

DISTRICT I
1825 N. FREDERICK DR., BOBBS, NM 87240
Phone: (505) 353-8181 Fax: (505) 353-8720

DISTRICT II
1301 W. GRAND AVENUE, ANTERIA, NM 87210
Phone: (505) 748-1262 Fax: (505) 748-0720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3480 Fax: (505) 478-3482

BOBBS OGD

JUN 09 2014

RECEIVED

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 30-025-41903	Pool Code 96191	Pool Name Mesa Verde; Delaware
Property Code 313336	Property Name GOLDFINGER 17 FEDERAL COM	Well Number 3H
UGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3555.1

Surface Location

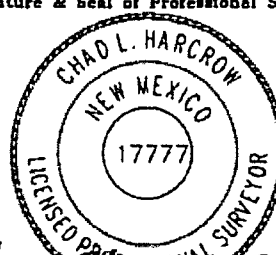
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	24-S	32-E		190	SOUTH	1980	EAST	LEA

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	17	24-S	32-E		330	NORTH	1980	EAST	LEA

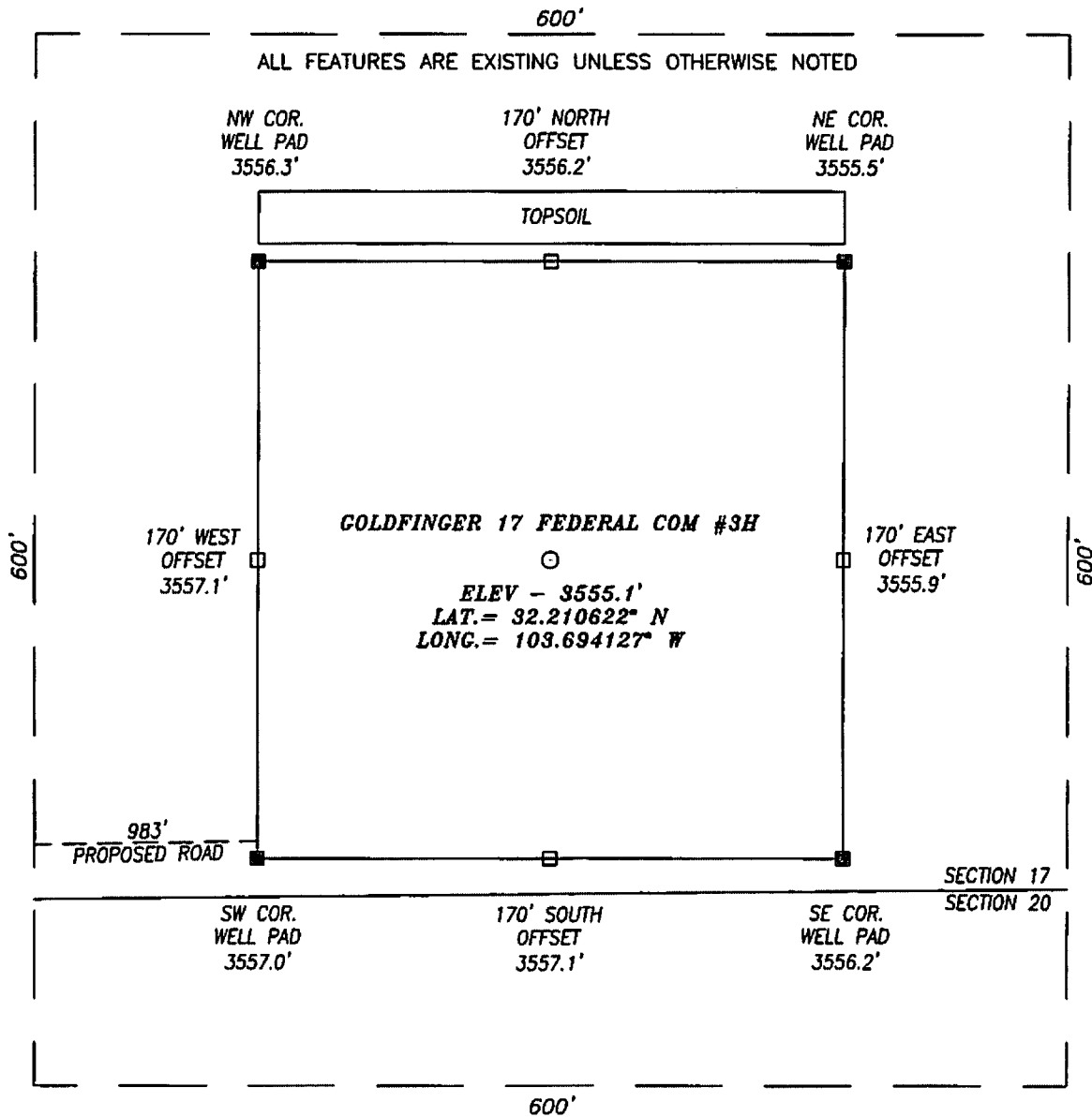
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>Y=446016.4 N X=697004.0 E</p> <p>NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=445694.4 N X=697675.6 E LAT.=32.223715° N LONG.=103.694108° W</p> <p>NAD 27 SURFACE LOCATION Y=440931.6 N X=697698.0 E LAT.=32.210622° N LONG.=103.694127° W</p> <p>Y=440735.0 N X=697038.6 E</p>	<p>330'</p> <p>8 H.</p> <p>1980'</p> <p>Y=446032.0 N X=698329.5 E</p> <p>NMN161633</p> <p>GRID AZ - 359°43'50" HORZ. DIST. - 4762.9'</p> <p>NMN166925</p> <p>S.L.</p> <p>190'</p> <p>1980'</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature: <u>Melanie Parker</u> Date: <u>10/29/13</u></p> <p>Printed Name: <u>Melanie Parker</u></p> <p>E-mail Address: <u>mparker@concho.com</u></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>APRIL 18, 2013</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad Harcrow 9/3/13</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 13-213 DRAWN BY: VD</p>
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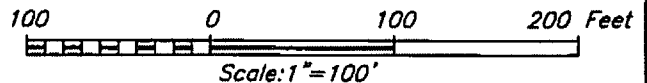
JUN 09 2014

SECTION 17, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

HEADING EAST ON HWY 128 0.6 MILES PAST MILE MARKER 19 TURN RIGHT (SOUTHWEST) ONTO CR #746 (BUCK JACKSON RD) AND GO APPROX. 0.4 MILES; THEN TURN LEFT (SOUTH) ONTO A CALICHE RD AND GO APPROX. 1.5 MILES; THEN TURN LEFT (EAST) ONTO A TWO TRACK AND GO APPROX. 1.5 MILES AND PROPOSED WELL IS 1540 FEET NORTHEAST.



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



COG PRODUCTION, LLC

GOLDFINGER 17 FEDERAL COM #3H WELL
LOCATED 190 FEET FROM THE SOUTH LINE
AND 1980 FEET FROM THE EAST LINE OF SECTION 17,
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: 04/18/2013

PAGE: 1 OF 1

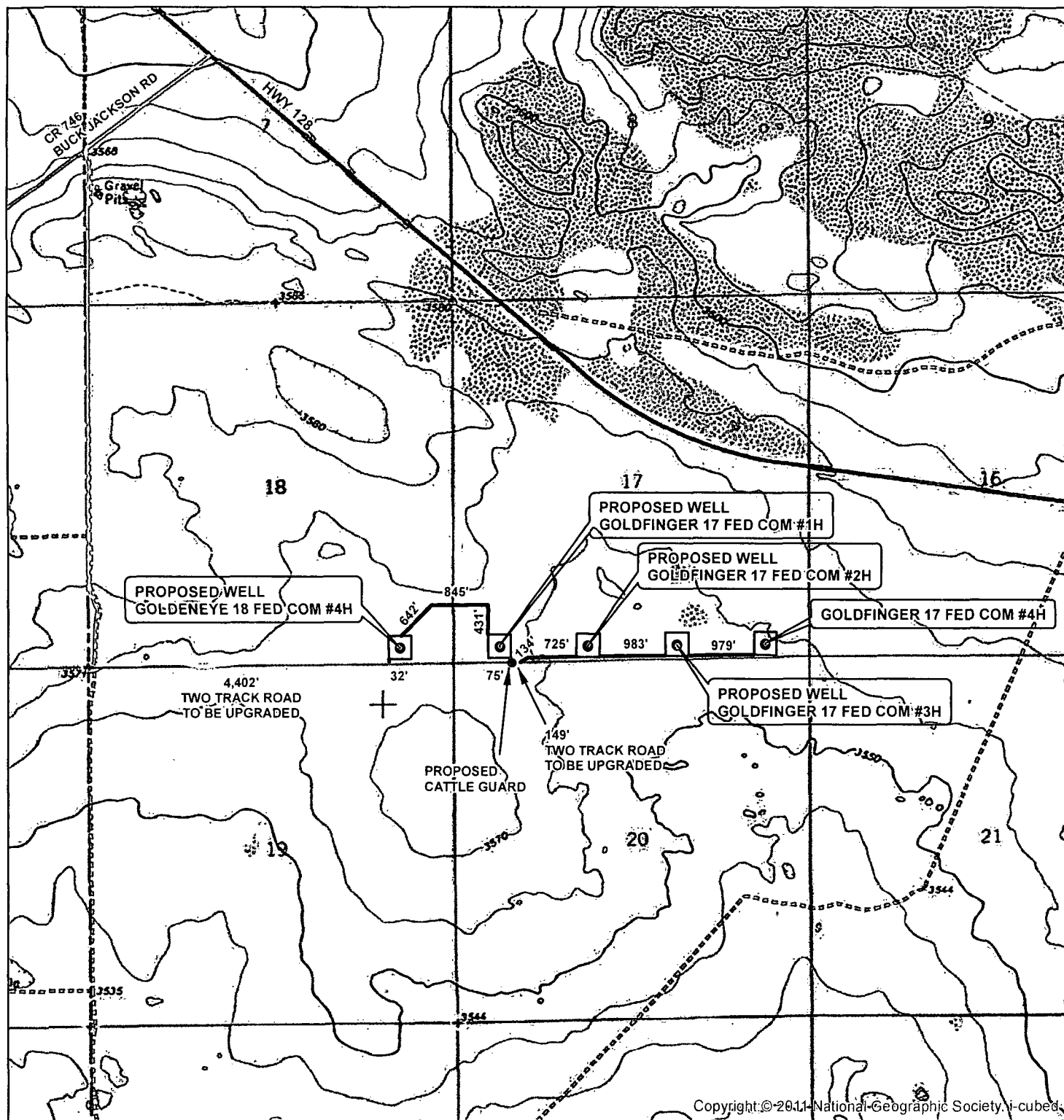
DRAFTING DATE: 04/22/2013

APPROVED BY: CH DRAWN BY: VD

FILE: 13-213

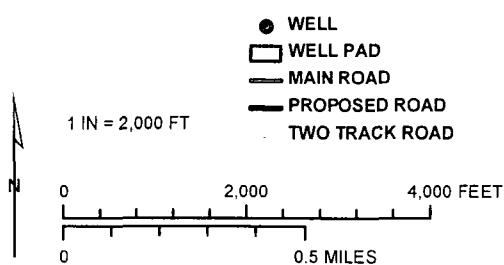
EXHIBIT 2

LOCATION VERIFICATION MAP



SEC. 17, TWP. 24S, RGE. 32E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: GOLDFINGER 17 FED COM
 OPERATOR: COG PRODUCTION LLC
 LEASE: GOLDFINGER 17 FED COM

W.O. # 13-214



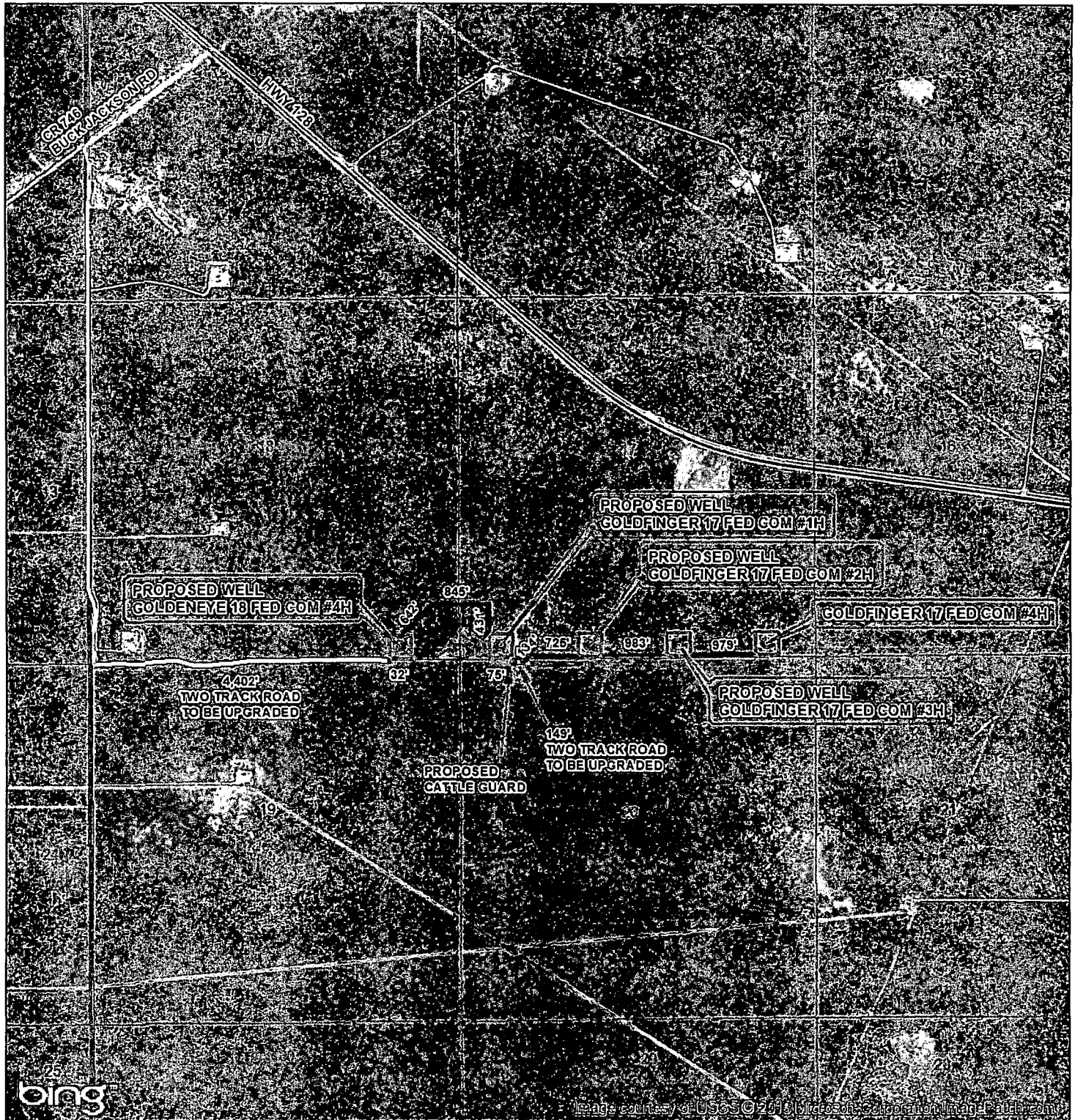
HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



MAP DATE: 9/10/2013

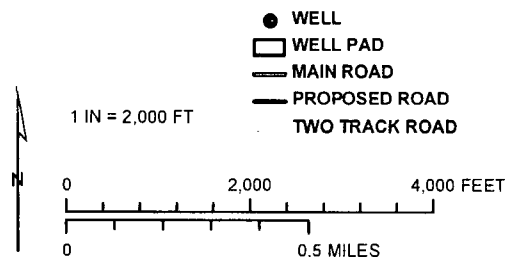
EXHIBIT 2

LOCATION VERIFICATION MAP



SEC. 17, TWP. 24S, RGE. 32E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: GOLDFINGER 17 FED COM
 OPERATOR: COG PRODUCTION LLC
 LEASE: GOLDFINGER 17 FED COM

W.O. # 13-214

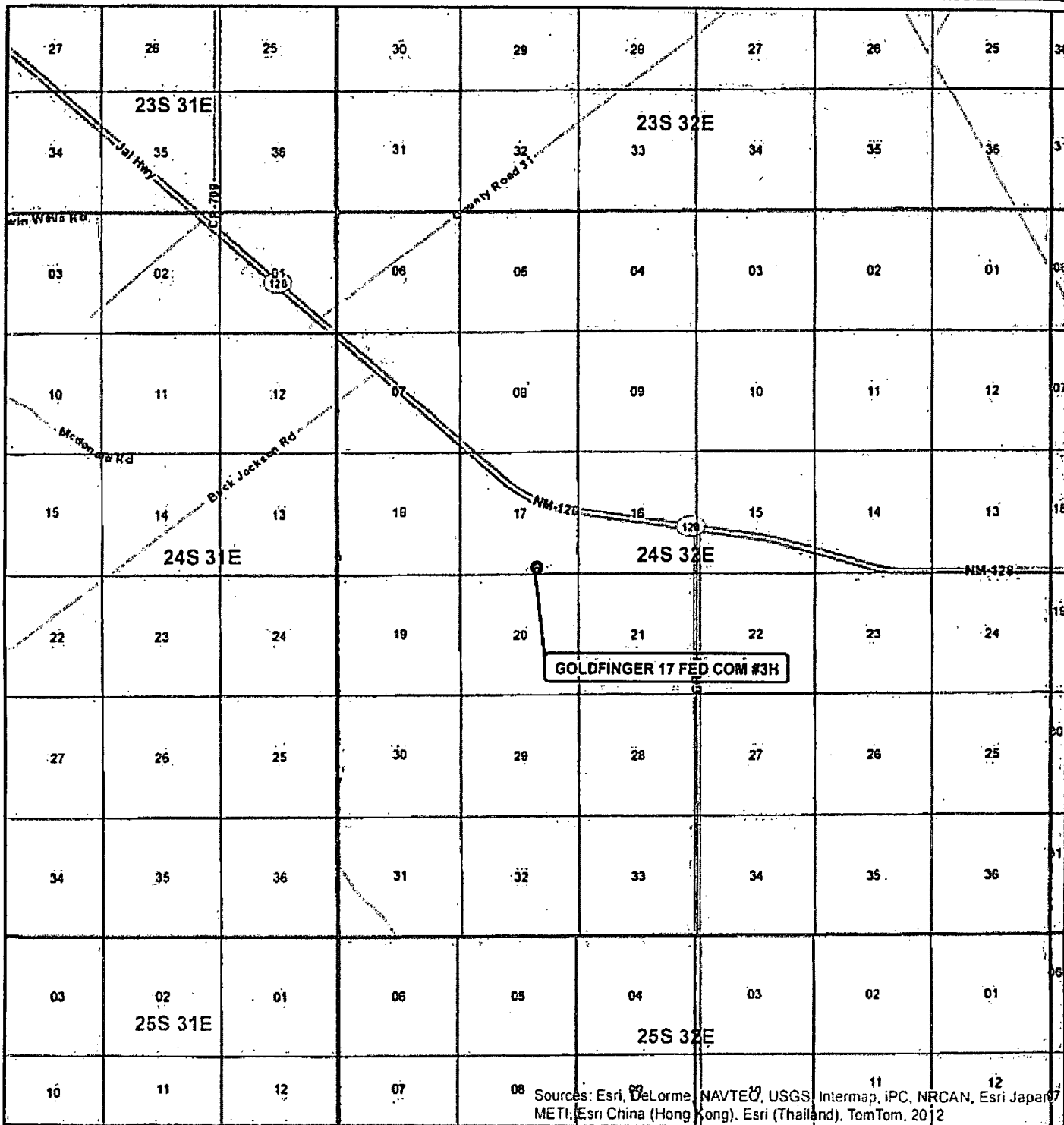


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 chad_harcrow77@yahoo.com



MAP DATE: 9/10/2013

VICINITY MAP

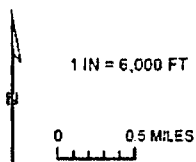


Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

SEC 17, TWP. 24S, RGE 32E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE NEWMEXICO
 DESCRIPTION: GOLDFINGER 17 FED COM #3H
 190° FSL, 1960° FEL

ELEVATION 3555 1'
 OPERATOR: COG PRODUCTION LLC
 LEASE: GOLDFINGER FED COM

WO # 13-213



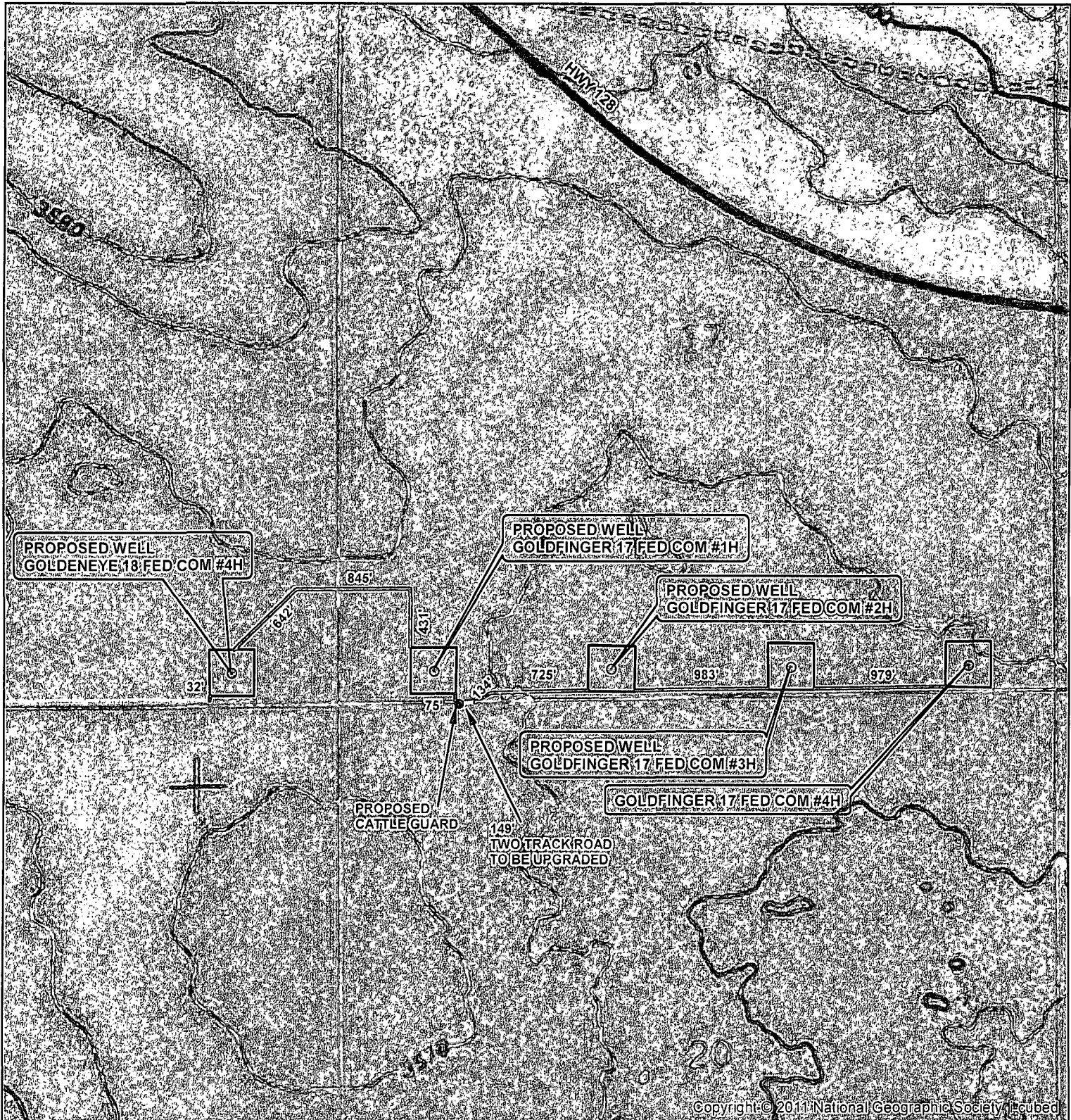
- WELL
- TOWNSHIP
- SECTION

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 chad_harcrow77@yahoo.com



MAP DATE: 4/23/2013

ACCESS ROAD MAP



SEC. 17, TWP. 24S, RGE. 32E
 SURVEY: N.M.P.M.
 COUNTY: LEA, STATE: NEW MEXICO
 DESCRIPTION: 'GOLDFINGER 17 FED COM #4H
 190' FSL, 660' FEL

ELEVATION: 3560.3'
 OPERATOR: COG PRODUCTION LLC
 LEASE: GOLDFINGER 17 FED COM

W.O. # 13-214

1 IN = 1,000 FT

0 2,000 FEET

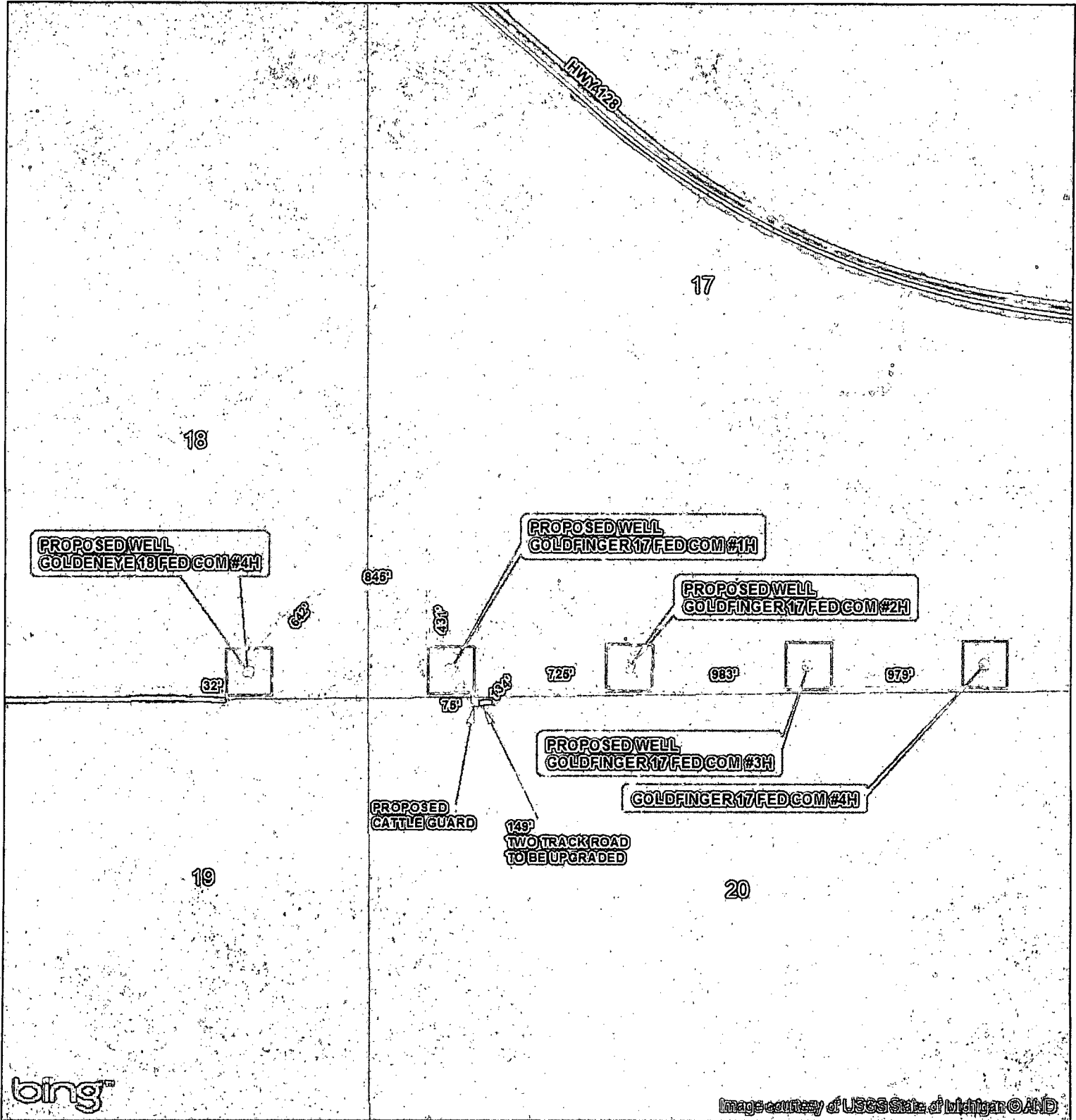
- WELL
- WELL PAD
- MAIN ROAD
- PROPOSED ROAD
- TWO TRACK ROAD

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MAP DATE: 9/10/2013

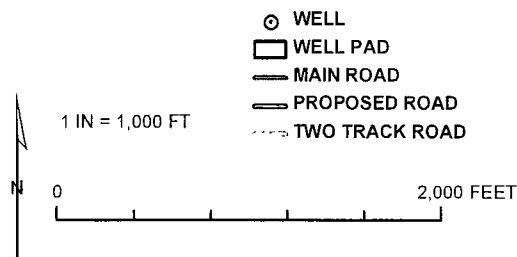
ACCESS ROAD MAP



SEC. 17, TWP. 24S, RGE. 32E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: GOLDFINGER 17 FED COM #4H
 190' FSL, 660' FEL

ELEVATION: 3560.3'
 OPERATOR: COG PRODUCTION LLC
 LEASE: GOLDFINGER 17 FED COM

W.O. # 13-214

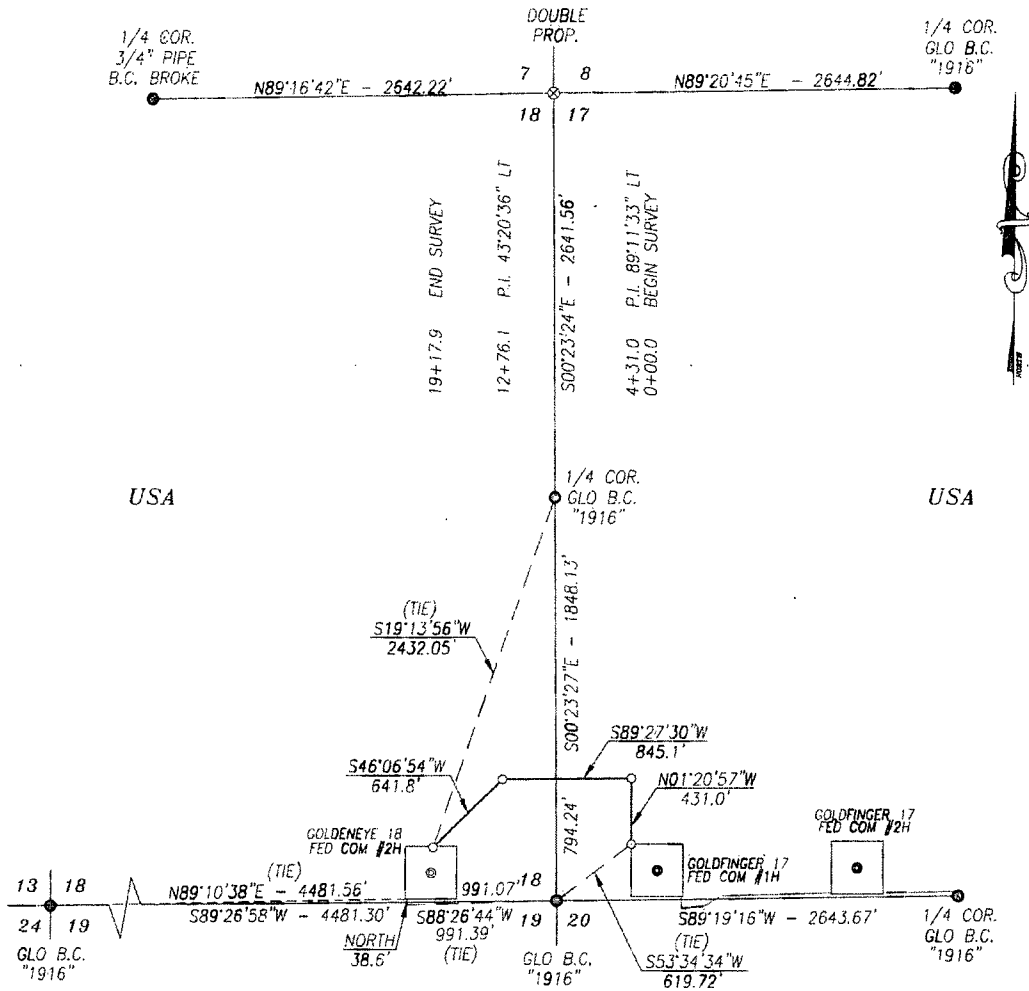


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MAP DATE: 9/10/2013

SECTIONS 17, 18, & 19, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



DESCRIPTION

2 STRIPS OF LAND 30.0 FEET WIDE AND 1956.5 FEET OR 118.58 RODS OR 0.371 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 17, 18, & 19, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

BASIS OF BEARING:

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

HARCROW SURVEYING, LLC

2314 W. MAIN ST, ARTESIA, N.M. 88210

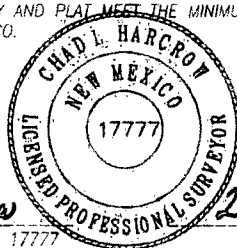
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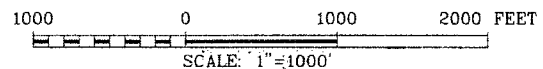
CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAN MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



Chad Harcrow
CHAD HARCROW N.M.P.S. NO. 17777

2/3/14
DATE



COG OPERATING, LLC

SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTIONS 17, 18 & 19, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, N.M.P.M., NEW MEXICO

SURVEY DATE: SEPTEMBER 5, 2013

DRAFTING DATE: FEBRUARY 3, 2014

APPROVED BY: CH

DRAWN BY: SP

PAGE 1 OF 1

FILE: 14-83

