

DISTRICT I  
1825 N. FRENCH DR., BOBBS, NM 87240  
Phone: (575) 393-8181 Fax: (575) 393-8720

DISTRICT II  
1301 W. GRAND AVENUE, ANTERIA, NM 87210  
Phone: (575) 748-1263 Fax: (575) 748-8720

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) 478-3483

BOBBS OGD  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
11885 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505  
JUN 09 2014

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

RECEIVED

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

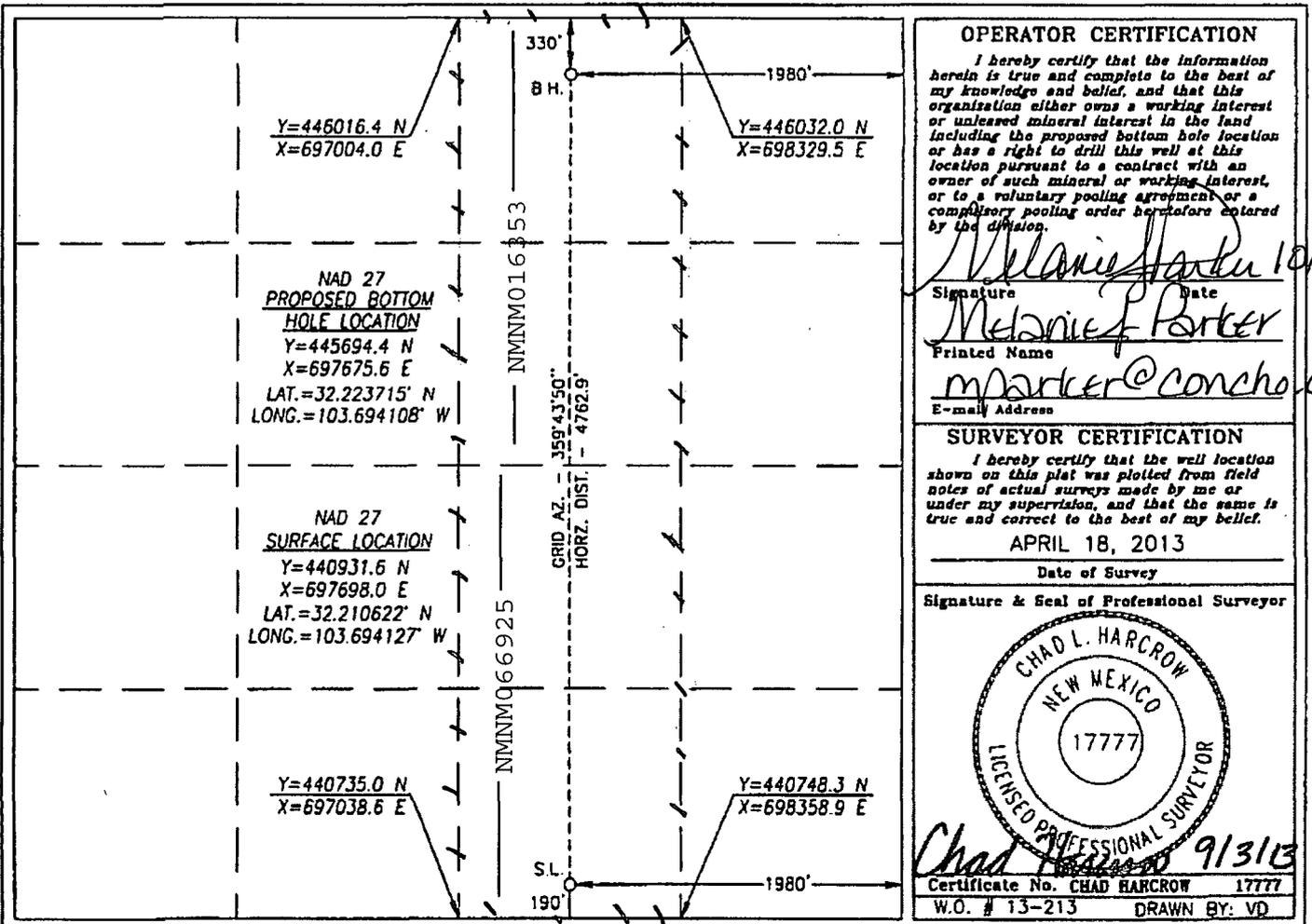
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	24-S	32-E		190	SOUTH	1980	EAST	LEA

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

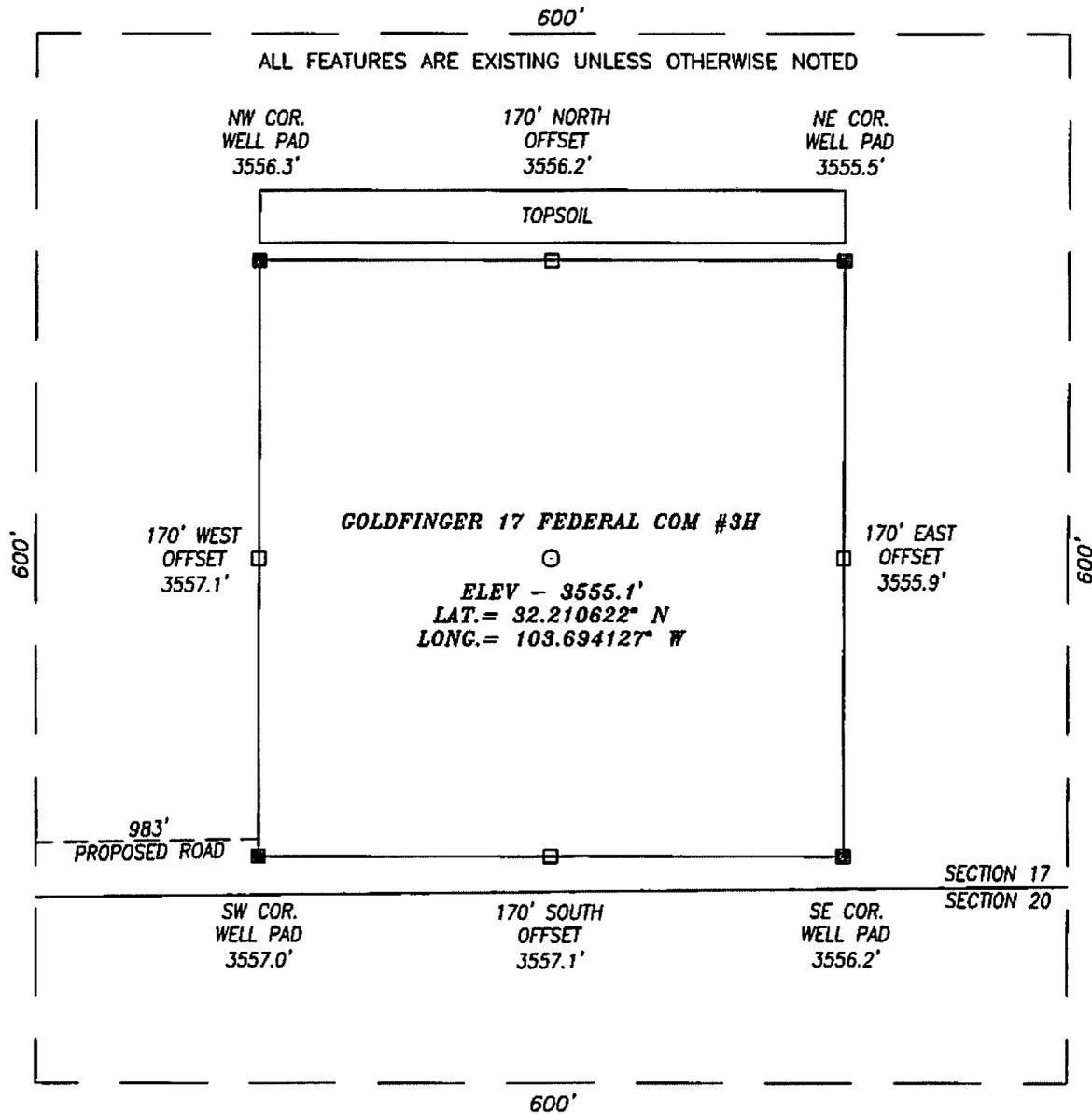


**OPERATOR CERTIFICATION**  
I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill 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.  
Signature: *Melanie Parker* Date: 10/29/13  
Printed Name: Melanie Parker  
E-mail Address: mparker@concho.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.  
APRIL 18, 2013  
Date of Survey  
Signature & Seal of Professional Surveyor  
CHAD L. HARCROW  
NEW MEXICO  
LICENSED PROFESSIONAL SURVEYOR  
17777  
Chad Harcrow 9/3/13  
Certificate No. CHAD HARCROW 17777  
W.O. # 13-213 DRAWN BY: VD

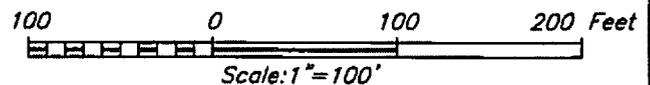
JUN 09 2014 J.M.

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.



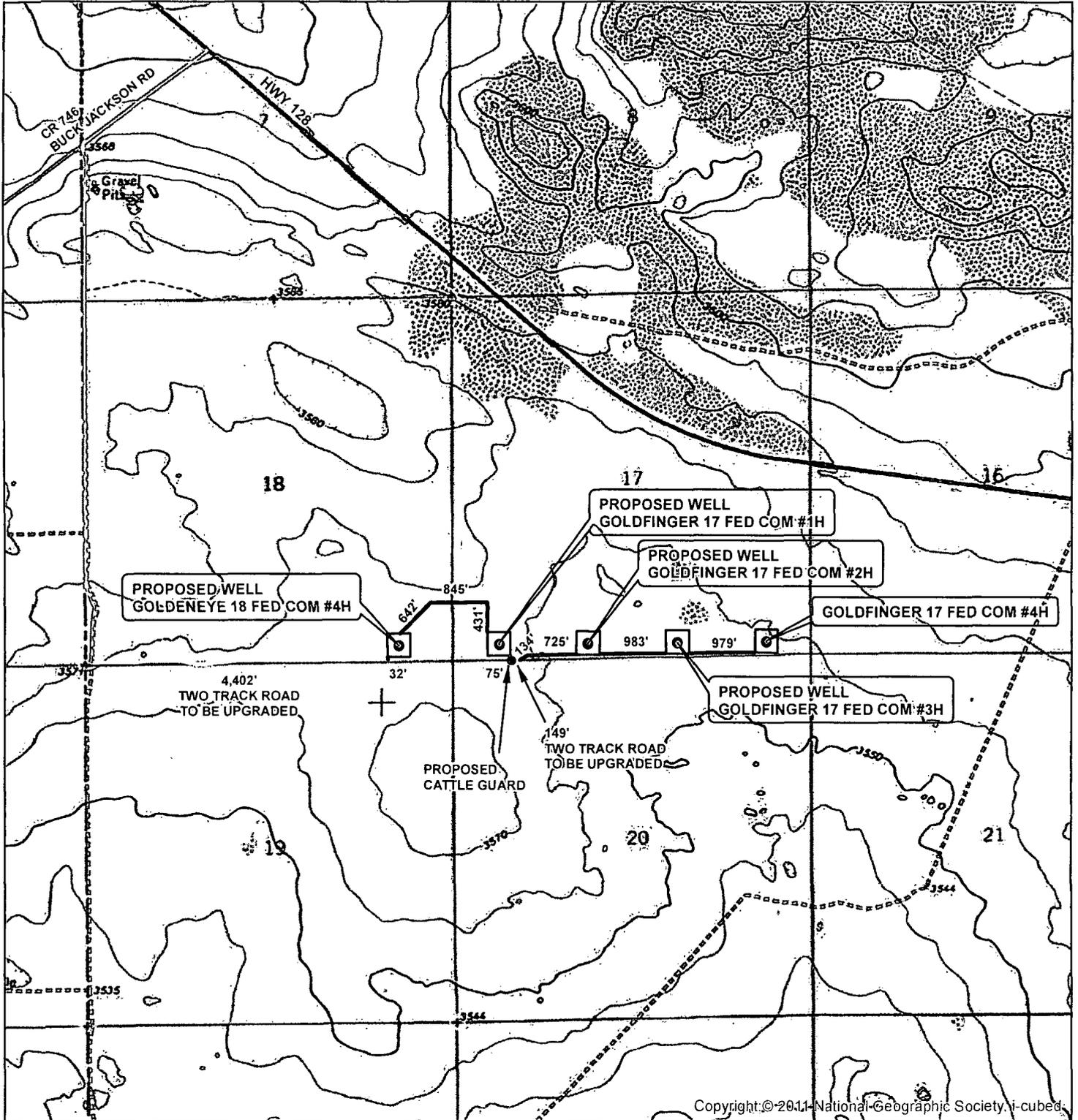
HARCROW SURVEYING, LLC  
1107 WATSON, ARTESIA, N.M. 88210  
PH: (575) 513-2570 FAX: (575) 746-2158  
chad\_harcrow77@yahoo.com



<b>COG PRODUCTION, LLC</b>		
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

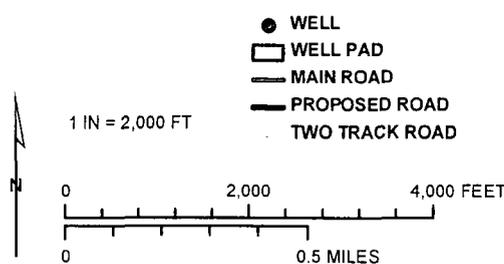
# EXHIBIT 2

## 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



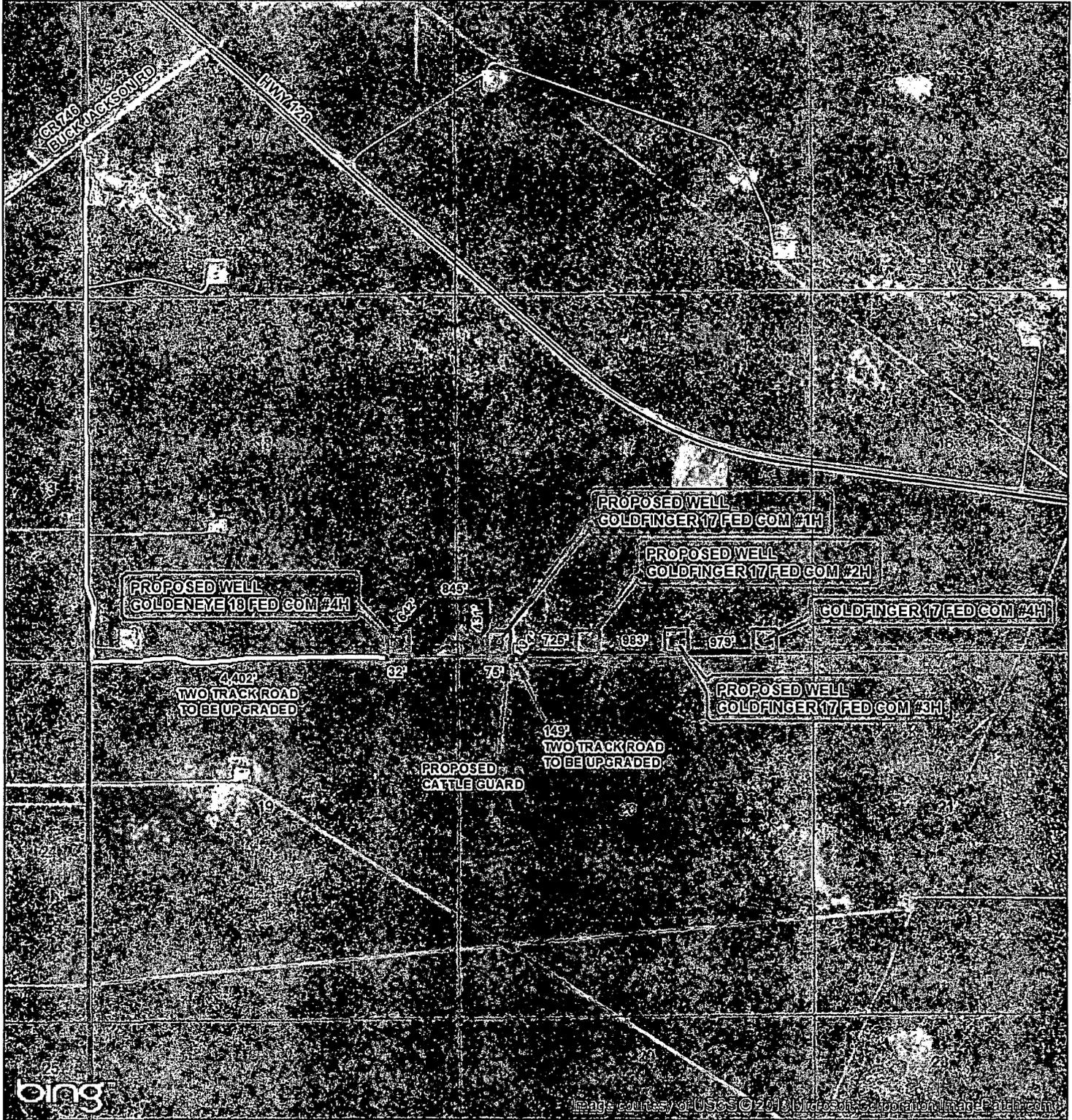
HARCROW SURVEYING, LLC  
 1107 WATSON, ARTESIA N.M. 88210  
 PH: (575) 513-2570 FAX: (575) 746-2158  
 chad\_harcrow77@yahoo.com



MAP DATE: 9/10/2013

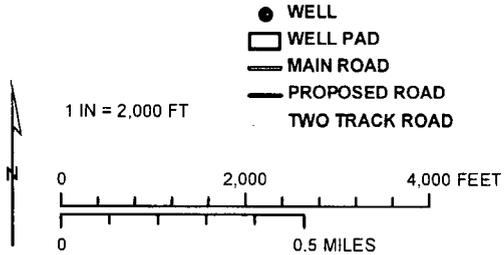
# EXHIBIT 2

## 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

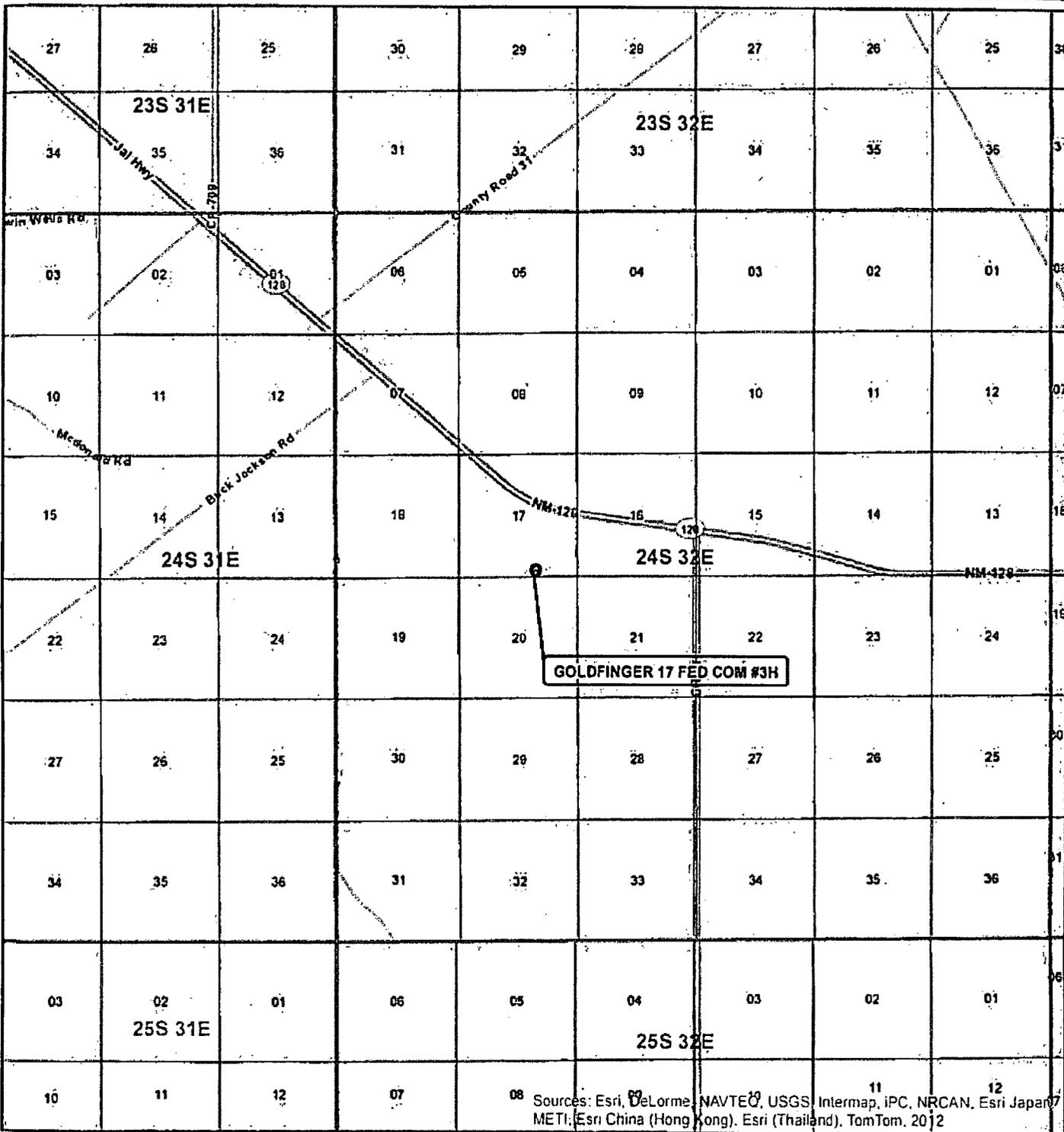


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 PH: (575) 513-2570 FAX: (575) 746-2158  
 chad\_harcrow77@yahoo.com



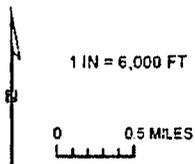
MAP DATE: 9/10/2013

# 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



- WELL
- TOWNSHIP
- SECTION

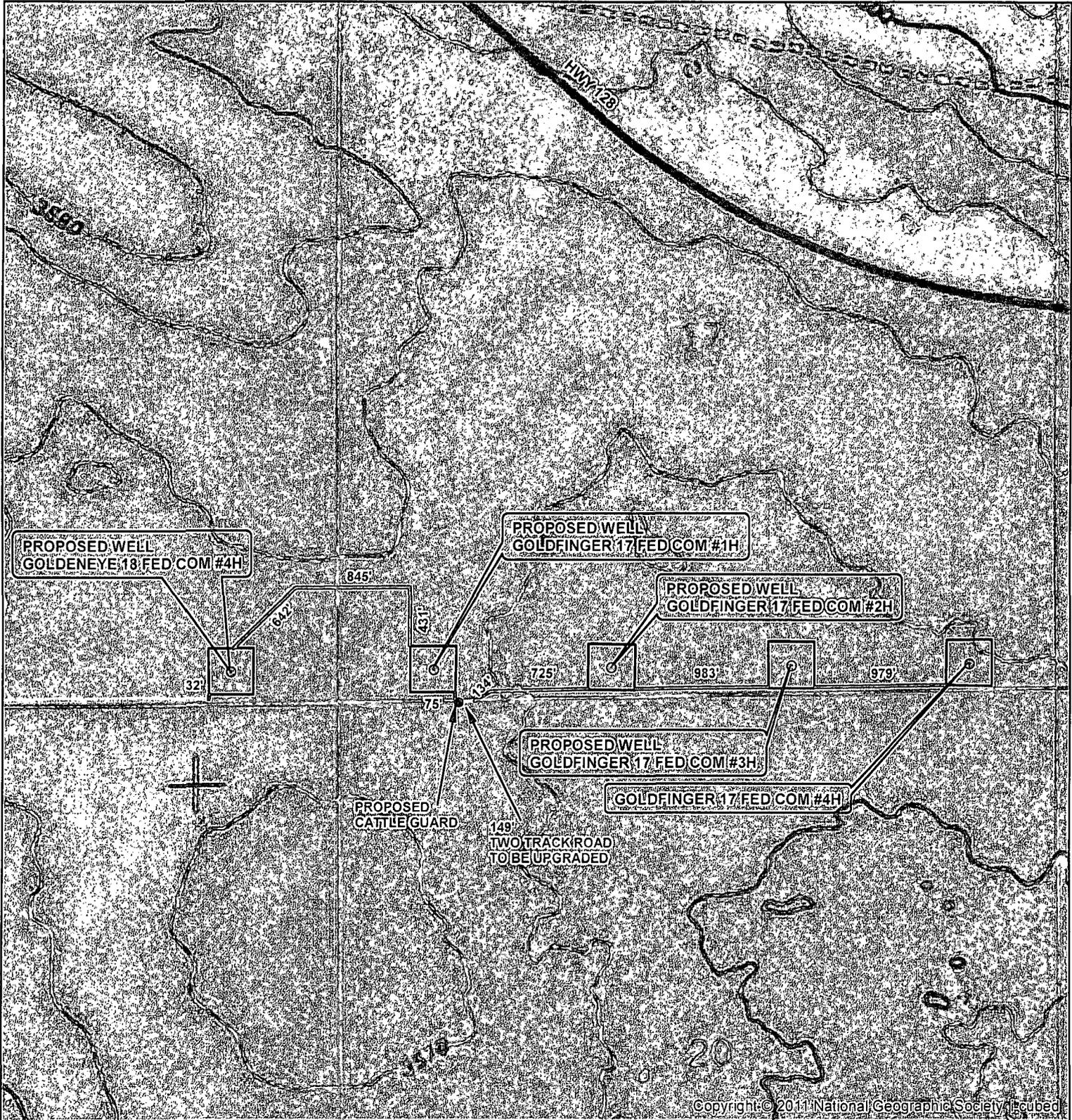
HARCROW SURVEYING, LLC  
 1107 WATSON, ARTESIA, N.M. 88210  
 PH: (575) 513-2570 FAX: (575) 746-2156  
 chad\_harcrow77@yahoo.com



WO # 13-213

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

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

1 IN = 1,000 FT

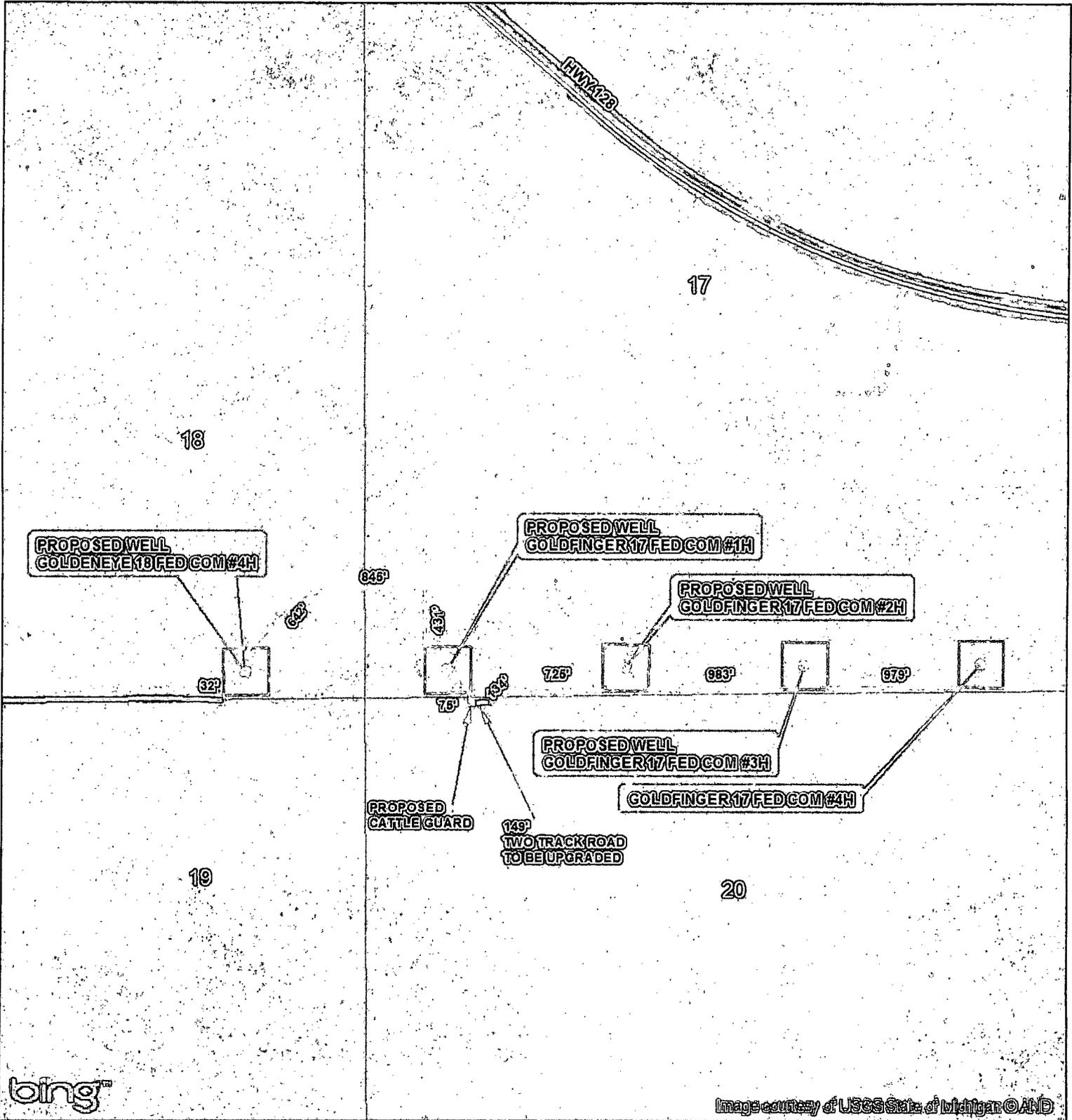
0 2,000 FEET

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

# ACCESS ROAD MAP



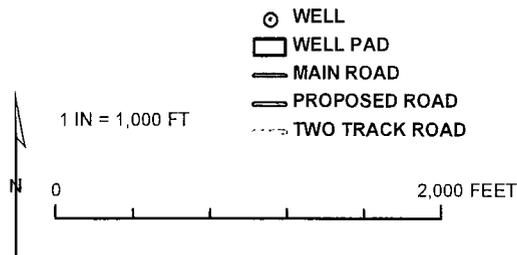
bing™

Image courtesy of USGS State of Michigan © AND

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

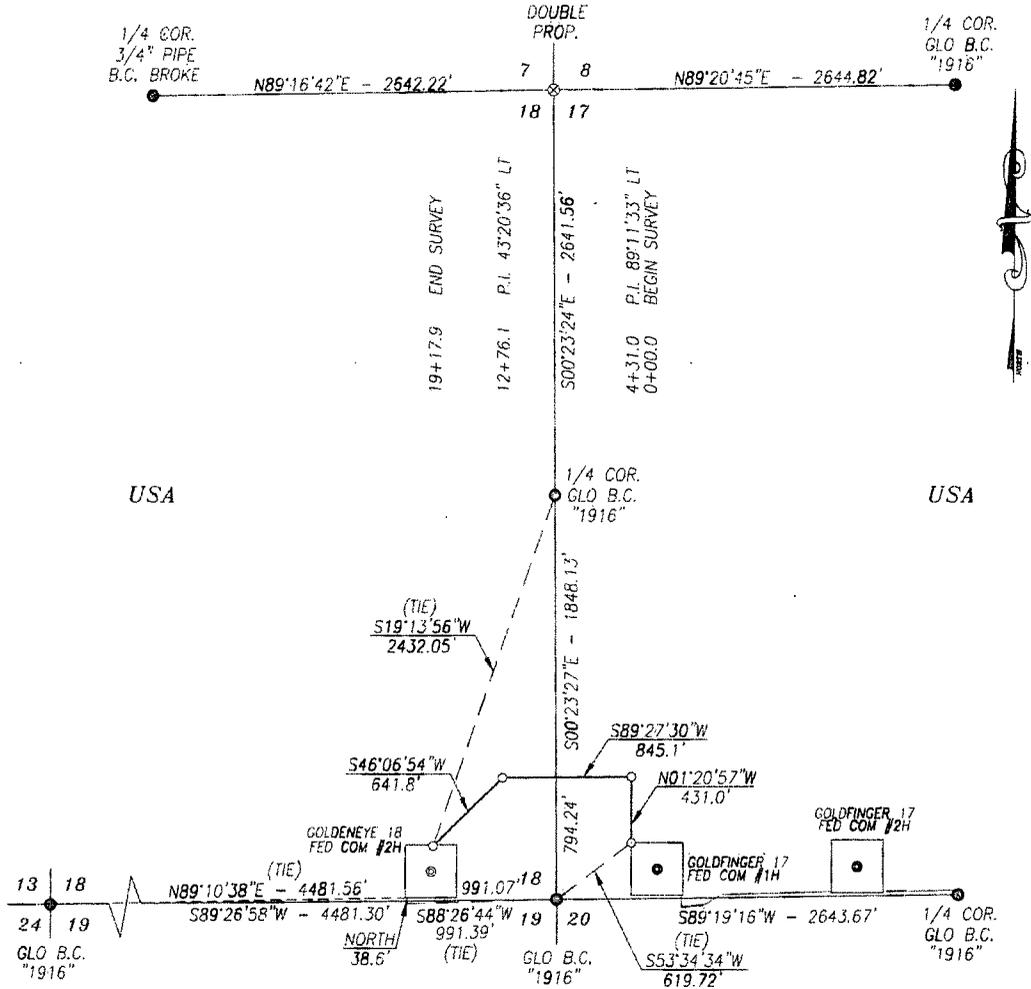


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 chad\_harcrow77@yahoo.com



MAP DATE: 9/10/2013

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



**DESCRIPTION**

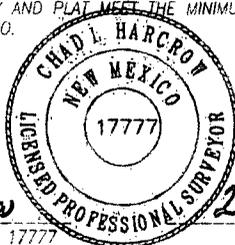
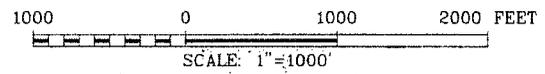
2 STRIPS OF LAND 30.0 FEET WIDE AND 1956.5 FEET OR 118.58 RODS OR 0.371 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 17, 18, & 19, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

**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  
PH: (575) 513-2570 FAX: (575) 746-2158  
chad\_harcrow77@yahoo.com



**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.

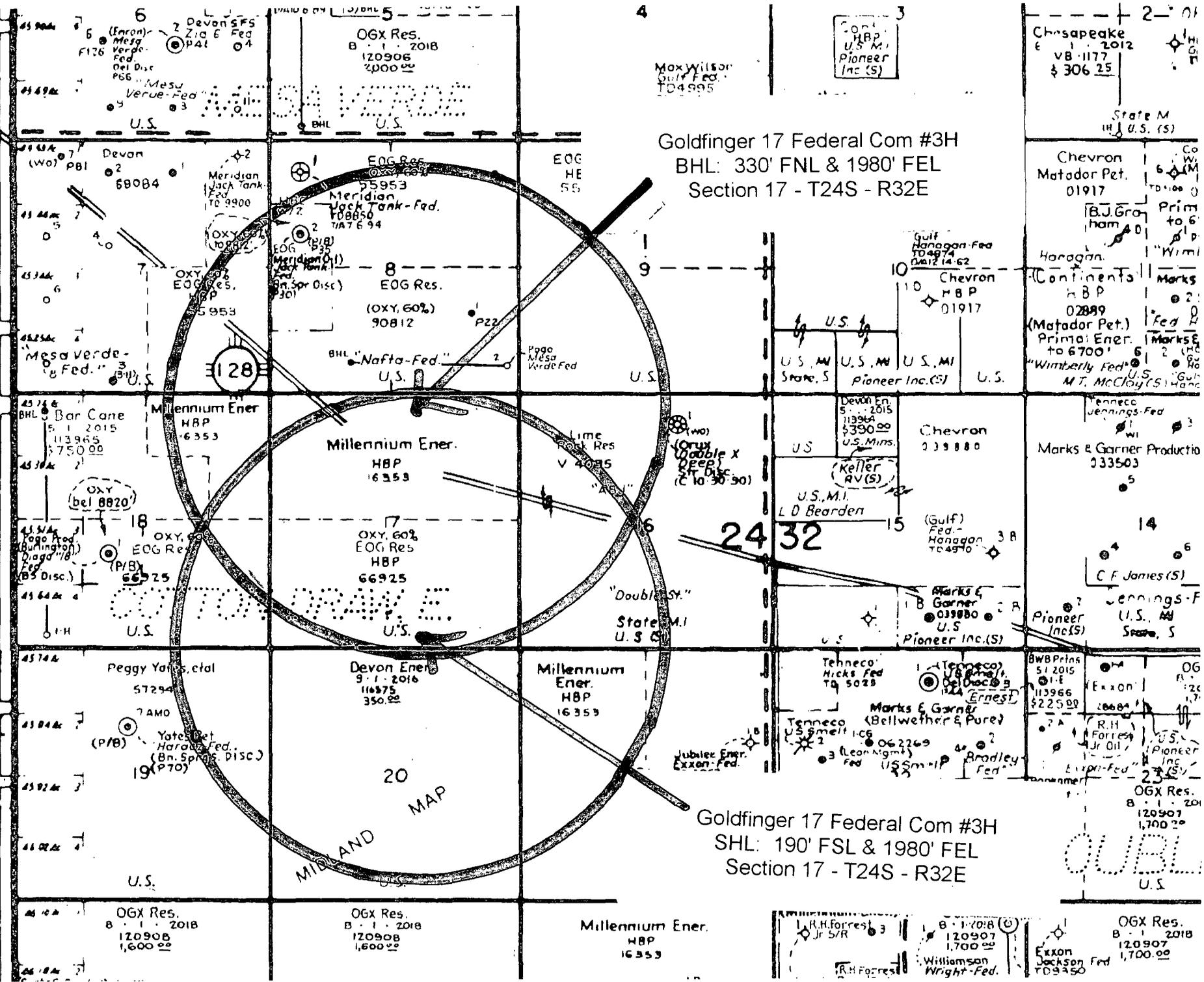


*Chad Harcrow*  
CHAD HARCROW N.M.P.S. NO. 17777 DATE 2/3/14

<b>COG OPERATING, LLC</b>	
SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTIONS 17, 18 & 19, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NMPM, NEW MEXICO	
SURVEY DATE: SEPTEMBER 5, 2013	
DRAFTING DATE: FEBRUARY 3, 2014	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP FILE: 14-83

Carlsbad

T  
24  
S



OGX Res. B. 1. 2018 120906 2000.00

Max Willson Gulf Fed. 104995

Chesapeake VB-1177 \$306.25

Goldfinger 17 Federal Com #3H  
BHL: 330' FNL & 1980' FEL  
Section 17 - T24S - R32E

Chevron Matador Pet. 01917

Haragan

Continental (Matador Pet.) Primar Ener. to 6700' Wimberly Fed. M.T. McCloy

Gulf Haragan Fed. TO 4974 04/17/14-62

Chevron HBP 01917

U.S. State S U.S. MI Pioneer Inc. (S) U.S.

Devon En. 5.1.2015 113965 \$350.00 U.S. Mins. Keller RV(S)

Chevron 039880

Marks & Garner Productio 033503

2432

(Gulf) Fed. - Haragan TO 4970

Marks & Garner 039880 U.S. Pioneer Inc. (S)

Jennings-F U.S. State S

MIDLAND MAP

Goldfinger 17 Federal Com #3H  
SHL: 190' FSL & 1980' FEL  
Section 17 - T24S - R32E

DOUBL

OGX Res. B. 1. 2018 120908 1,600.00

OGX Res. B. 1. 2018 120908 1,600.00

Millennium Ener. HBP 16353

R.H. Forrest Jr S/R

B. 1. 2018 120907 1,700.00 Williamson Wright Fed.

OGX Res. B. 1. 2018 120907 1,700.00 Exxon Jackson Fed. TO 3450