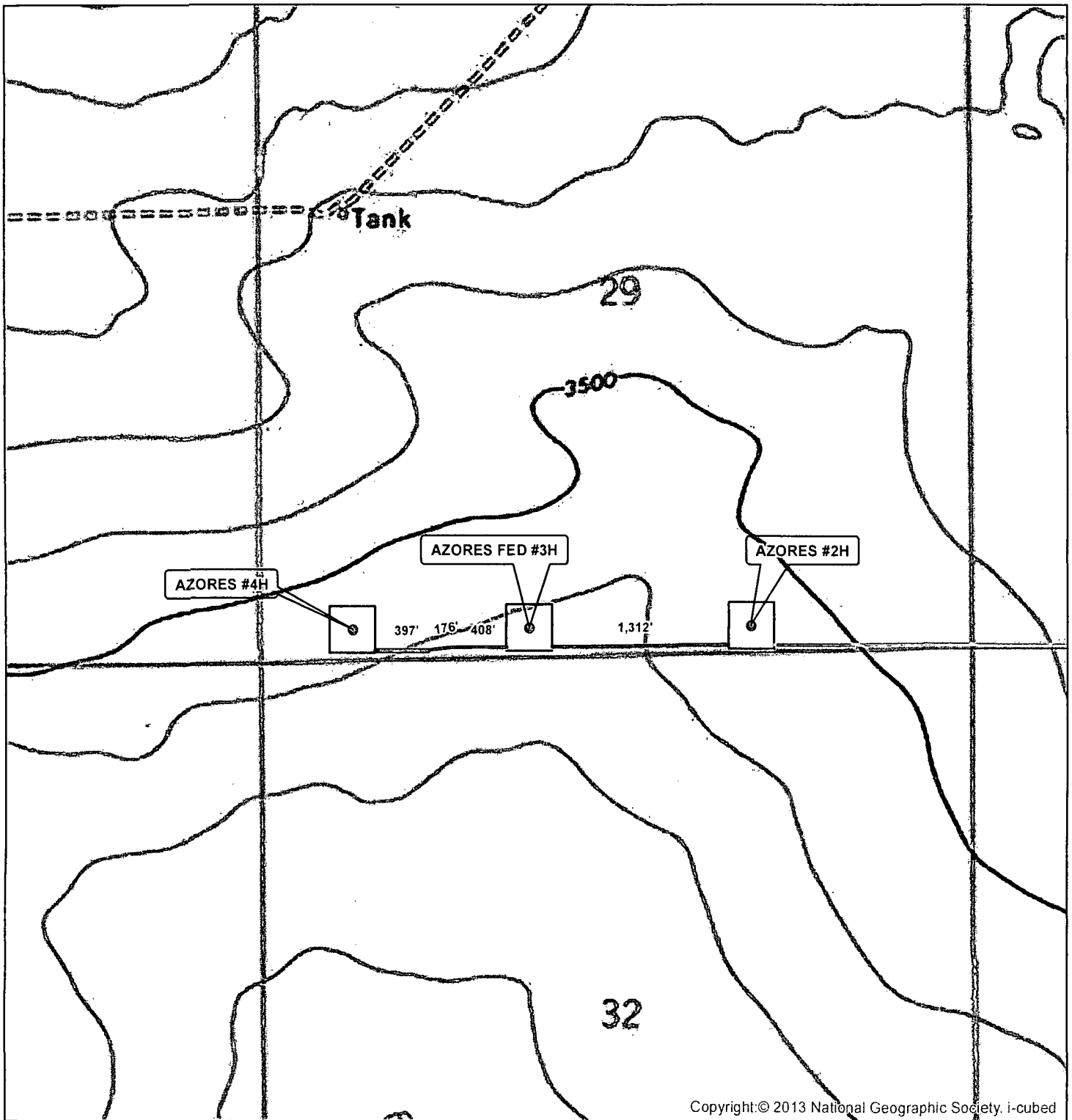
- WELL
- WELL PAD
- FLOWLINE
- MAIN ROAD
- PROPOSED ROAD
- TWO TRACK TO BE UPGRADED

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MAP DATE: 8/22/2013

FLOWLINE MAP



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SEC. 29, TWP. 24 S, RGE. 32E
 SURVEY: N.M.P.M.
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: AZORES
 #4H, #3H, AND #2H FLOWLINE
 FLOWLINE TOTAL: 2,293'

OPERATOR: COG PRODUCTION LLC
 LEASE: AZORES

W.O. # 13-589



1 IN = 1,000 FT

0 2,000 FEET

- WELL
- WELL PAD
- FLOWLINE
- MAIN ROAD
- PROPOSED ROAD
- TWO TRACK TO BE UPGRADED

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MAP DATE: 8/22/2013

Azores Federal #2H
BHL: 330' FNL & 1840' FEL
Section 29 - T24S - R32E

MIDLAND MAP

Azores Federal #2H
SHL: 190' FSL & 1650' FEL
Section 29 - T24S - R32E

COTTON DRAW UNIT
CHEVRON(OPER)