

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 393-8181 Fax: (505) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1283 Fax: (505) 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) 478-3460 Fax: (505) 478-3462

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

HOBBS OCD

Form C-102

APR 10 2014  
Revised August 1, 2011  
Submit one copy to appropriate District Office

RECEIVED AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- <b>41776</b>	Pool Code <b>97864</b>	Wildcat; Bone Spring <b>LOWER</b>
Property Code <b>40502</b>	Property Name <b>TREASURE ISLAND FEDERAL</b>	Well Number <b>1H</b>
OGRID No. 217955	Operator Name <b>COG PRODUCTION, LLC</b>	Elevation <b>3583.9'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	23	24-S	32-E		190	SOUTH	380	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
A	23	24-S	32-E		330	NORTH	380	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

<p>Y=440907.5 N X=714238.7 E</p> <p>Y=440920.3 N X=715565.4 E</p> <p>NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=440586.6 N X=715186.9 E LAT.=32.209375° N LONG.=103.637592° W</p> <p>NAD 27 SURFACE LOCATION Y=435823.6 N X=715208.2 E LAT.=32.196282° N LONG.=103.637623° W</p> <p>Y=435637.6 N X=715589.1 E</p> <p>Y=435623.4 N X=714266.3 E</p> <p>NMM120907</p> <p>GRID AZ. = 359°44'37" HORZ. DIST. = 4,763.0</p> <p>B.H.</p> <p>S.L.</p>	<p><b>OPERATOR CERTIFICATION</b></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 Parker</i> 11/12 Signature Date <i>Melanie Parker</i> Printed Name <i>mparker@concho.com</i> E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></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. # 13-752 DRAWN BY: TL</p>
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APR 14 2014

*Surface Use Plan*  
*COG Production LLC*  
*Treasure Island Federal #1H*  
*SHL: 190' FSL & 380' FEL      UL P*  
*Section 23, T24S, R32E*  
*BHL: 330' FNL & 380' FEL      UL A*  
*Section 23, T24S, R32E*  
*Lea County, New Mexico*

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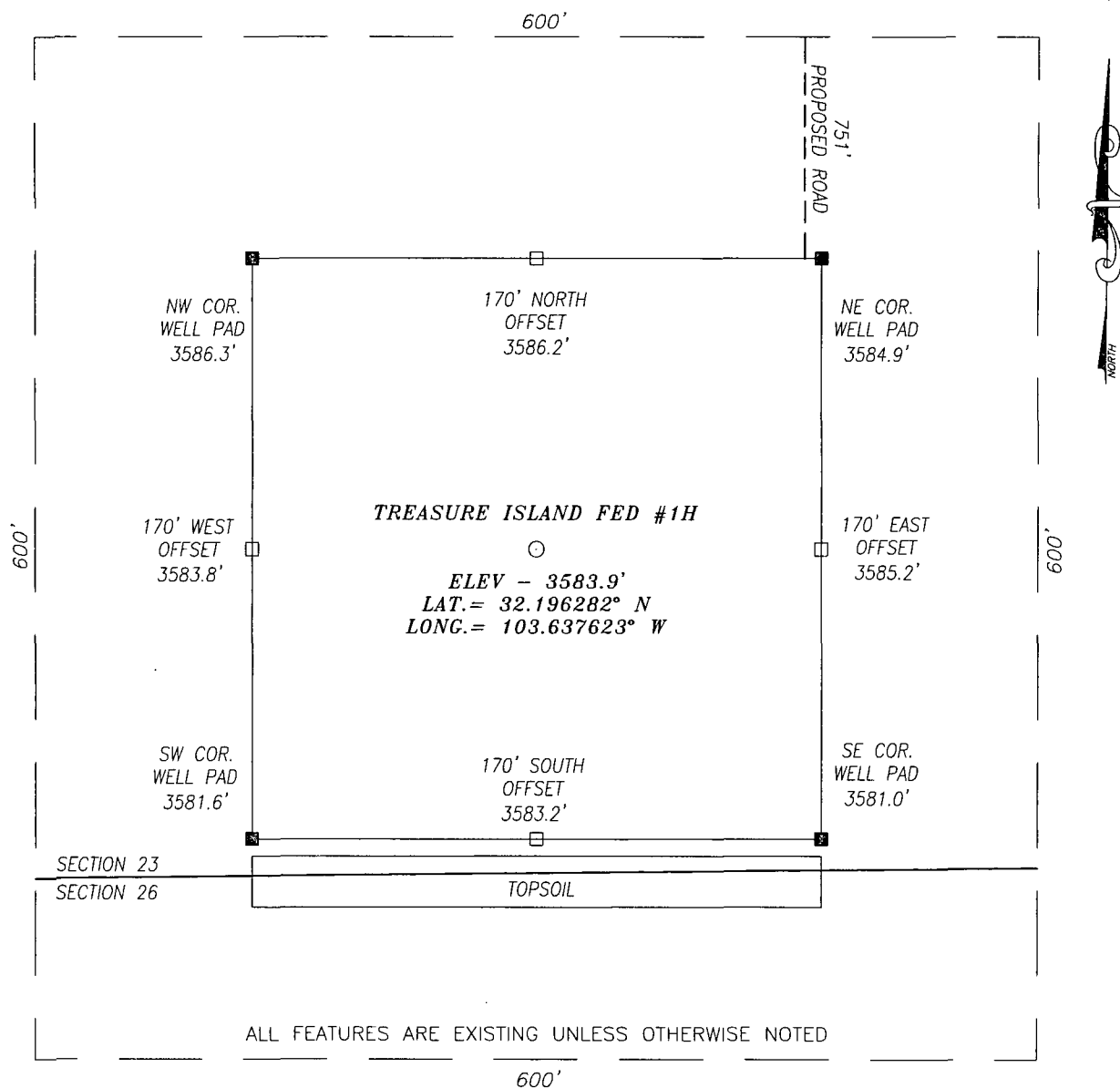
## **OPERATOR CERTIFICATION**

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access road proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or COG Production LLC, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements. Executed this 21<sup>st</sup> day of November, 2013.

Signed: 

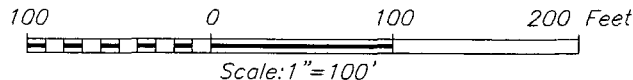
Printed Name: Melanie J. Parker  
Position: Regulatory Coordinator  
Address: 2208 W. Main Street, Artesia, NM 88210  
Telephone: (575) 748-6940  
Field Representative (if not above signatory): Rand French  
E-mail: [mparker@concho.com](mailto:mparker@concho.com)

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



DIRECTIONS TO LOCATION:

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 (SOUTHEAST) ONTO A TWO TRACK RD AND GO APPROX. 1.3 MILE; THEN PROPOSED WELL IS APPROX. 940 FEET SOUTH.



**HARCROW SURVEYING, LLC**  
2314 W. MAIN ST, ARTESIA, N.M. 88210  
PH: (575) 513-2570 FAX: (575) 746-2158  
chad\_harcrow77@yahoo.com



**COG PRODUCTION, LLC**

TREASURE ISLAND FED #1H WELL  
LOCATED 190 FEET FROM THE SOUTH LINE  
AND 380 FEET FROM THE EAST 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

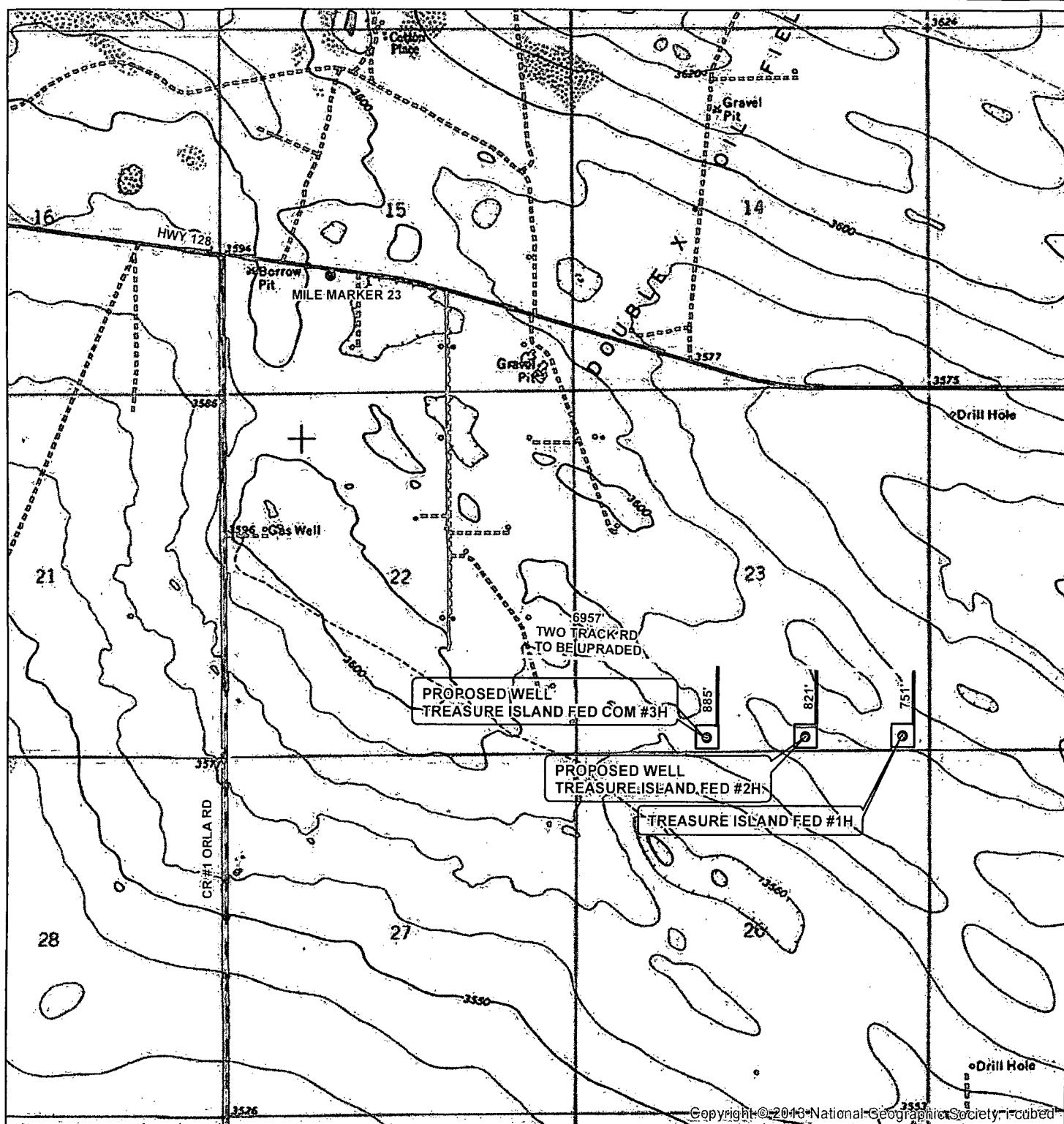
DRAFTING DATE: 09/18/2013

APPROVED BY: CH

DRAWN BY: TL

FILE: 13-752

# LOCATION VERIFICATION MAP



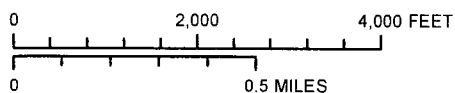
SEC. 23, TWP. 24S, RGE. 32E  
 SURVEY: N.M.P.M  
 COUNTY: LEA STATE: NEW MEXICO  
 DESCRIPTION: TREASURE ISLAND FED #1H  
 190' FSL, 380' FEL

ELEVATION: 3583.9'  
 OPERATOR: COG PRODUCTION LLC  
 LEASE: TREASURE ISLAND FED

W.O. # 13-752

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

1 IN = 2,000 FT

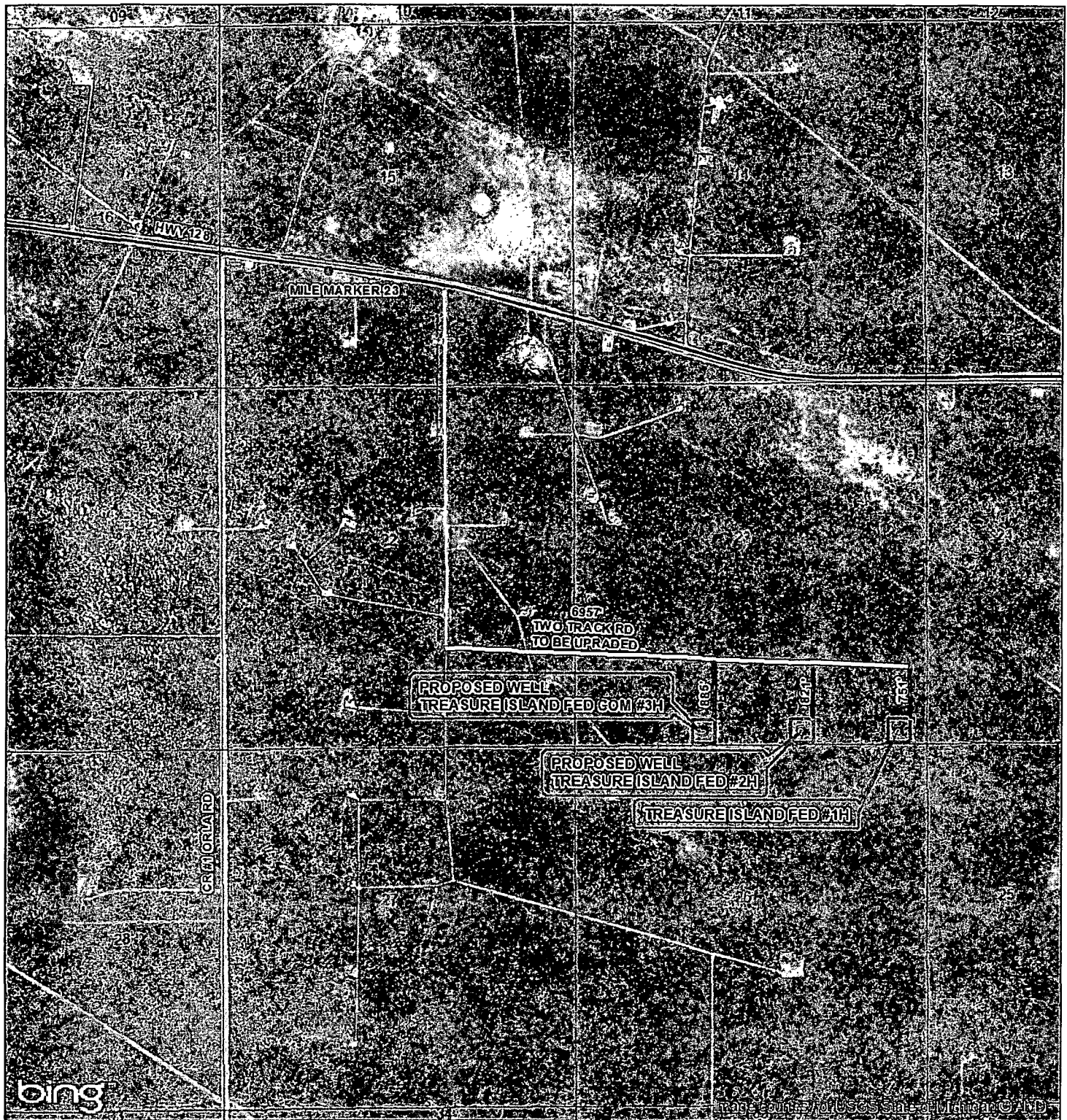


HARCROW SURVEYING, LLC  
 1107 WATSON, ARTESIA N.M. 88210  
 PH: (575) 513-2570 FAX: (575) 746-2158  
 chad\_harcrow77@yahoo.com



MAP DATE: 9/19/2013

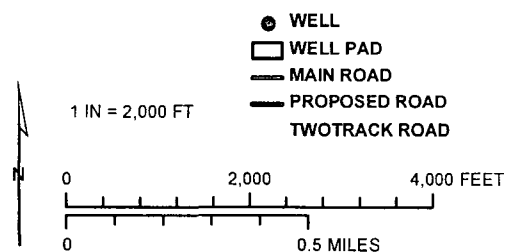
# LOCATION VERIFICATION MAP



SEC. 23, TWP. 24S, RGE. 32E  
 SURVEY: N.M.P.M  
 COUNTY: LEA STATE: NEW MEXICO  
 DESCRIPTION: TREASURE ISLAND FED #1H  
 190' FSL, 380' FEL

ELEVATION: 3583.9'  
 OPERATOR: COG PRODUCTION LLC  
 LEASE: TREASURE ISLAND FED

W.O. # 13-752

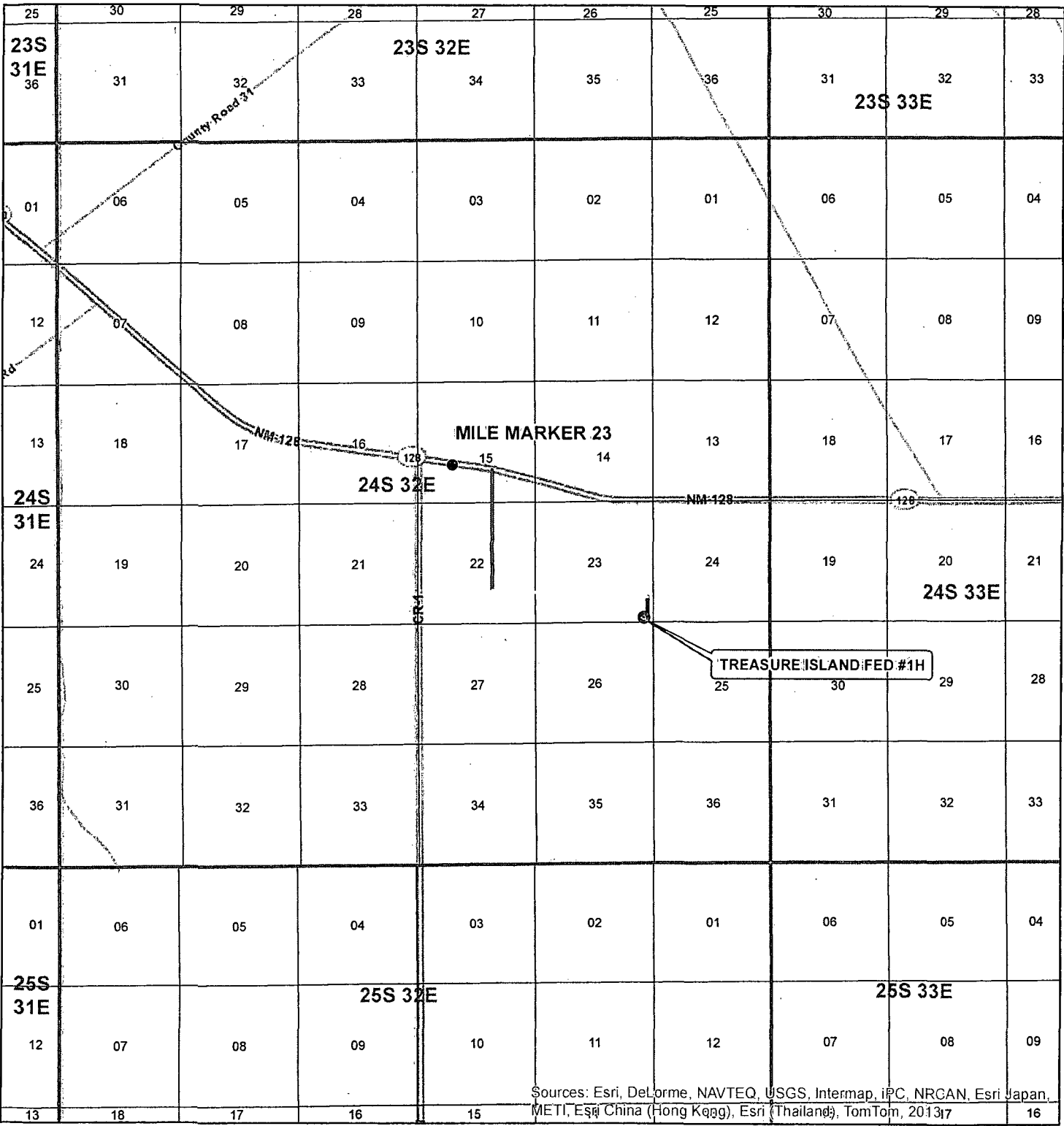


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 chad\_harcrow77@yahoo.com



MAP DATE: 9/19/2013

# VICINITY MAP



SEC. 23, TWP. 24S, RGE. 32E  
SURVEY: N.M.P.M  
COUNTY: LEA STATE: NEW MEXICO  
DESCRIPTION: TREASURE ISLAND FED #1H  
190' FSL, 380' FEL

ELEVATION: 3583.9'  
OPERATOR: COG PRODUCTION LLC  
LEASE: TREASURE ISLAND FED

W.O. # 13-752



1 IN = 6,000 FT

0 0.5 MILES

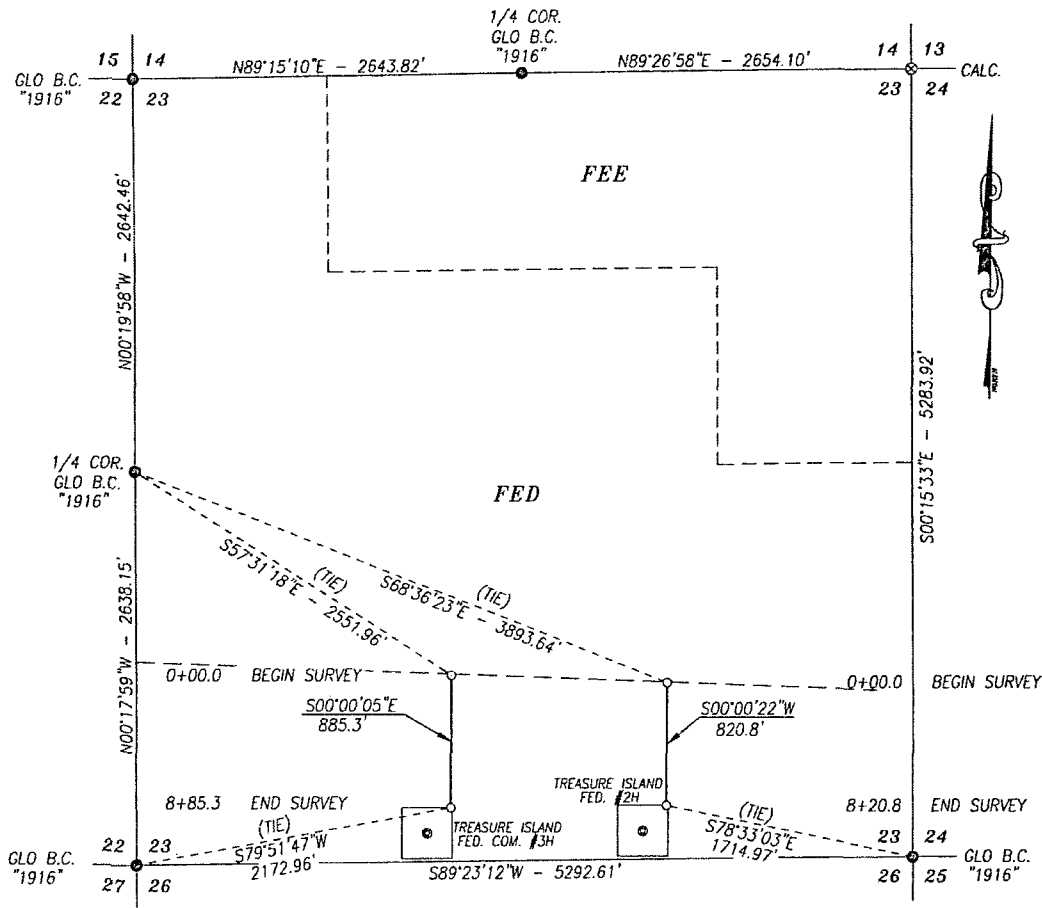
- ☒ WELL  
☐ TOWNSHIP  
☐ SECTION

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MAP DATE: 9/19/2013

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



DESCRIPTION

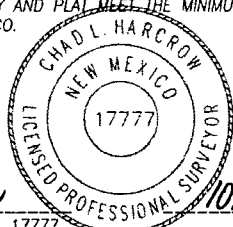
2 STRIPS OF LAND 30.0 FEET WIDE AND 885.3 FEET OR 103.4 RODS OR .323 MILES IN LENGTH CROSSING USA LAND IN SECTION 23, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

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.

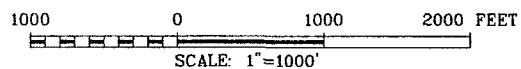


*Chad Harcrow*  
CHAD HARCROW N.M.P.S. NO. 17777

10/23/13  
DATE

**HARCROW SURVEYING, LLC**

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

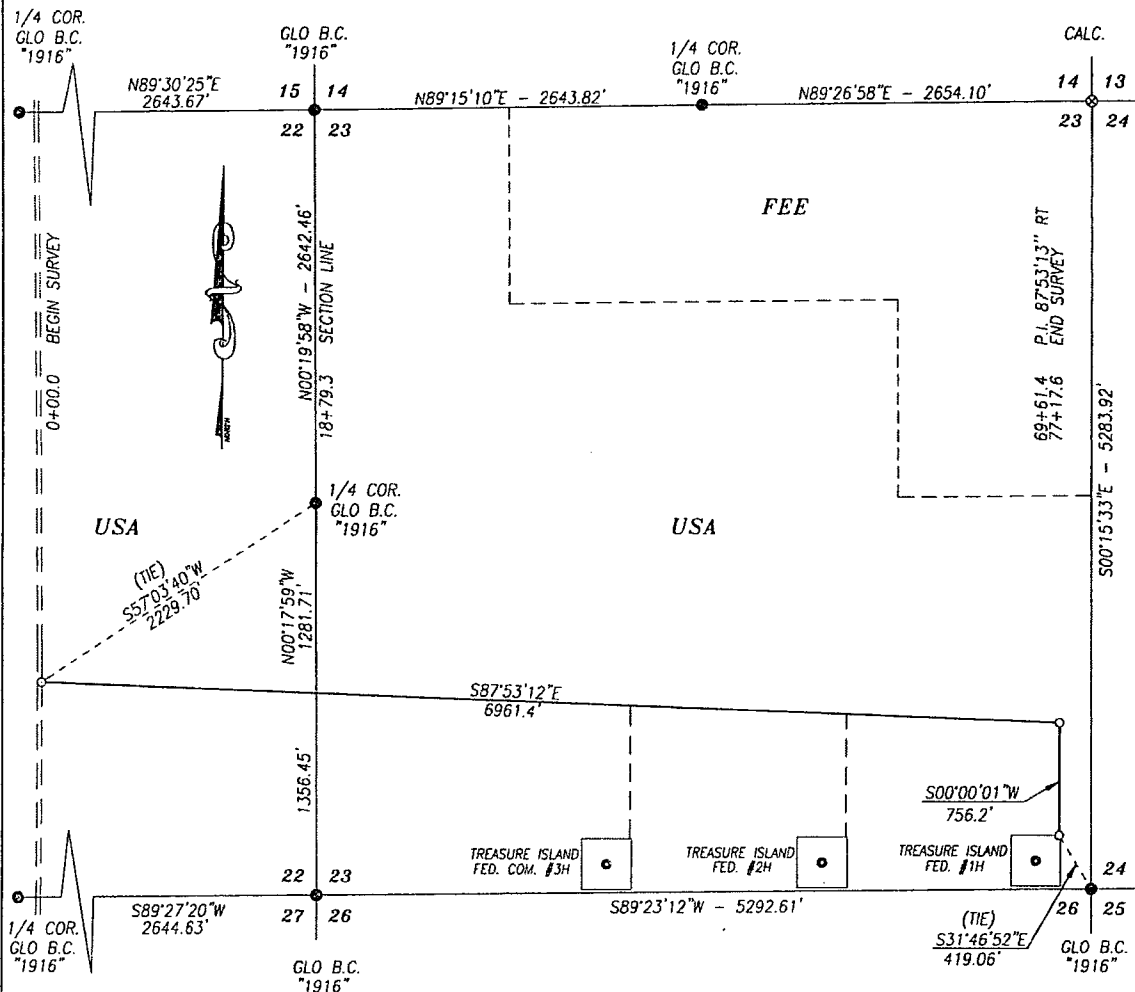


**COG OPERATING, LLC**

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: VR
FILE: 13-737	

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



DESCRIPTION

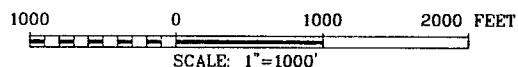
TWO STRIPS OF LAND 30.0 FEET WIDE AND 7717.6 FEET OR 467.73 RODS OR 1.462 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 22 & 23, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

**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.



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**COG OPERATING, LLC**

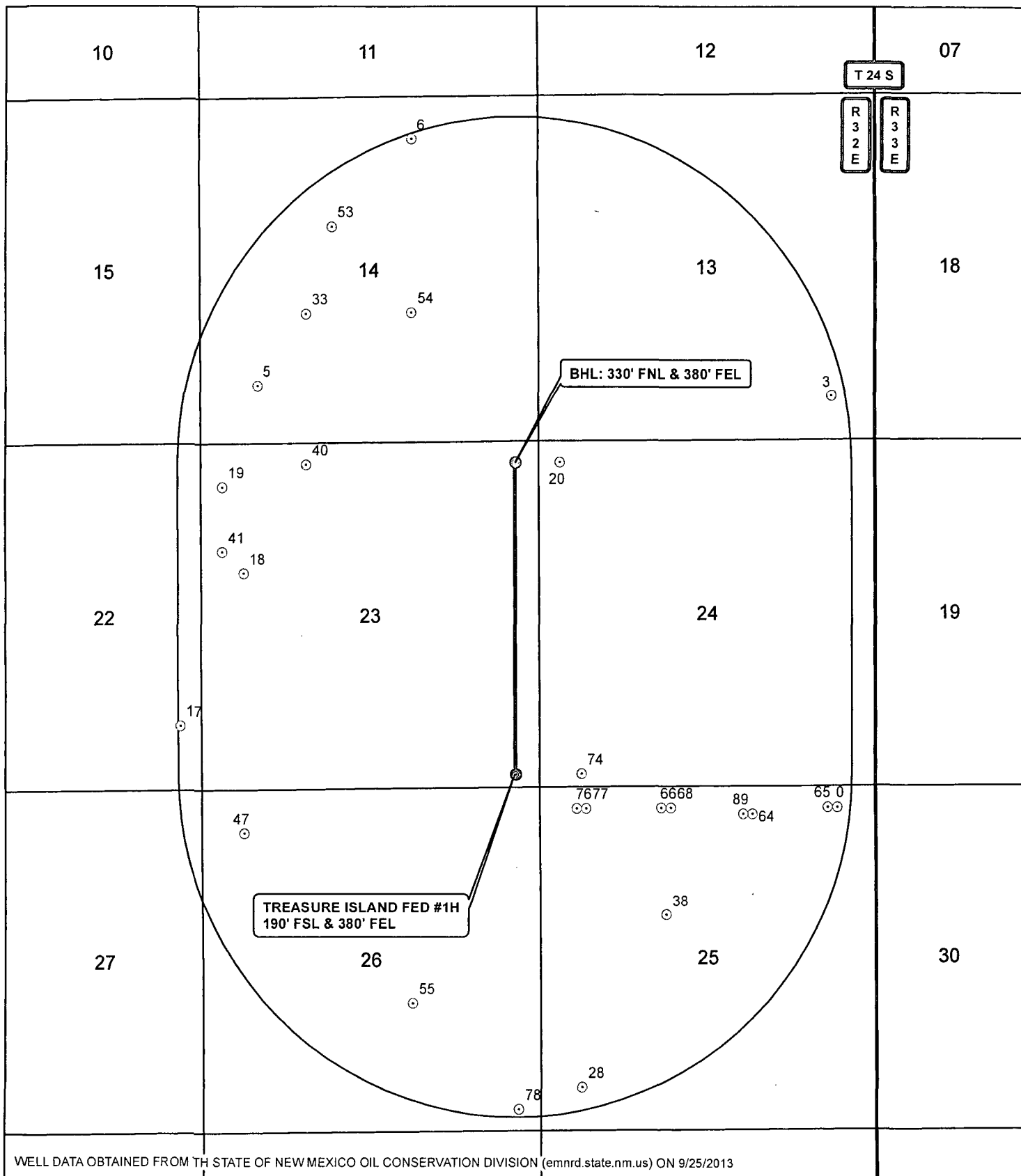
SURVEY OF A PROPOSED ROAD LOCATED IN SECTIONS 22 & 23, TOWNSHIP 24 SOUTH, RANGE 32 EAST, LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: SEPTEMBER 17, 2013 RELATED: 13-646  
DRAFTING DATE: OCTOBER 14, 2013 PAGE 1 OF 2

*Chad Harcrow*

10/23/13





## LEGEND

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

WELL NAME: TREASURE ISLAND FED #1H

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

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

W.O. # 13-752

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

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