

DISTRICT I  
1625 N. FRENCH DR., BOBBS, NM 86240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 86210  
Phone: (575) 748-1283 Fax: (575) 748-9720

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) 476-3480 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

BOBBS OGD  
DEC 22 2016

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- <b>43315</b>	Pool Code 97964	Pool Name WC-025 G-07 S243225C; Bone Spring
Property Code <b>317200</b>	Property Name TREASURE ISLAND FEDERAL COM	Well Number 3H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3588.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	23	24-S	32-E		190	SOUTH	1980	WEST	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
C	23	24-S	32-E		330	NORTH	1980	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

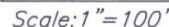
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>1980'</p> <p>Y=440877.5 N X=711590.5 E</p> <p>NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=440556.1 N X=712250.7 E LAT.=32.209343° N LONG.=103.647085° W</p> <p>NAD 27 SURFACE LOCATION Y=435793.2 N X=712276.5 E LAT.=32.196251° N LONG.=103.647100° W</p> <p>Y=435595.1 N X=711620.7 E</p> <p>1980'</p>	<p>330'</p> <p>B.H.</p> <p>Y=440894.8 N X=712912.0 E</p> <p>NMNM029694</p> <p>GRID AZ. = 359°41'25" HORZ. DIST. = 4,763.0</p> <p>NMNM120907</p> <p>S.L.</p> <p>190'</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><i>Melanie J Parker</i> 11/04/14 Signature Date Melanie J Parker Printed Name mparker@concho.com E-mail Address</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>SEPTEMBER 17, 2013 Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Chad L. Harcrow</i> 10/23/13 Certificate No. CHAD HARCROW 17777 W.O. # 13-648 DRAWN BY: TL</p>
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## NEW MEXICO



HEADING EAST ON HWY 128 TURN RIGHT (SOUTH) APPROX. 0.3 MILE PAST MILE MARKER 23 ONTO A CALICHE RD AND GO APPROX. 1.0 MILE; THEN TURN LEFT (EAST) ONTO A TWO TRACK RD AND GO APPROX. 0.8 MILE; THEN PROPOSED WELL IS APPROX. 1050 FEET SOUTH.



COG OPERATING, LLC

TREASURE ISLAND FEDERAL COM #3H WELL  
LOCATED 190 FEET FROM THE SOUTH LINE  
AND 1980 FEET FROM THE WEST LINE OF SECTION 23,  
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

SURVEY DATE: 09/17/2013

PAGE: 1 OF 1

DRAFTING DATE: 09/18/2013

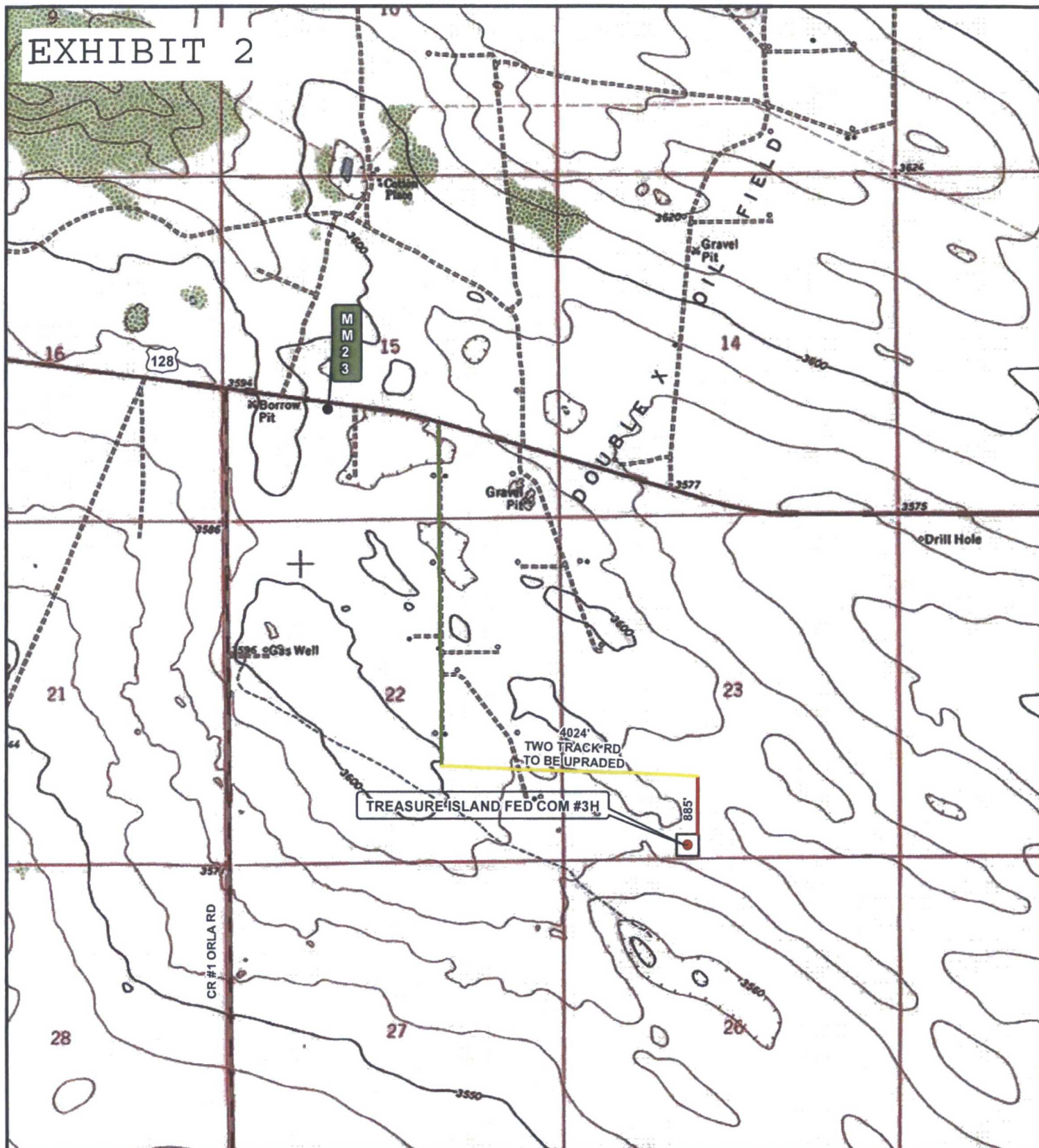
APPROVED BY: CH

DRAWN BY:

FILE: 13-754



# EXHIBIT 2



## LEGEND

- WELL
- WELL PAD
- MAIN ROAD
- PROPOSED ROAD
- TWOTRACK ROAD

WELL NAME: TREASURE ISLAND FED COM #3H

SECTION: 23 TOWNSHIP: 24 S. RANGE: 32 E.

STATE: NEW MEXICO COUNTY: LEA 190' FSL, 1980' FWL

W.O. # 13-754 TREASURE ISLAND FED COM SURVEY: N.M.P.M

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

1 IN = 2,000 FT

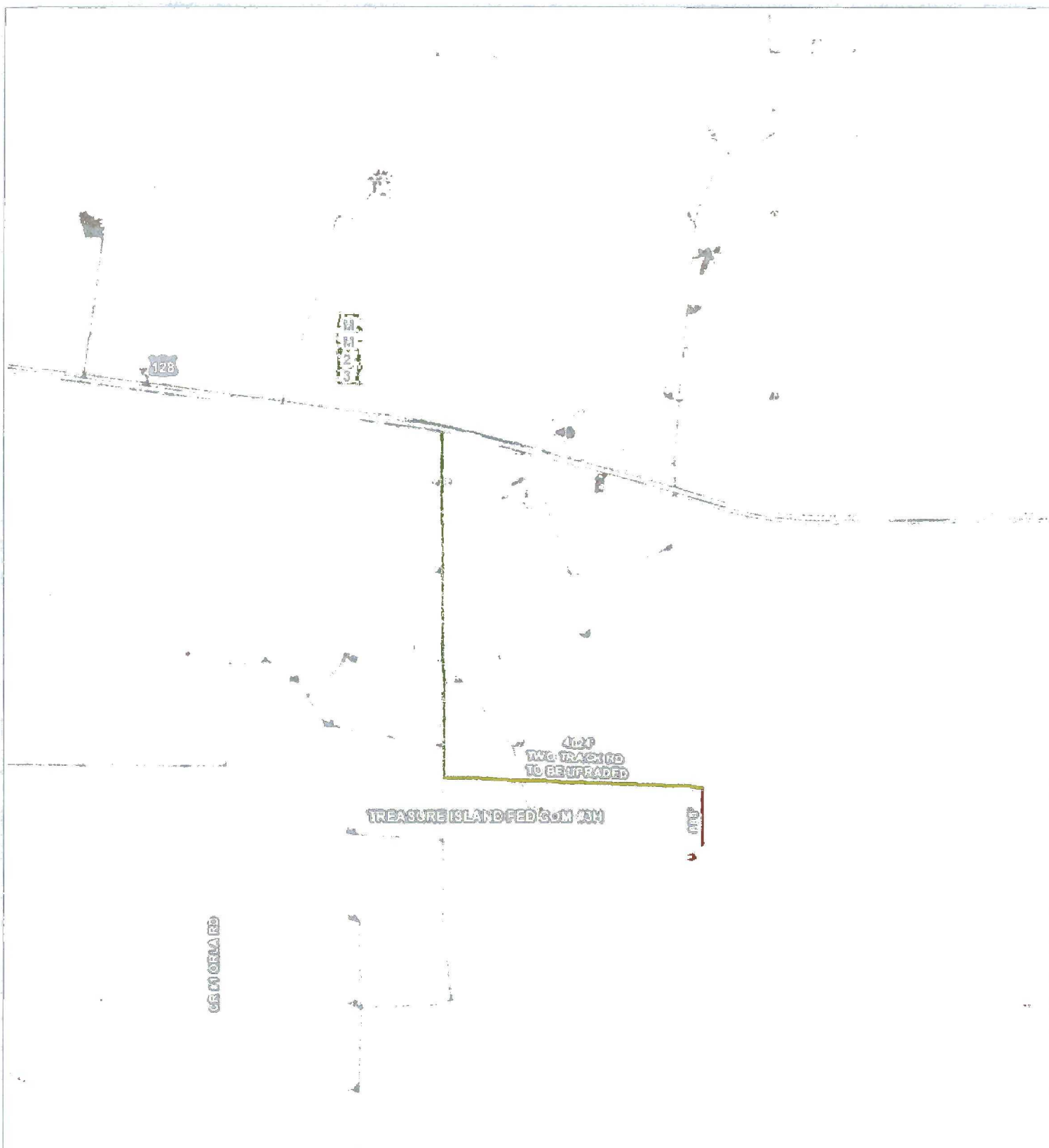
LOCATION MAP TOPO 10/22/2013 ELEVATION: 3588.6' K.H.

**CONCHO**

COG OPERATING, LLC

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





# LEGEND

- WELL
- WELL PAD
- MAIN ROAD
- PROPOSED ROAD
- TWOTRACK ROAD

WELL NAME: TREASURE ISLAND FED COM #3H

SECTION: 23 TOWNSHIP: 24 S. RANGE: 32 E.  
 STATE: NEW MEXICO COUNTY: LEA 130' FSL, 1980' FWL  
 W.O. # 13-754 TREASURE ISLAND FED COM SURVEY: N.M.P.M



LOCATION MAP IMAGERY 10/22/2013 ELEVATION: 3588.6' K.H.



COG OPERATING, LLC

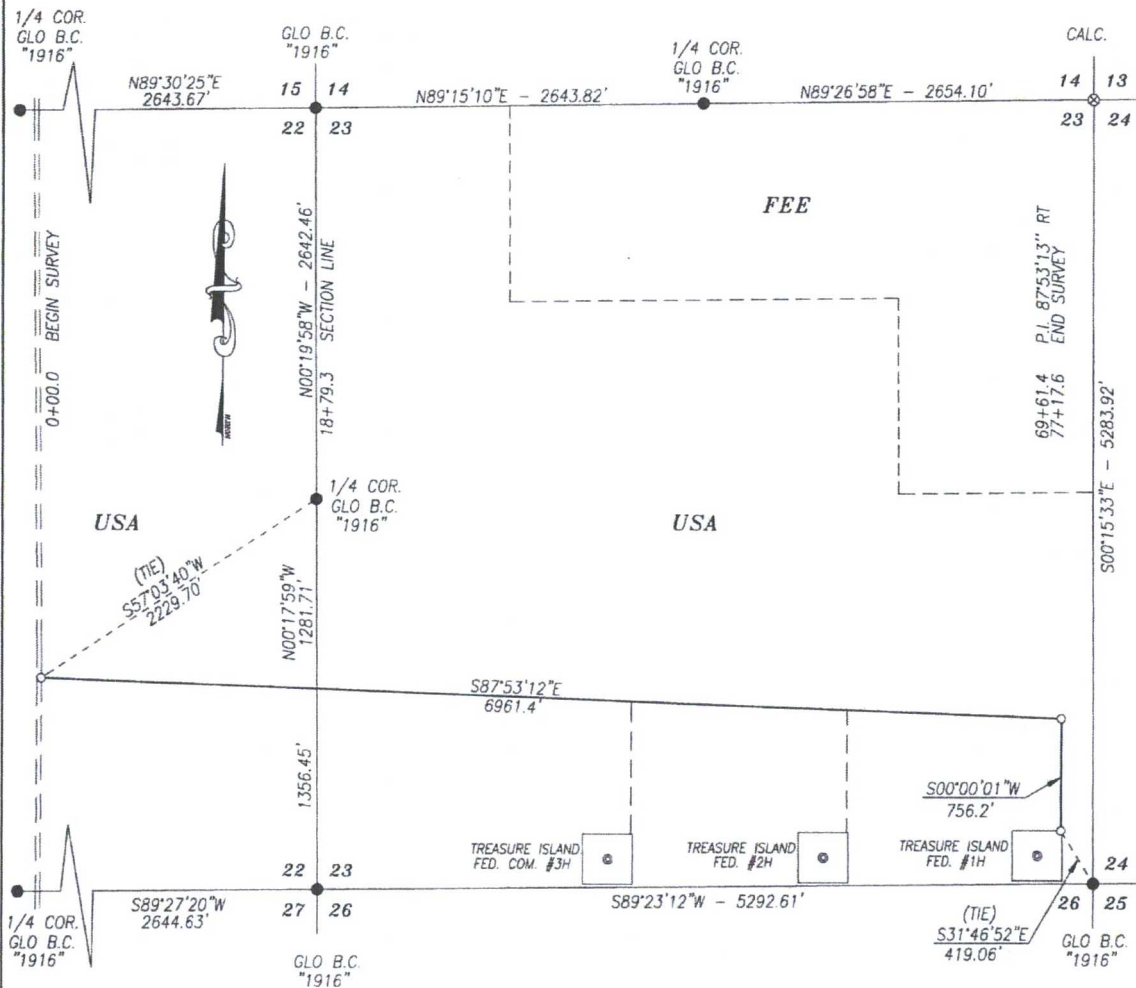
HARCROW SURVEYING, LLC  
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 chad\_harcrow77@yahoo.com





# EXHIBIT 2A

SECTIONS 22 & 23, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



## DESCRIPTION

TWO STRIPS OF LAND 30.0 FEET WIDE AND 7717.6 FEET OR 467.73 RODS OR 1.462 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 22 & 23, 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.

## 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 PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



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

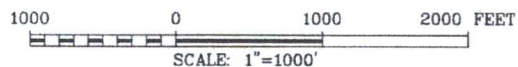
DATE

## HARCROW SURVEYING, LLC

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

PH: (575) 513-2570 FAX: (575) 746-2158

chad\_harcrow77@yahoo.com



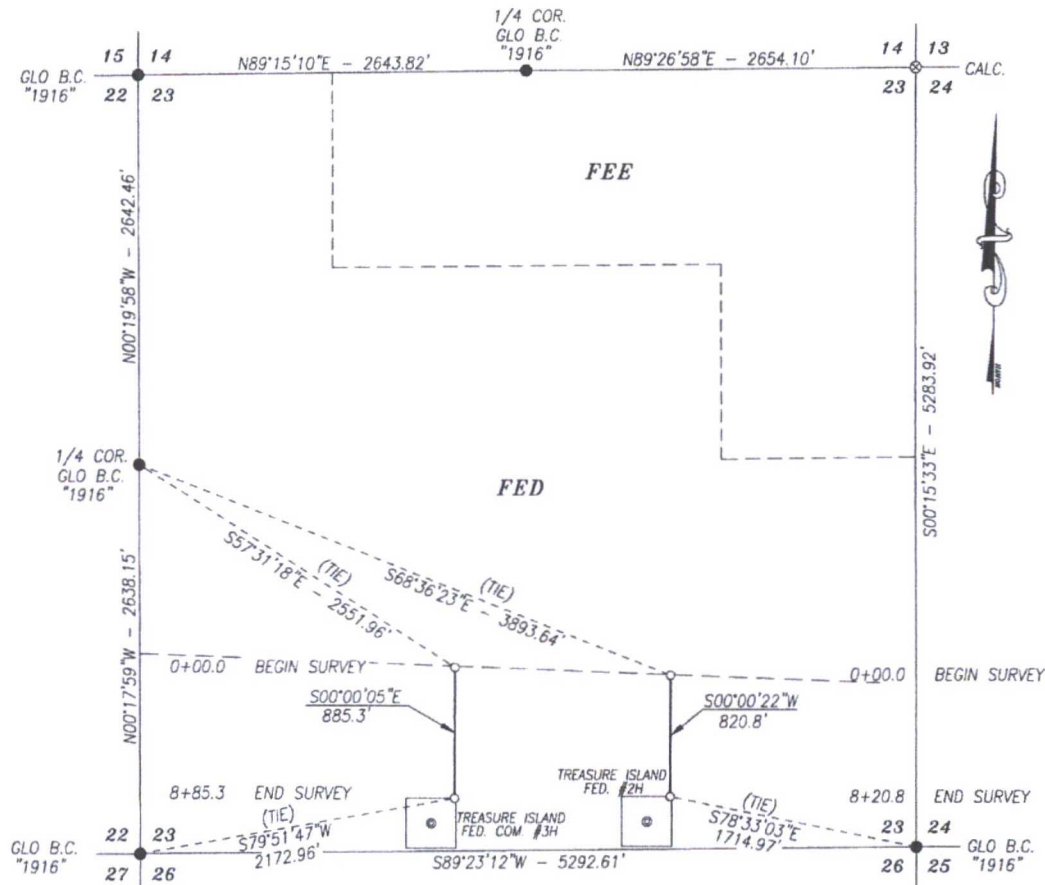
## COG OPERATING, LLC

SURVEY OF A PROPOSED ROAD LOCATED IN SECTIONS 22 & 23, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: SEPTEMBER 17, 2013	RELATED: 13-646
DRAFTING DATE: OCTOBER 14, 2013	PAGE 1 OF 2
APPROVED BY: CH	DRAWN BY: VD
FILE: 13-737	

# EXHIBIT 2B

SECTION 23, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



## DESCRIPTION

2 STRIPS OF LAND 30.0 FEET WIDE AND 885.3 FEET OR 103.4 RODS OR .323 MILES IN LENGTH CROSSING USA LAND IN SECTION 23, 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.

### 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 PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



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

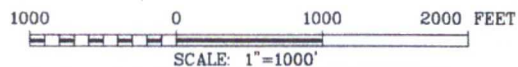
DATE 10/23/13

### HARCROW SURVEYING, LLC

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

PH: (575) 513-2570 FAX: (575) 746-2158

chad\_harcrow77@yahoo.com

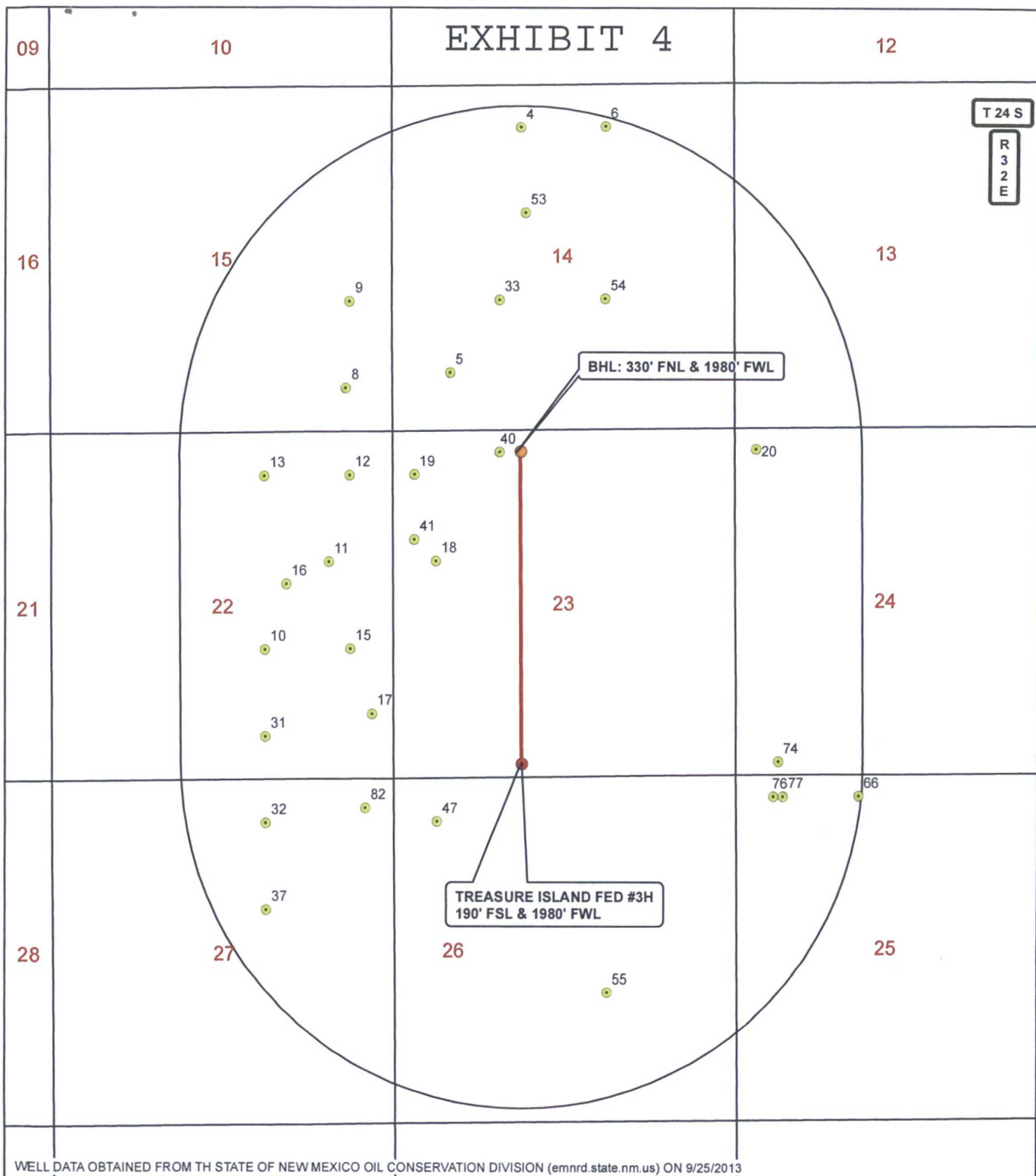


### COG OPERATING, LLC

SURVEY OF 2 PROPOSED ROADS LOCATED IN SECTION 23, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: SEPTEMBER 17, 2013	RELATED: 13-646
DRAFTING DATE: OCTOBER 14, 2013	PAGE 2 OF 2
APPROVED BY: CH	DRAWN BY: VD
	FILE: 13-737

# EXHIBIT 4



WELL DATA OBTAINED FROM THE STATE OF NEW MEXICO OIL CONSERVATION DIVISION (emnr.state.nm.us) ON 9/25/2013

## LEGEND

- Surface Hole
- Bottom Hole
- 1 mi. Buffer
- Wells within 1 mi.

WELL NAME: TREASURE ISLAND FED #3H

SECTION: 23 TOWNSHIP: 24 S. RANGE: 32 E.

STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M

W.O. # 13-754 LEASE: TREASURE ISLAND FED

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

1 IN = 2,000 FT

1 MILE MAP

10/21/2013

SHAWN PERKINS

**CONCHO**

COG PRODUCTION, LLC

HARCROW SURVEYING, LLC  
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PH (505) 513-2570 FAX (505) 746-2158  
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