

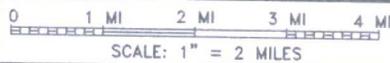
MONTERA FEDERAL 23H

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com



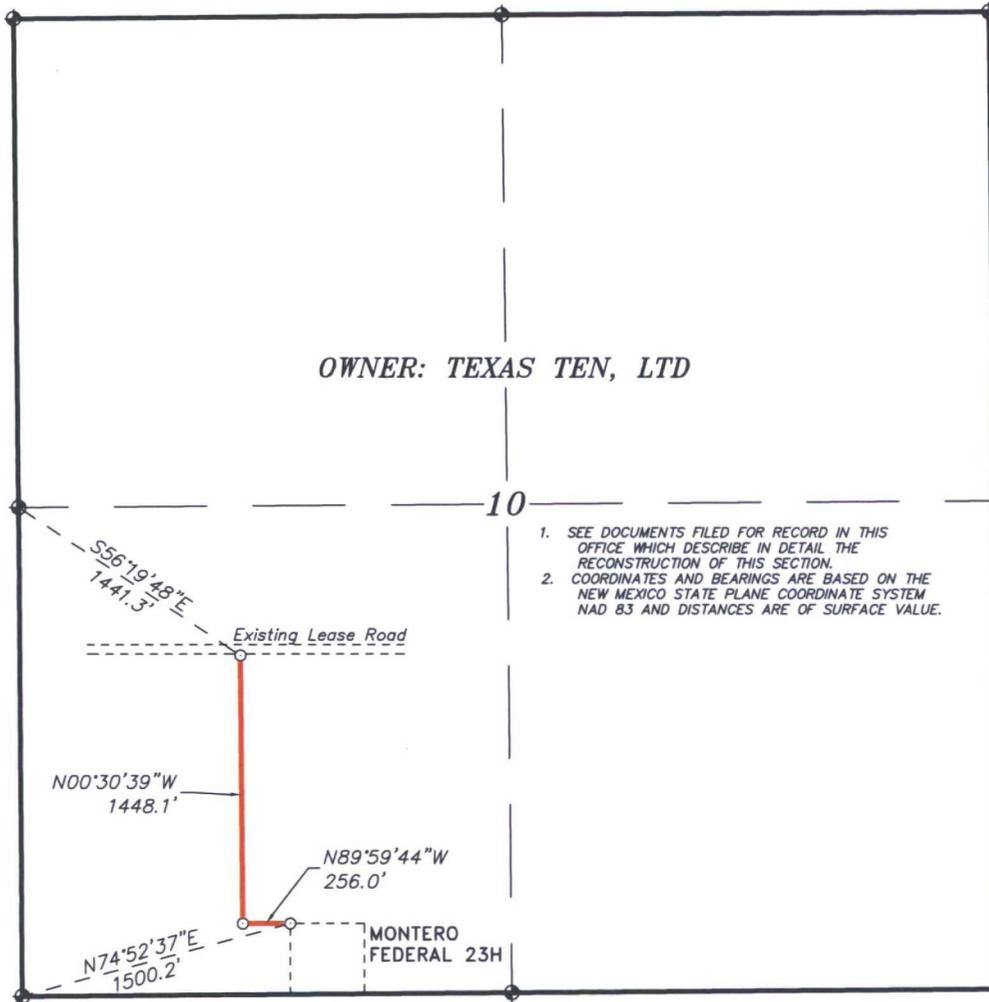
W.O. Number: JG 32470
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**

SECTION 10, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



OWNER: TEXAS TEN, LTD

1. SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE WHICH DESCRIBE IN DETAIL THE RECONSTRUCTION OF THIS SECTION.
2. COORDINATES AND BEARINGS ARE BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM NAD 83 AND DISTANCES ARE OF SURFACE VALUE.

LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 10, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES N.74°52'37"E., 1500.2 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 10; THENCE N.89°59'44"W., 256.0 FEET; THENCE N.00°30'39"W., 1448.1 FEET TO THE END OF THIS LINE WHICH LIES S.56°19'48"E., 1441.3 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION 10. SAID STRIP OF LAND BEING 1704.1 FEET OR 103.28 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS THE REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES, P.S. No. 7977
LEA COUNTY, TEXAS No. 5074



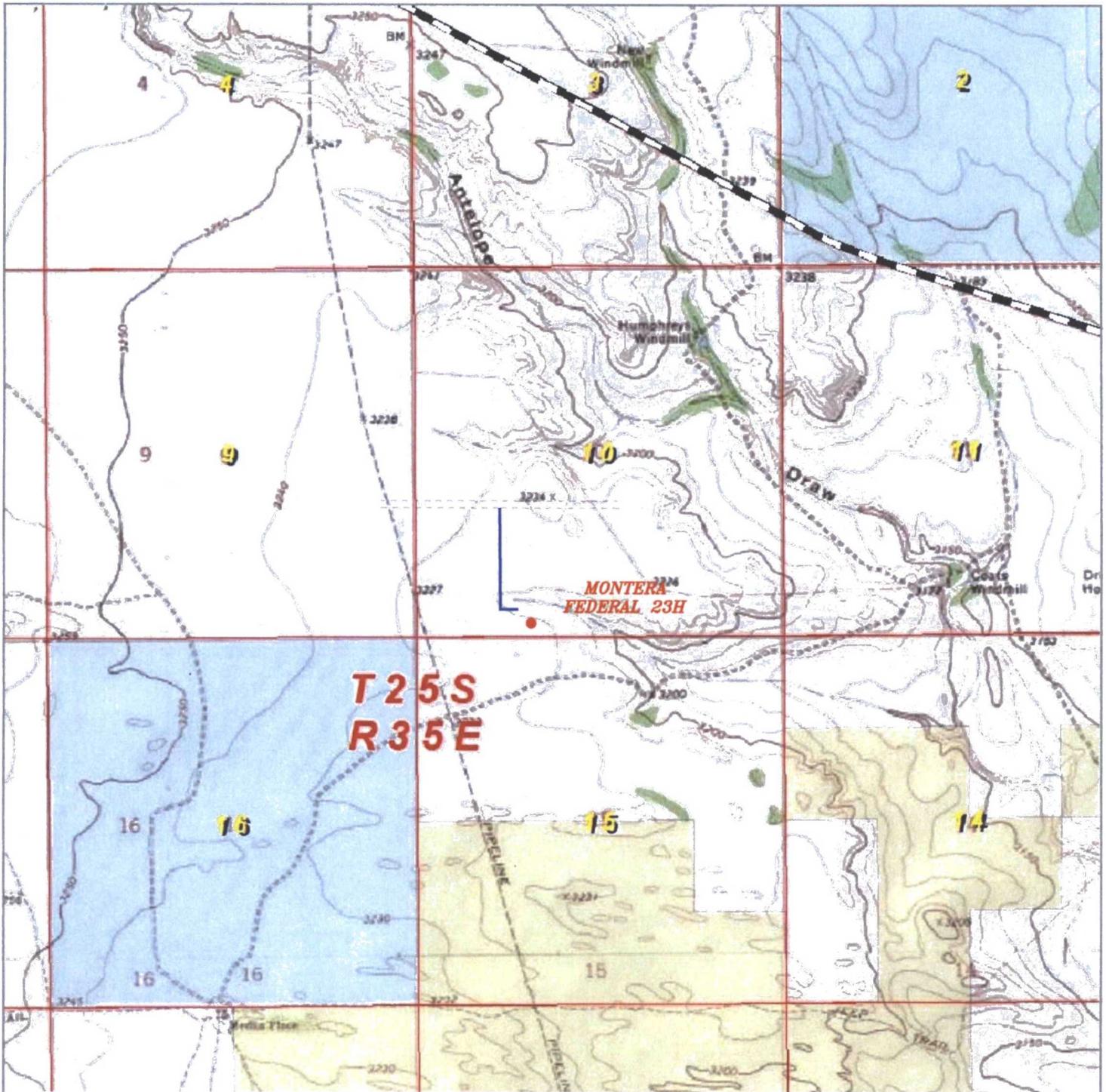
P.O. Box 1786 (575) 393-7316 - Office
1120 N. West County Rd. (575) 392-2206 - Fax
Hobbs, New Mexico 88241 basinsurveys.com



COG OPERATING LLC

REF: PROPOSED LEASE ROAD TO THE MONTERO FEDERAL 23H

A LEASE ROAD CROSSING FEE LAND IN
SECTION 10, TOWNSHIP 25 SOUTH, RANGE 35 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

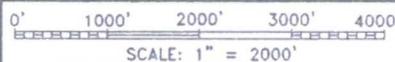


LEASE ROAD TO THE MONTERA FEDERAL 23H

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

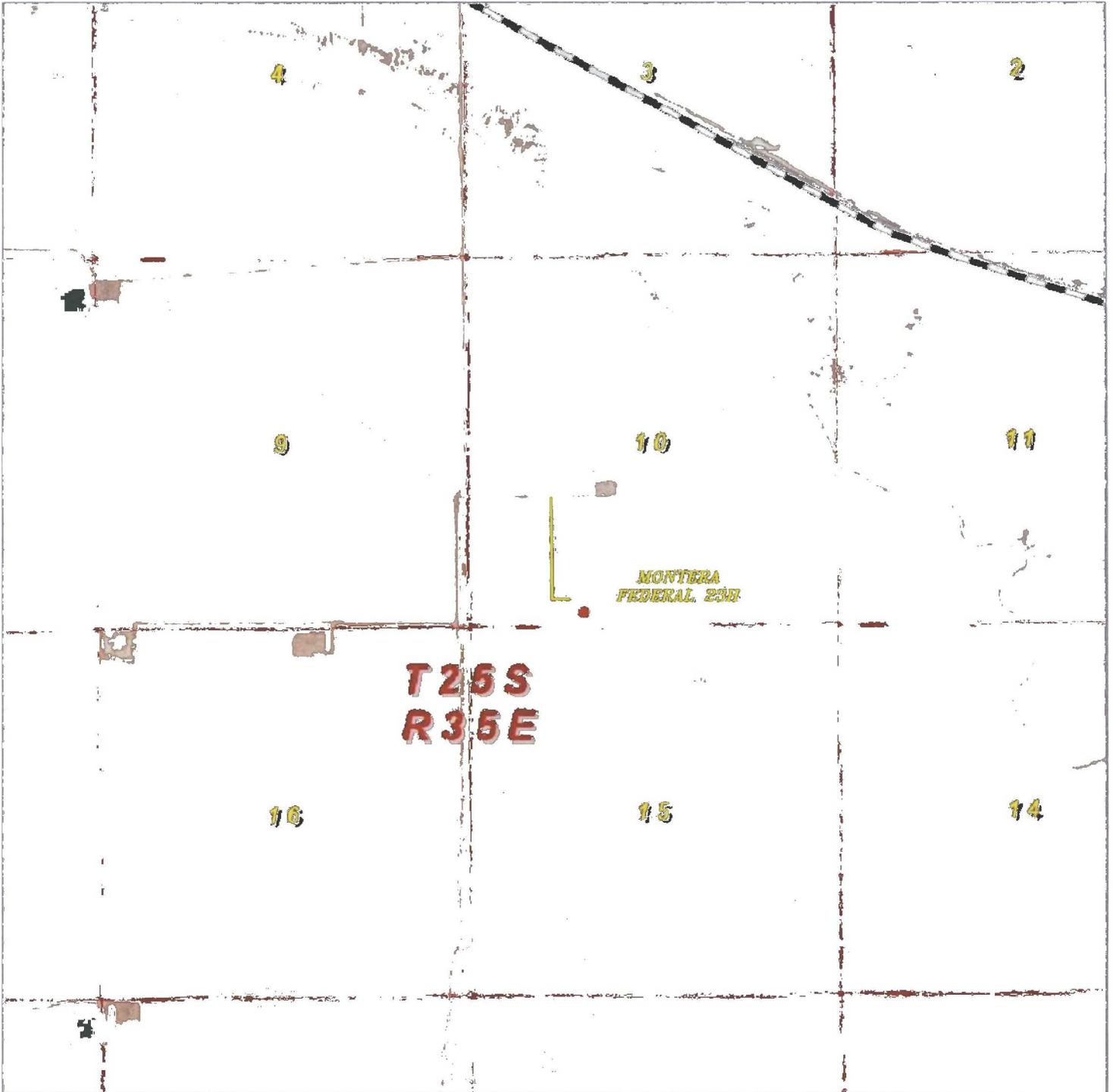


W.O. Number: JG 32537
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**

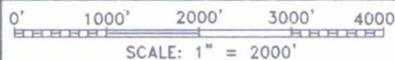


LEASE ROAD TO THE MONTERA FEDERAL

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

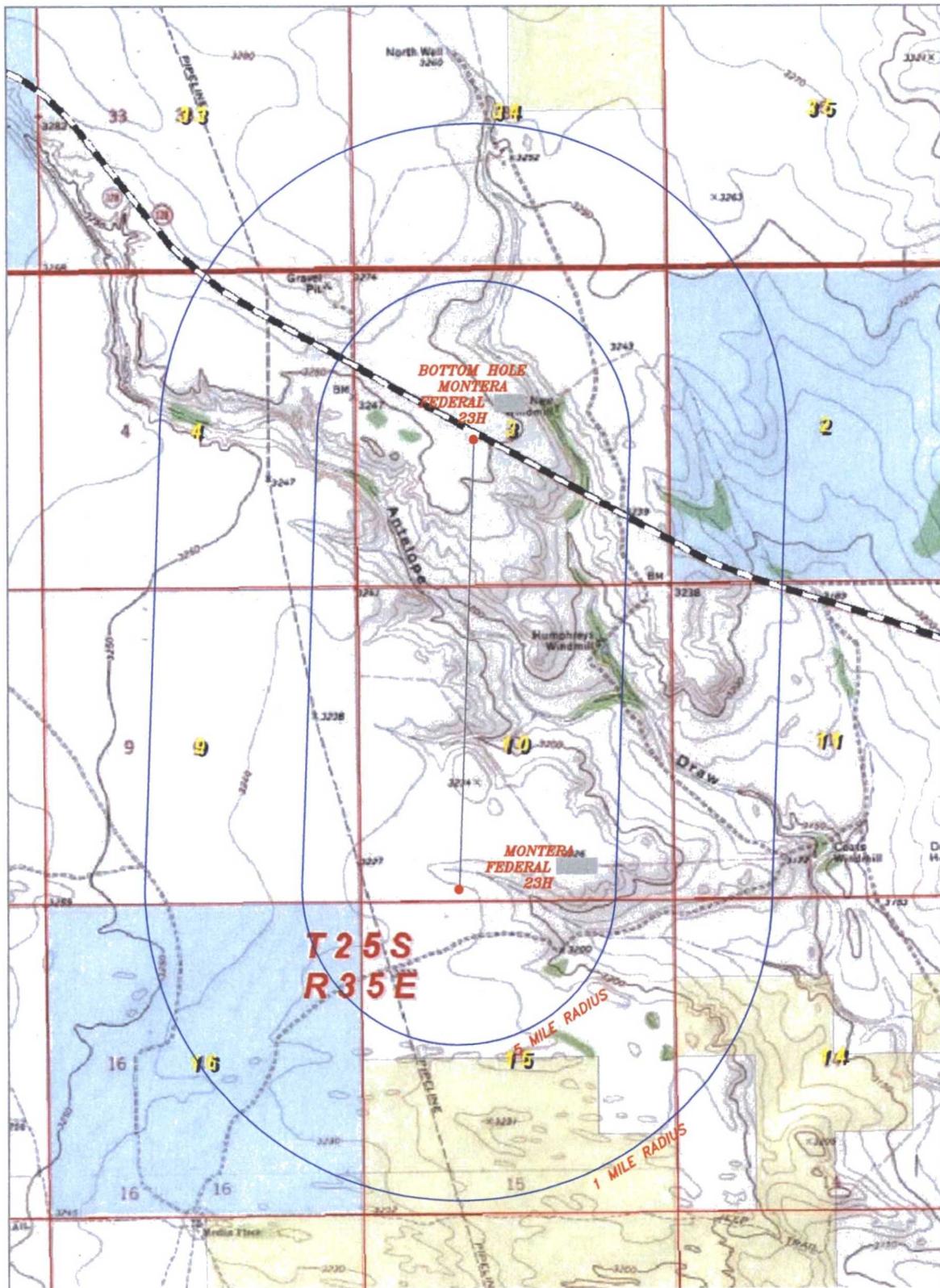


W.O. Number: JG 32537
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**

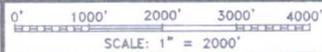


MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com



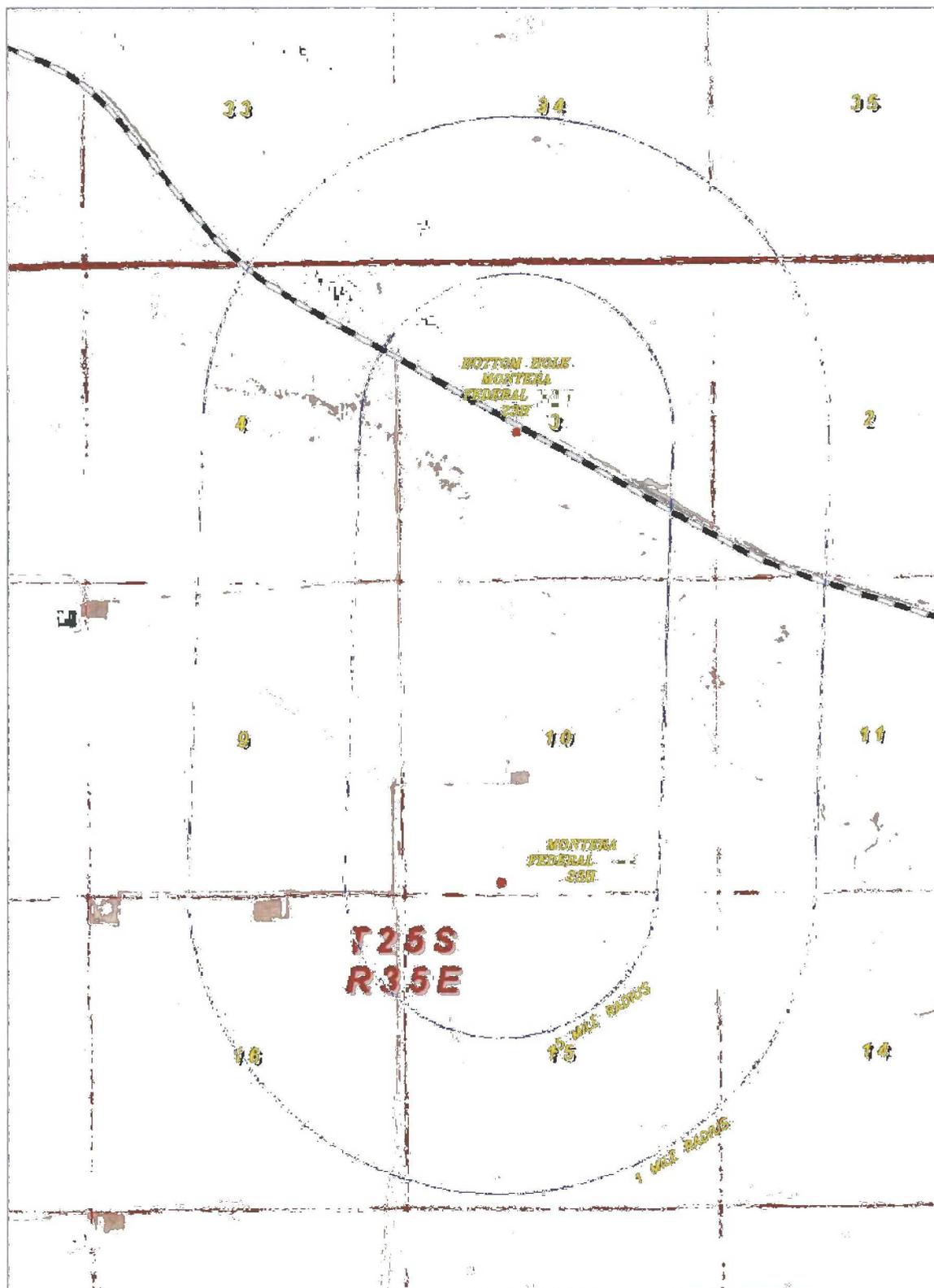
W.O. Number: JG 32470

Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**

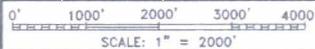


MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com

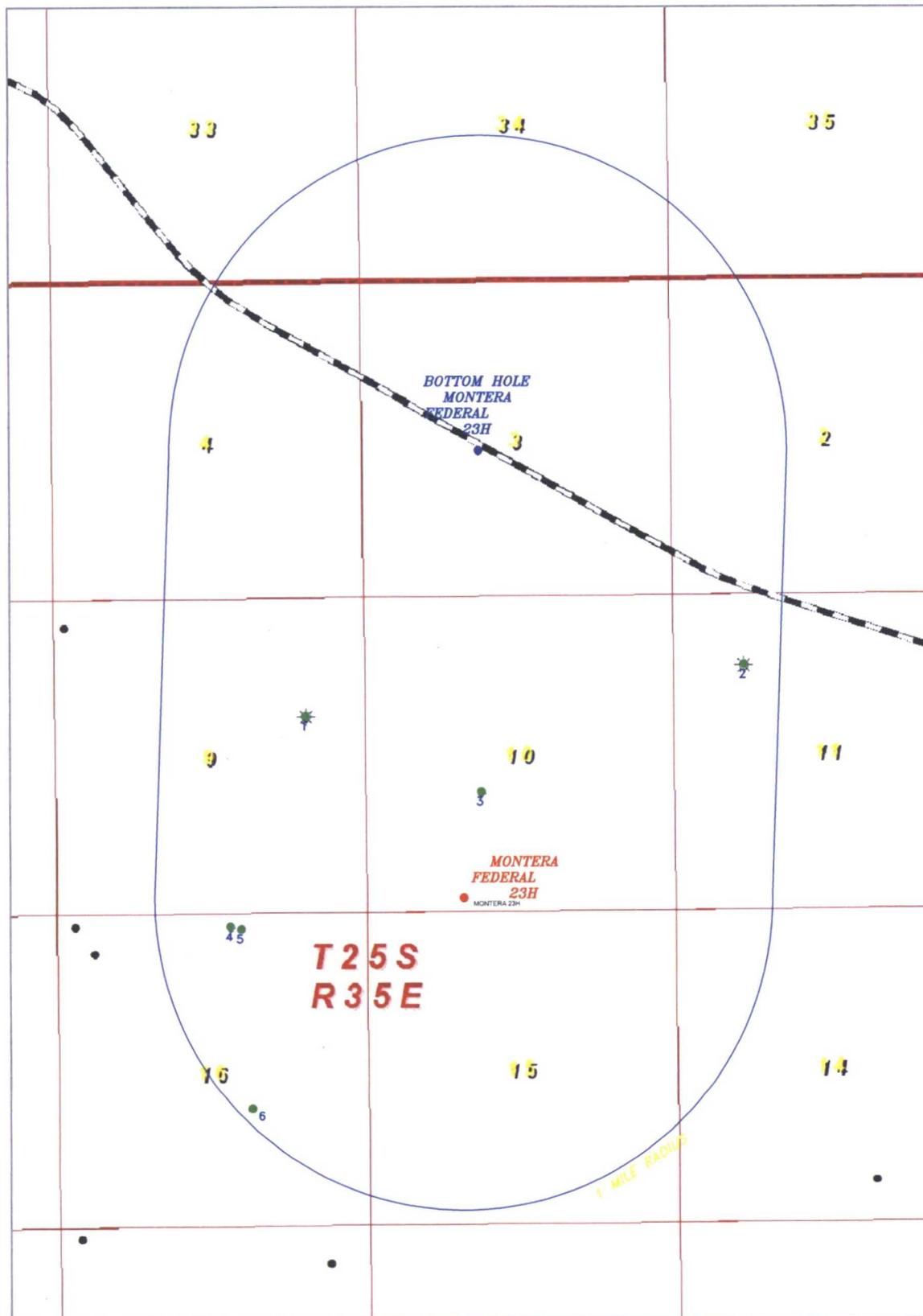


W.O. Number: JG 32470
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**



MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

- - SURFACE LOCATION
- - BOTTOMHOLE
- - WELLS WITHIN 1 MILE RADIUS

0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

W.O. Number: JG 32470

Survey Date: 9-16-2016

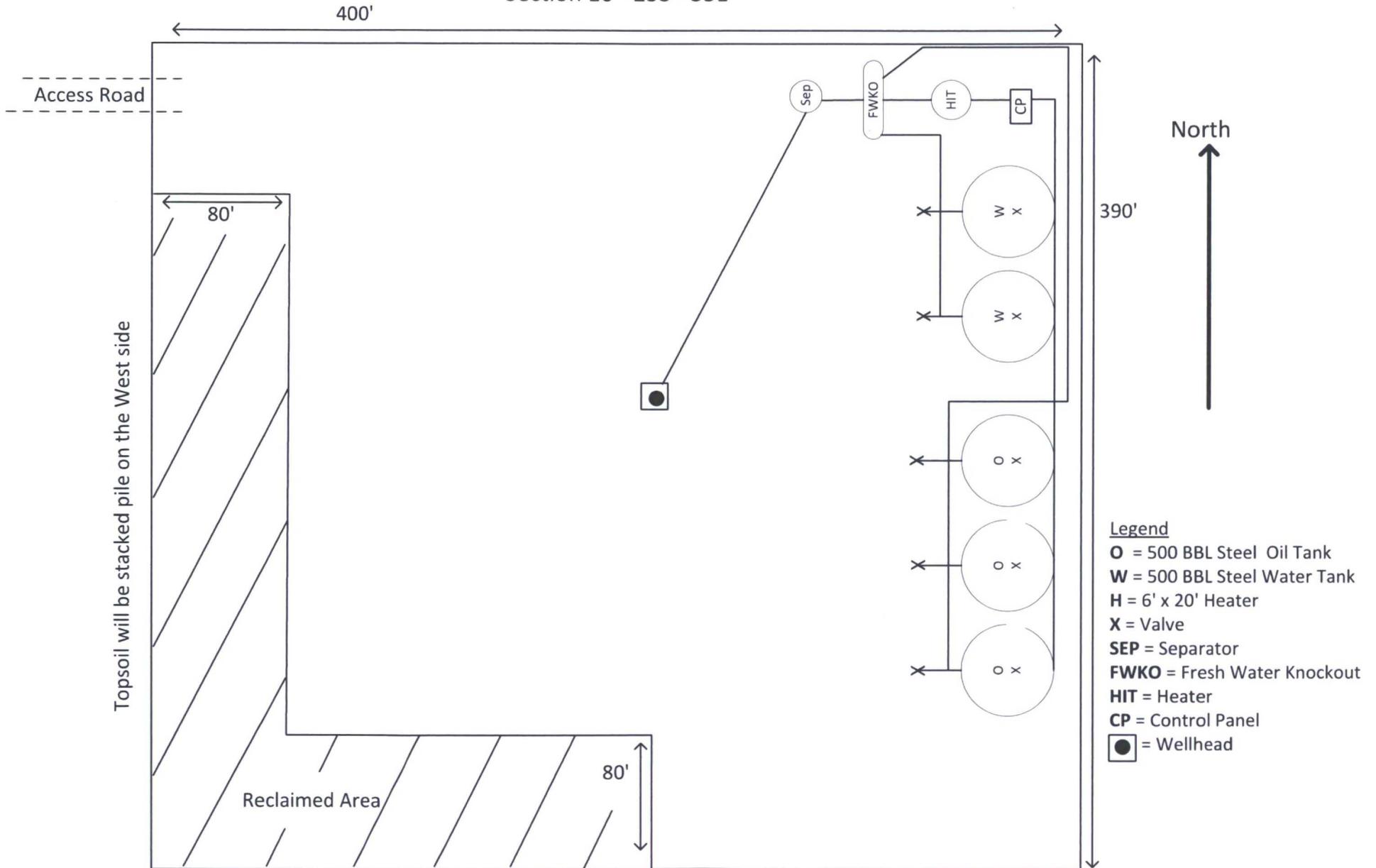
**COG
 OPERATING,
 LLC**

MONTERA FEDERAL COM #23H

FID	Shape *	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
1	Point	OXY USA WTP LIMITED PARTENERSHIP	OXY BANANA GIRL #003	32.146657	-103.367114	3002535408	9	25.05	35E	1980	N	990	E	0	Cancelled Apd
2	Point	PACIFIC ENTERPRISES OIL CO	RENO COM #001	32.148777	-103.342949	3002526867	11	25.05	35E	1200	N	1200	W	19170	Plugged, Site Released
3	Point	COG OPERATING LLC	OXY BANANA GIRL FEDERAL #002	32.143036	-103.357506	3002535322	10	25.05	35E	1980	S	1980	W	16075	Active
4	Point	EOG RESOURCES INC	WHEATFIELD 16 STATE #701H	32.136974	-103.371375	3002542520	16	25.05	35E	230	N	2300	E	12438	Active
5	Point	EOG RESOURCES INC	WHEATFIELD 16 STATE #702H	32.136879	-103.370802	3002542787	16	25.05	35E	230	N	2270	E	0	New
6	Point	ROBERT E. LANDRETH	RAINBOW 16 STATE COM #001	32.128548	-103.370308	3002539719	16	25.05	35E	1980	S	1980	E	999	Plugged, Site Released

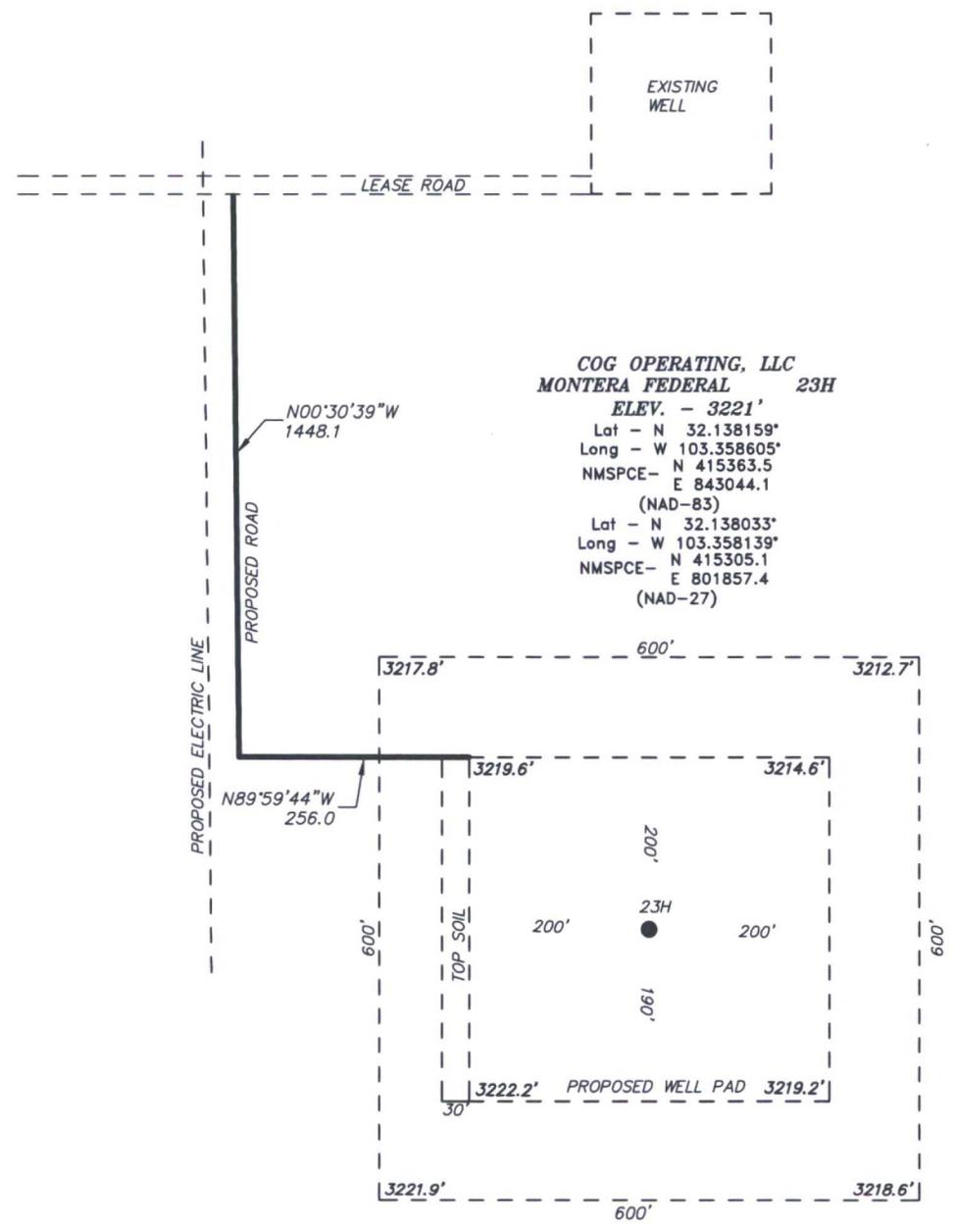
Well Site Layout
Production Facility Layout
 Montera Federal #23H
 Section 10 - 25S - 35E

Exhibit 3



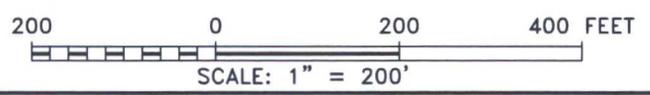
- Legend**
- O** = 500 BBL Steel Oil Tank
 - W** = 500 BBL Steel Water Tank
 - H** = 6' x 20' Heater
 - X** = Valve
 - SEP** = Separator
 - FWKO** = Fresh Water Knockout
 - HIT** = Heater
 - CP** = Control Panel
 - = Wellhead

Section 10, Township 25 South, Range 35 East, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



COG OPERATING, LLC
MONTERA FEDERAL 23H
 ELEV. - 3221'
 Lat - N 32.138159°
 Long - W 103.358605°
 NMSPCE- N 415363.5
 E 843044.1
 (NAD-83)
 Lat - N 32.138033°
 Long - W 103.358139°
 NMSPCE- N 415305.1
 E 801857.4
 (NAD-27)

JAL, NM IS ±10 MILES TO THE SOUTHEAST OF LOCATION.



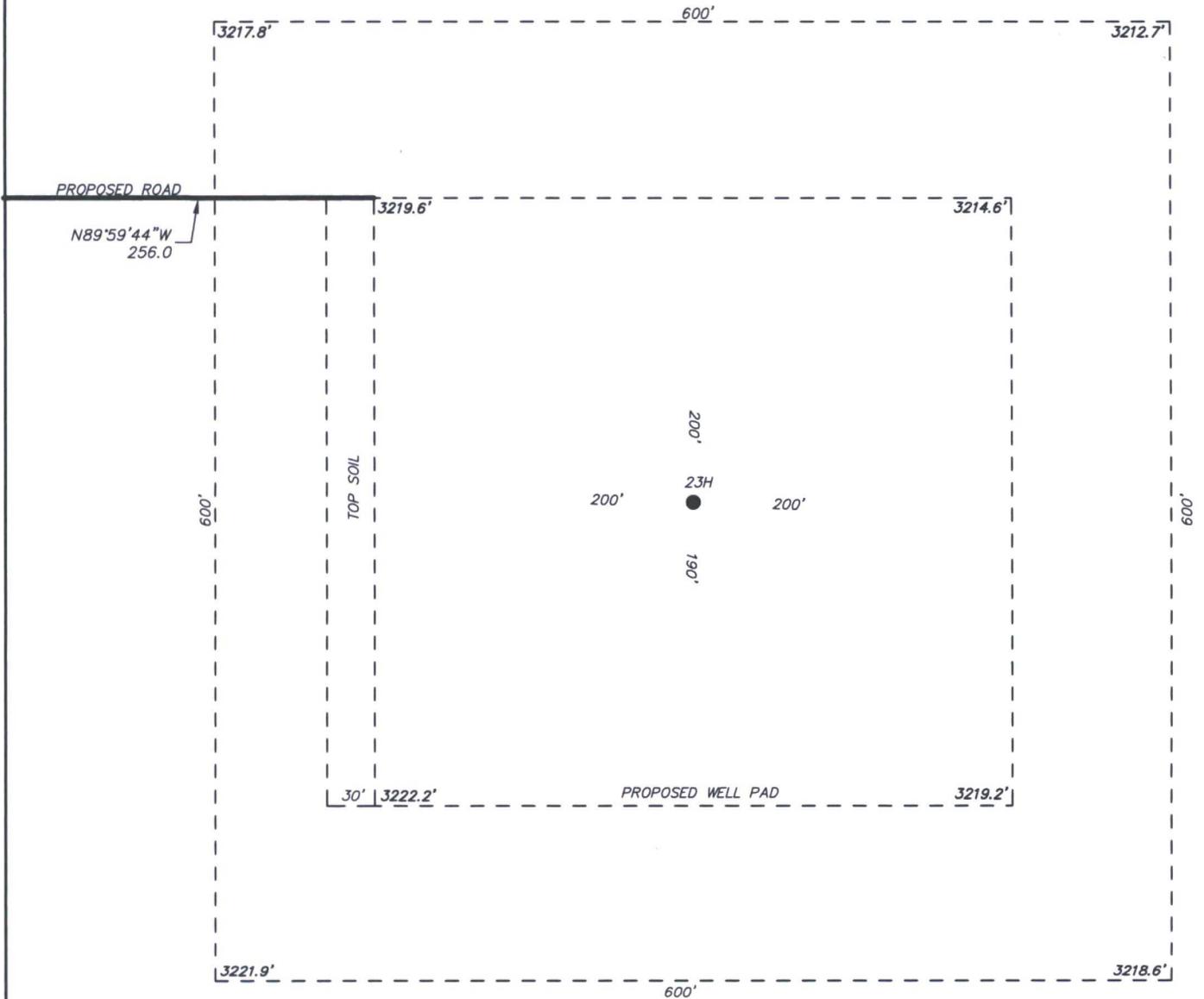
COG OPERATING, LLC

REF: MONTERA FEDERAL 23H / WELL PAD TOPO
 THE MONTERA FEDERAL 23H LOCATED 190' FROM
 THE SOUTH LINE AND 1650' FROM THE WEST LINE OF
 SECTION 10, TOWNSHIP 25 SOUTH, RANGE 35 EAST.
 N.M.P.M., LEA COUNTY, NEW MEXICO.



basin surveys
 focused on excellence in the oilfield
 P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com

Section 10, Township 25 South, Range 35 East, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



COG OPERATING, LLC

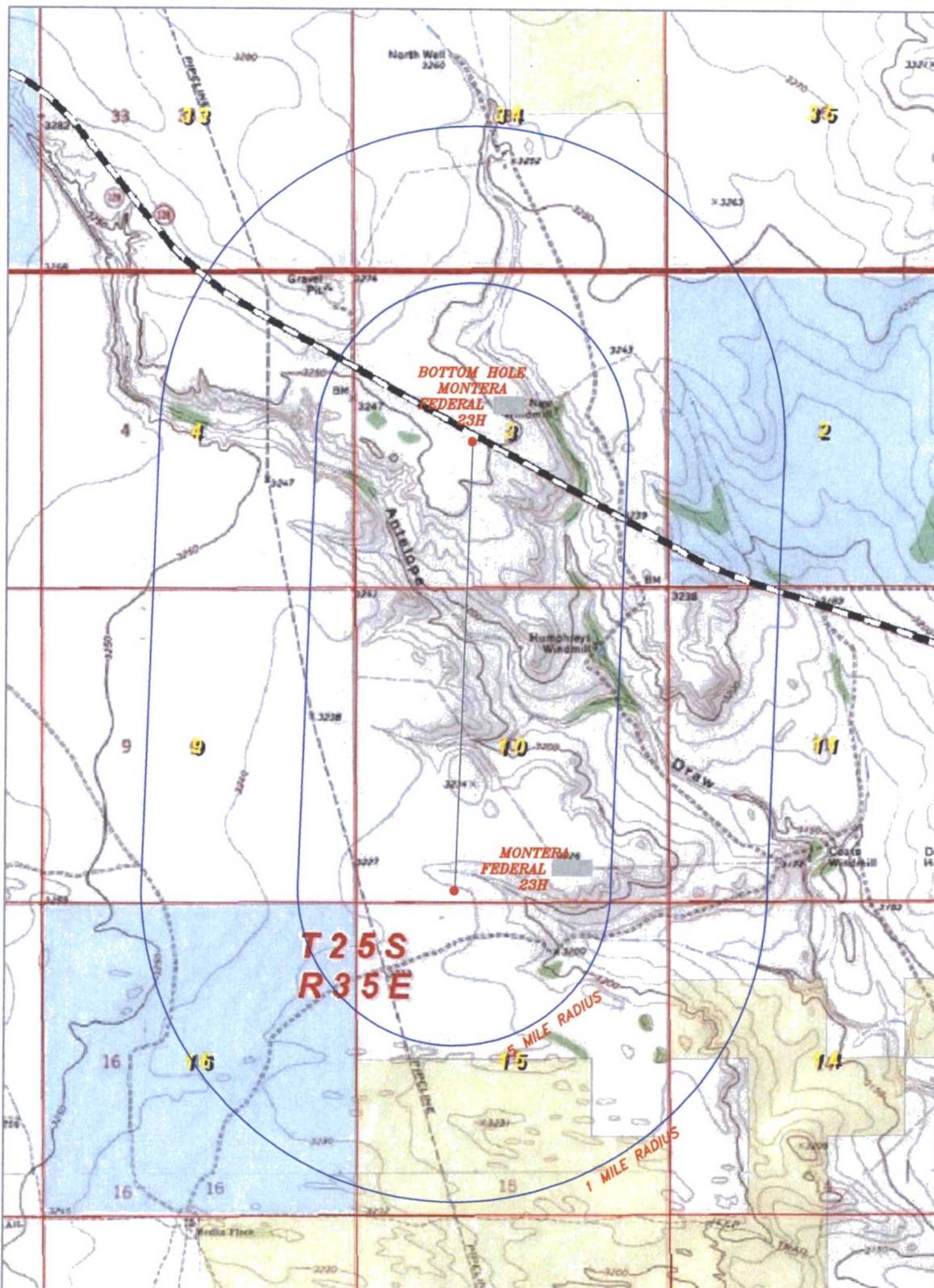
REF: MONTERA FEDERAL 23H / WELL PAD TOPO

THE MONTERA FEDERAL 23H LOCATED 190' FROM
THE SOUTH LINE AND 1650' FROM THE WEST LINE OF
SECTION 10, TOWNSHIP 25 SOUTH, RANGE 35 EAST.

N.M.P.M., LEA COUNTY, NEW MEXICO.



P.O. Box 1786 (575) 393-7316 - Office
1120 N. West County Rd. (575) 392-2206 - Fax
Hobbs, New Mexico 88241 basin-surveys.com

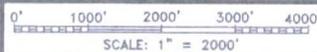


MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

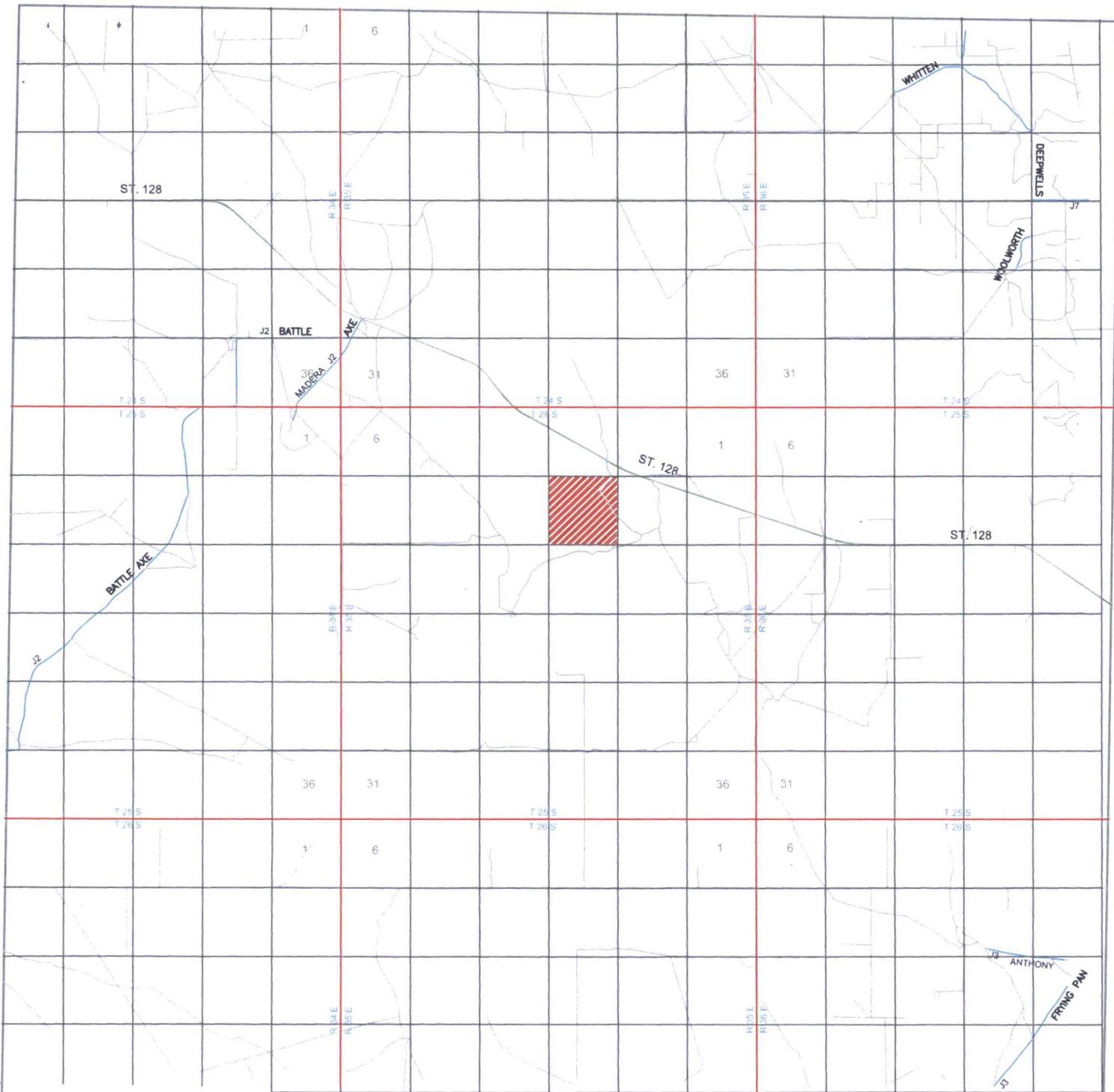


W.O. Number: JG 32470
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**

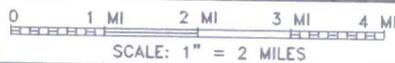


MONTERA FEDERAL 23H

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

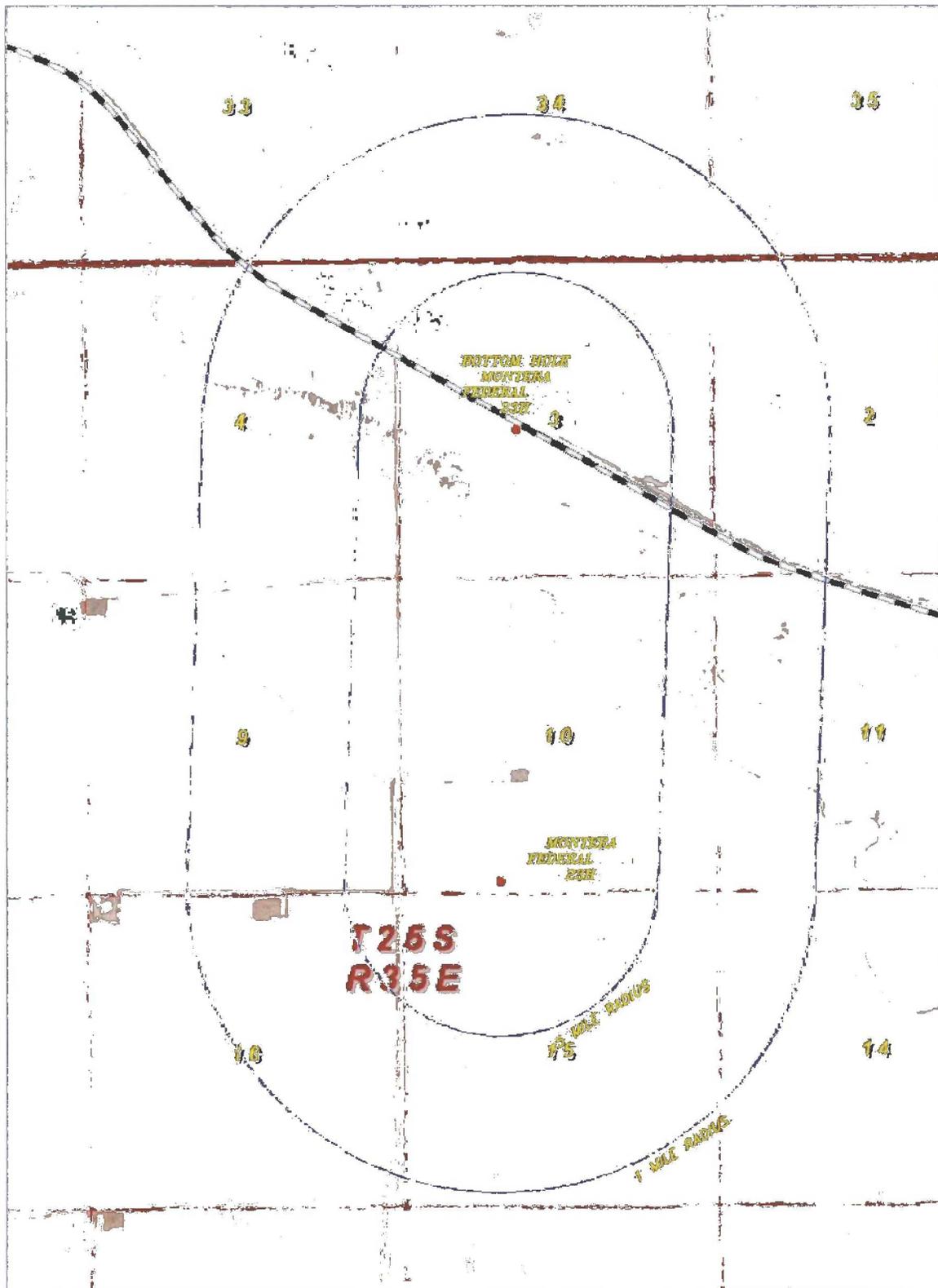


W.O. Number: JG 32470
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**



MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com

0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

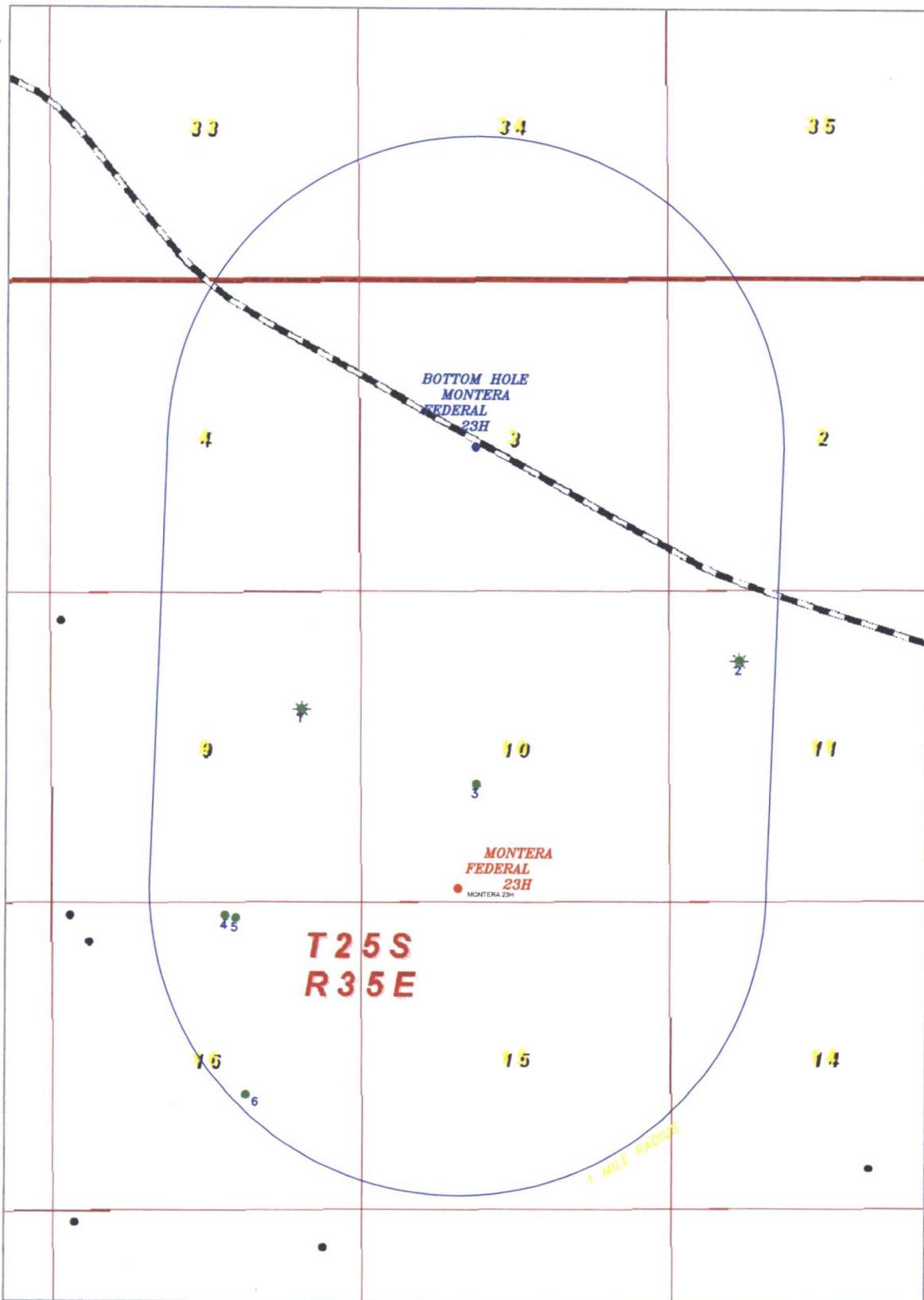
W.O. Number: JG 32470

Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**



MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

- - SURFACE LOCATION
- - BOTTOMHOLE
- - WELLS WITHIN 1 MILE RADIUS

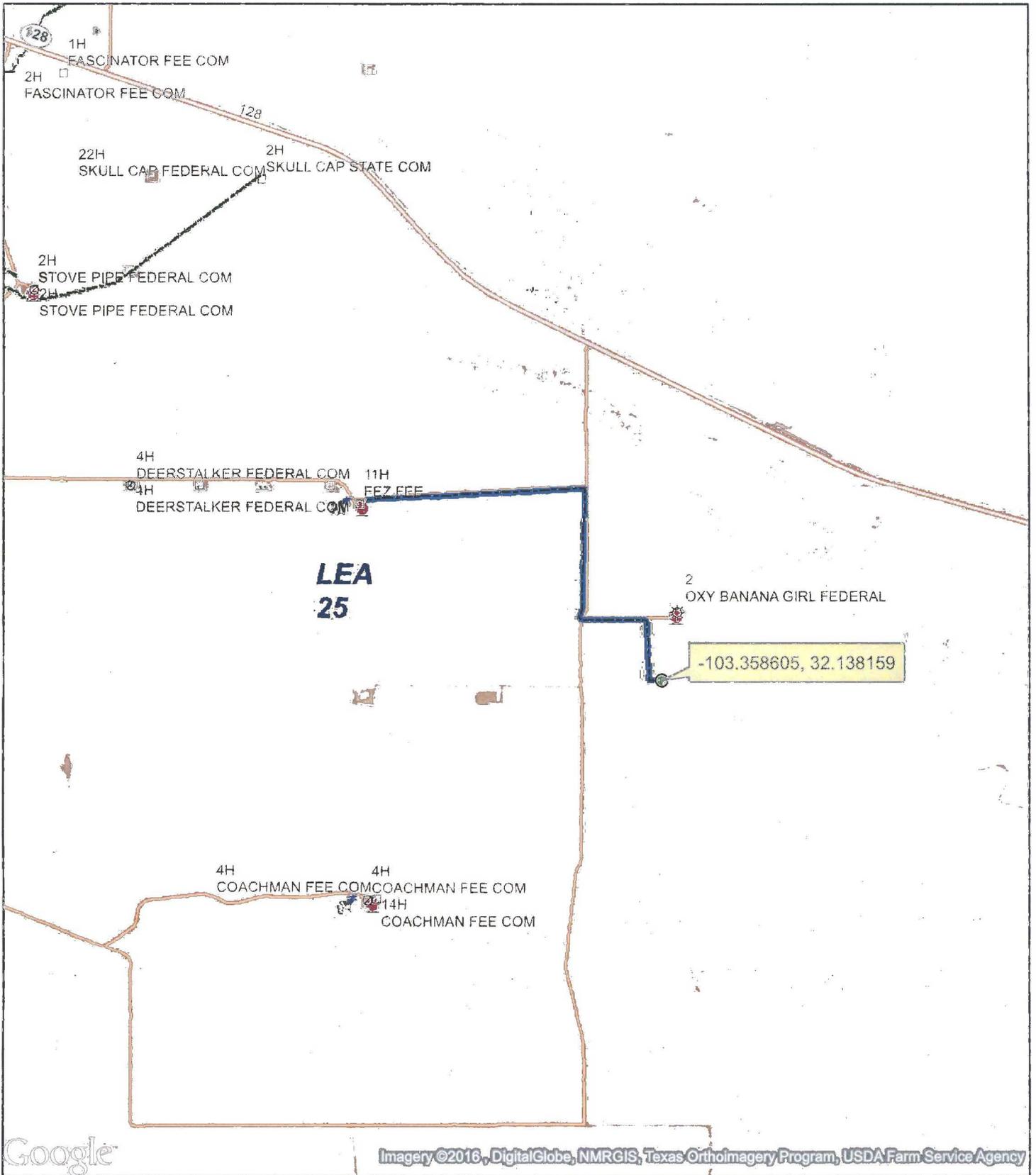


W.O. Number: JG 32470

Survey Date: 9-16-2016



**COG
 OPERATING,
 LLC**



CONCHO

Montera Fed #23H to Fez Pond

Date: 10/31/2016
 Author: Wayne McDonald
 State: New Mexico
 County: Lea

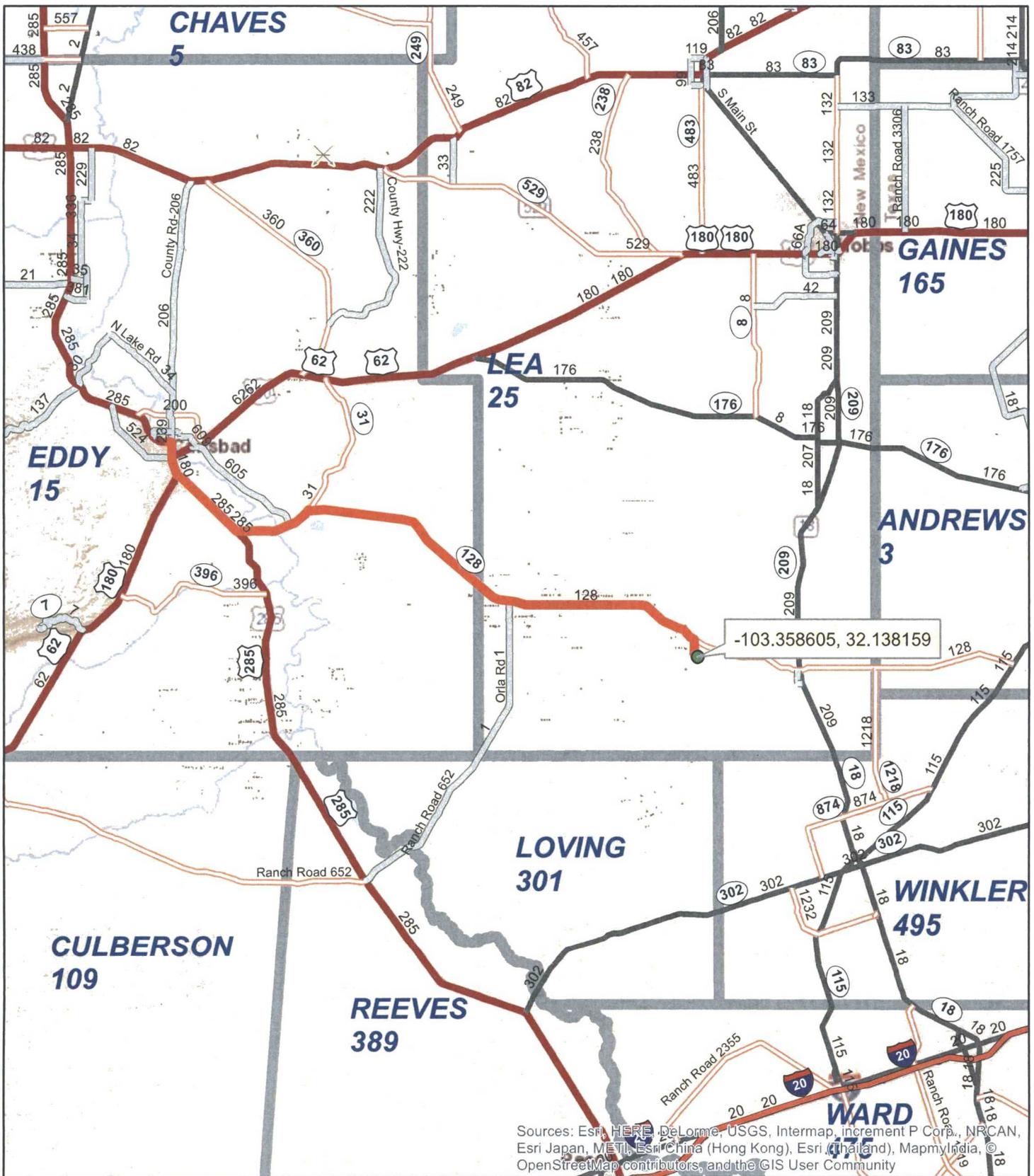
GCS WGS 1984
 Datum: WGS 1984
 Units: Degree

Disclaimer: This is not a legal survey document. 1 inch = 342' x 1/2"

- Legend**
- Montera Fed #23 H freshwater pipeline
 - Geodatabase SDE_DATA_OWNER.BTG_INF_Roads_WGS84
- Esri_Roads_Clip**
- Road Classification**
- Freeway or Other Major Road
 - Major Road Less Important than a Freeway
 - Other Major Road
 - Secondary Road
 - Local Connecting Road
 - Important Local Road

Proposed route for freshwater pipeline





Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, OpenStreetMap contributors, and the GIS User Community

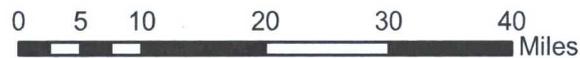
Rockhouse to Montera Fed #23H

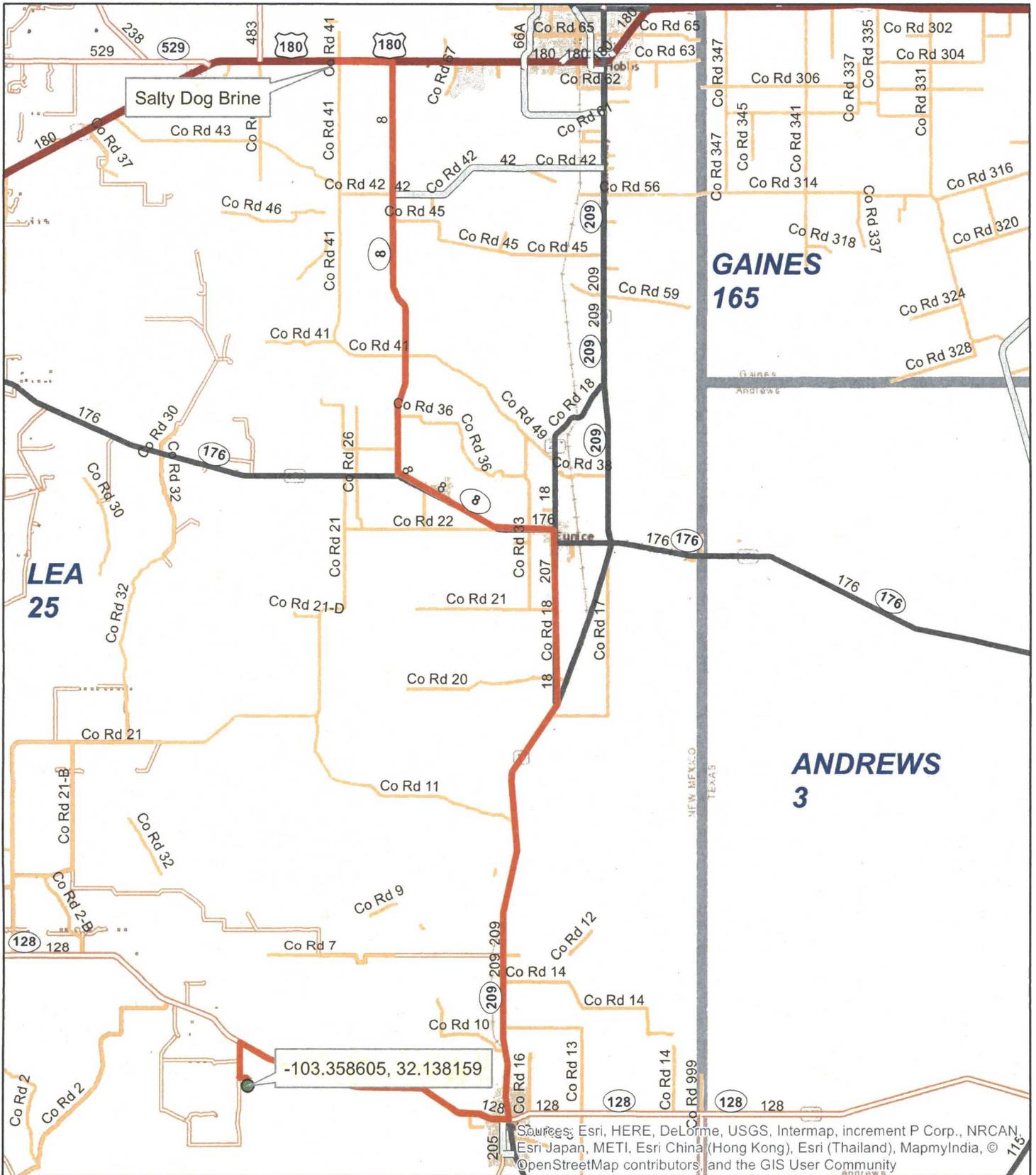
Date: 10/31/2016
 Author: Whitney McDonald
 State: New Mexico
 County: Lea

WGS 1984 Web Mercator Auxiliary Sphere
 Projection: Mercator Auxiliary Sphere
 Datum: WGS 1984
 False Easting: 0.0000
 False Northing: 0.0000
 Standard Parallel 1: 0.0000
 Auxiliary Sphere Type: 0.0000
 Units: Meter

- Legend**
- Road_to_Montera_Rockhouse
 - Esri_Roads_Clip
 - Road Classification**
 - Freeway or Other Major Road
 - Major Road Less Important than a Freeway
 - Other Major Road
 - Secondary Road
 - Local Connecting Road
 - Important Local Road

Route from Rockhouse to Montera Fed 23H





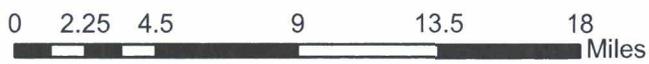
CONCHO

Salty Dog Brine to Montera Fed #23H

Date: 10/31/2016 WGS 1984 Web Mercator Auxiliary Sphere
 Author: Whitney McDonald Projection: Mercator Auxiliary Sphere
 State: New Mexico Datum: WGS 1984
 County: Lea False Easting: 0.0000
 Disclaimer: This is not a legal survey document False Northing: 0.0000
 Standard Parallel 1: 0.0000
 Auxiliary Sphere Type: 0.0000
 Units: Meter

- Legend**
- Salty_dog_to_Montera
 - Geodatabase_SDE_DATA_OWNER.STG_INF_Roads_WGS84
- Esri_Roads_Clip**
- Road Classification**
- Freeway or Other Major Road
 - Major Road Less Important than a Freeway
 - Other Major Road
 - Secondary Road
 - Local Connecting Road
 - Important Local Road

Route from SaltyDog Brine to Montera Fed 23H



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

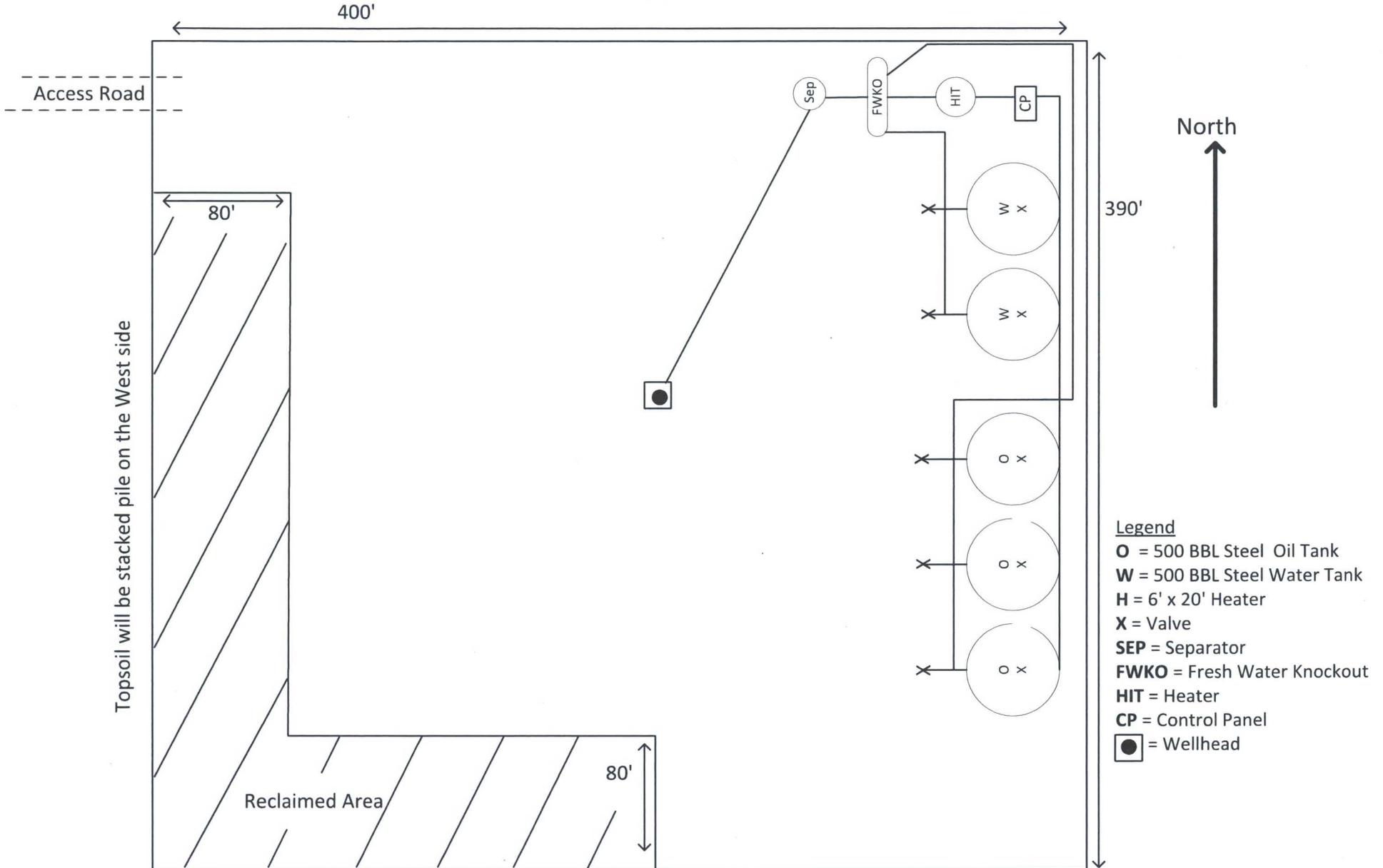


COG Operating LLC.
2208 W Main St.
Artesia, NM 88210

Well Site Layout Production Facility Layout

Montera Federal #23H
Section 10 - 25S - 35E

Exhibit 3



DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 746-1283 Fax: (575) 746-9720

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 and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-	Pool Code 17980	Pool Name Dogie Draw; Wolfcamp
Property Code	Property Name MONTERA FEDERAL	Well Number 23H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3221'

Surface Location

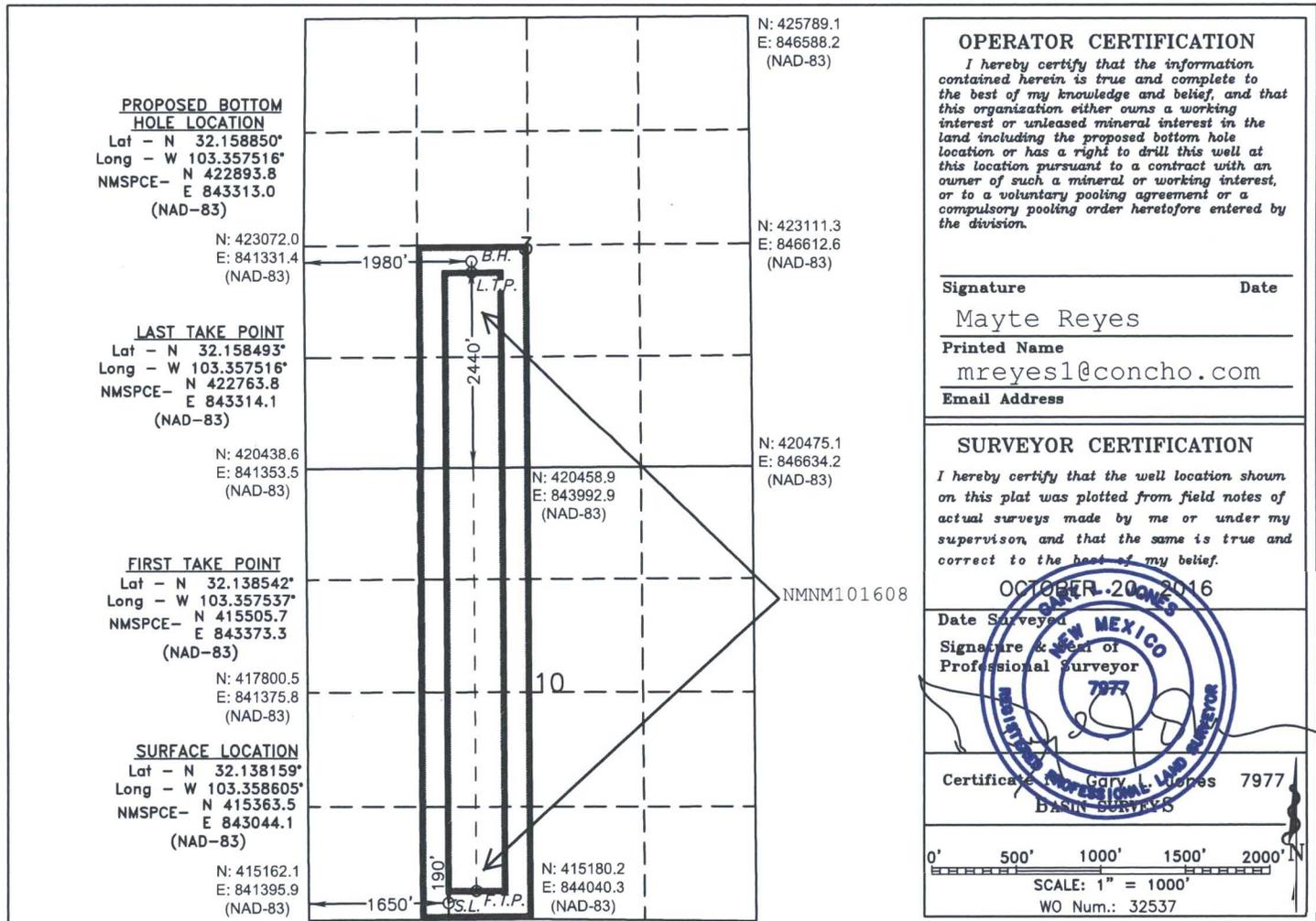
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	25 S	35 E		190	SOUTH	1650	WEST	LEA

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
K	3	25 S	35 E		2440	SOUTH	1980	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

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 contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

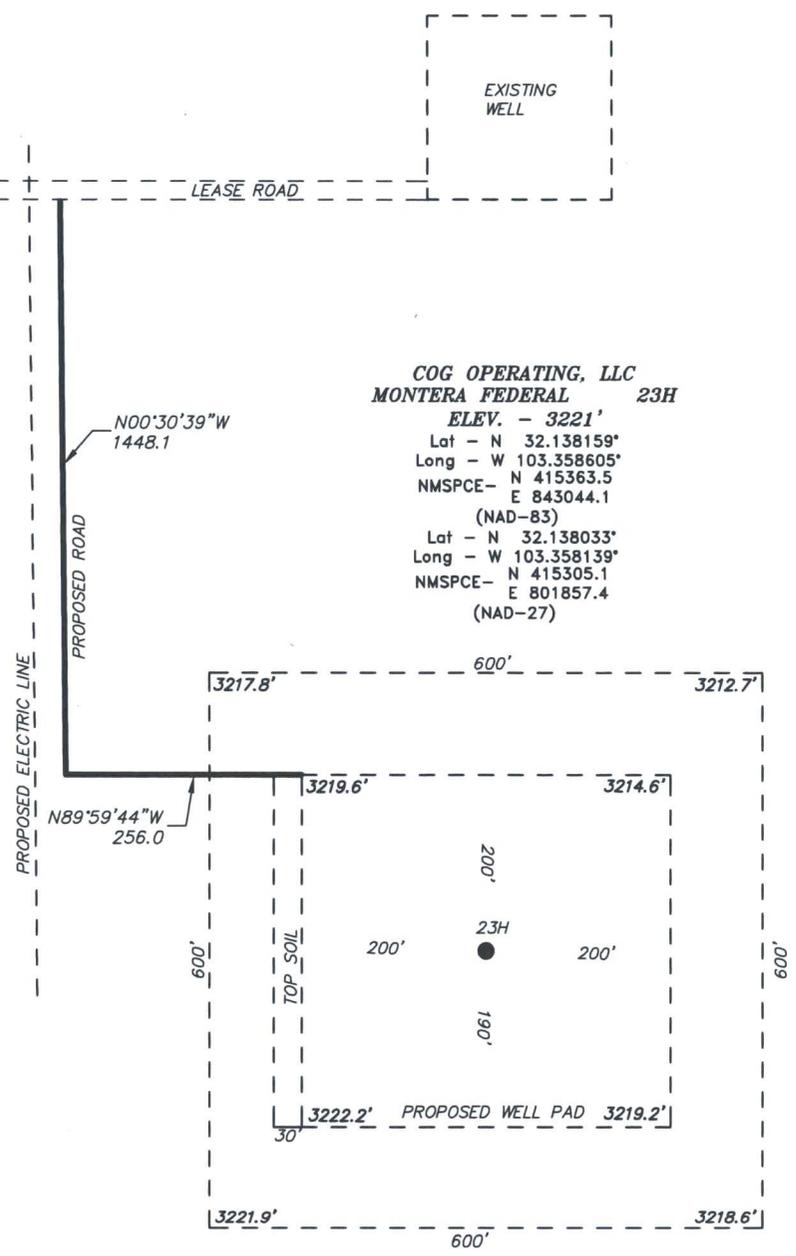
Signature: _____ Date: _____
Mayte Reyes
Printed Name: mreyes1@concho.com
Email Address: _____

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.

OCTOBER 20 2016
Date Surveyed
Signature & Seal of Professional Surveyor
7977
Certificate No. Gary Jones 7977
BASIN SURVEYS

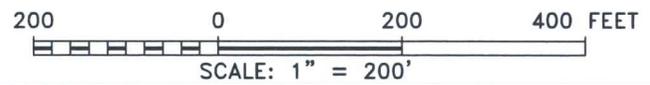
0' 500' 1000' 1500' 2000' IN
SCALE: 1" = 1000'
WO Num.: 32537

Section 10, Township 25 South, Range 35 East, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



COG OPERATING, LLC
MONTERA FEDERAL 23H
 ELEV. - 3221'
 Lat - N 32.138159°
 Long - W 103.358605°
 NMSPCE- N 415363.5
 E 843044.1
 (NAD-83)
 Lat - N 32.138033°
 Long - W 103.358139°
 NMSPCE- N 415305.1
 E 801857.4
 (NAD-27)

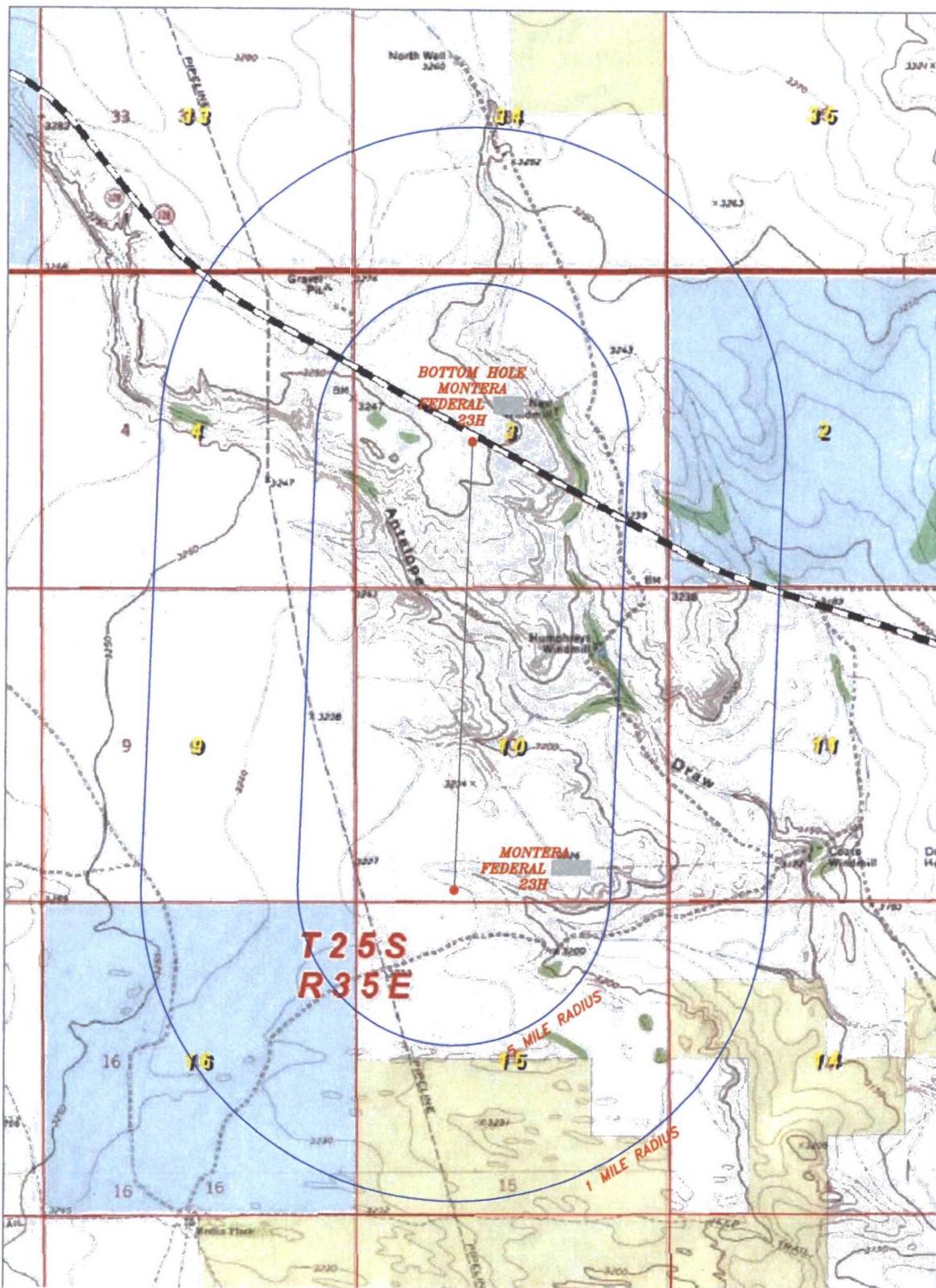
JAL, NM IS ±10 MILES TO THE SOUTHEAST OF LOCATION.



COG OPERATING, LLC	
REF:	MONTERA FEDERAL 23H / WELL PAD TOPO
THE MONTERA FEDERAL 23H LOCATED 190' FROM THE SOUTH LINE AND 1650' FROM THE WEST LINE OF SECTION 10, TOWNSHIP 25 SOUTH, RANGE 35 EAST. N.M.P.M., LEA COUNTY, NEW MEXICO.	



P.O. Box 1786 (575) 393-7316 - Office
 1120 N. West County Rd. (575) 392-2206 - Fax
 Hobbs, New Mexico 88241 basin-surveys.com

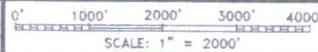


MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

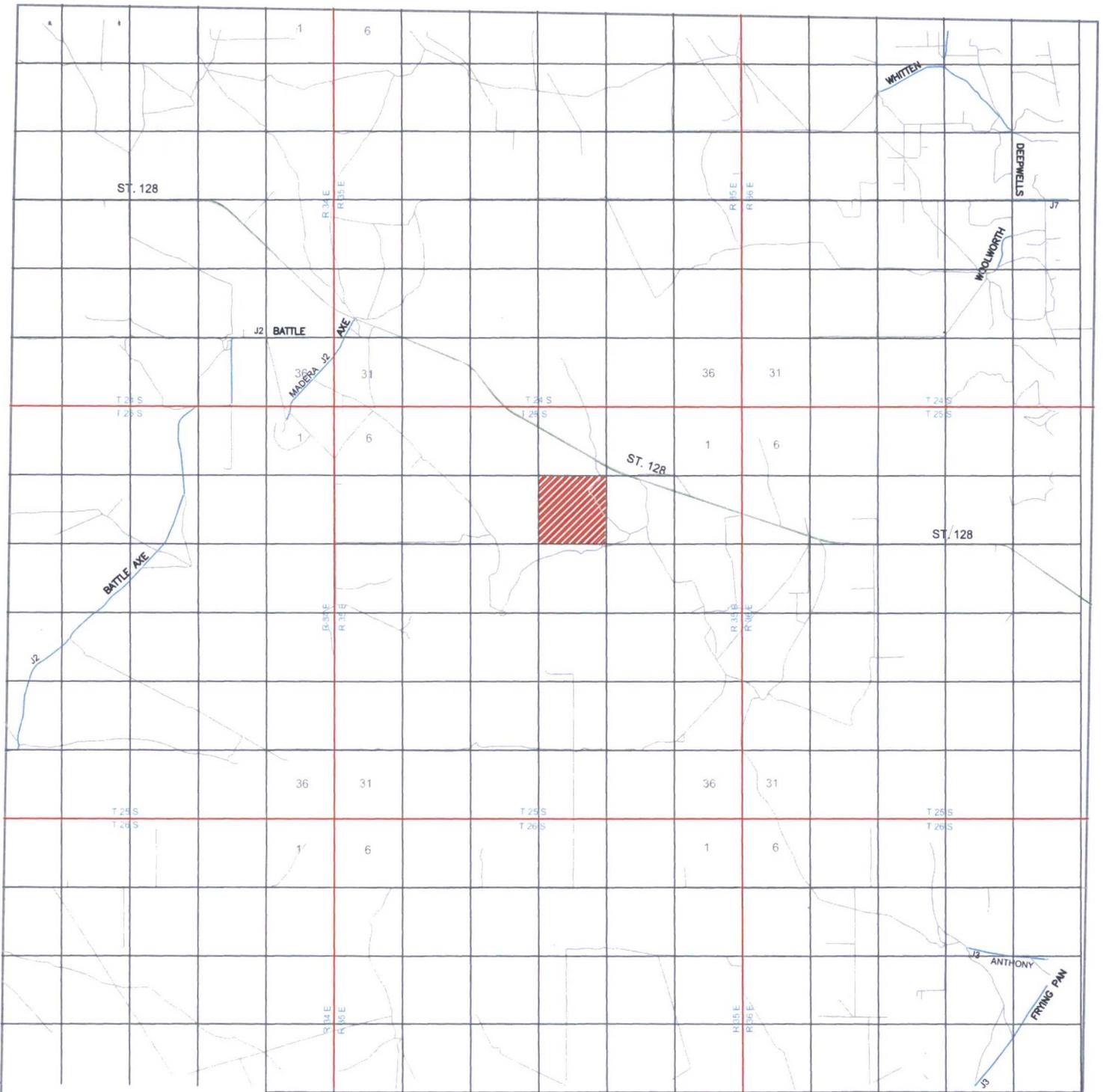


W.O. Number: JG 32470
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**



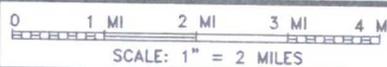
MONTERA FEDERAL 23H

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

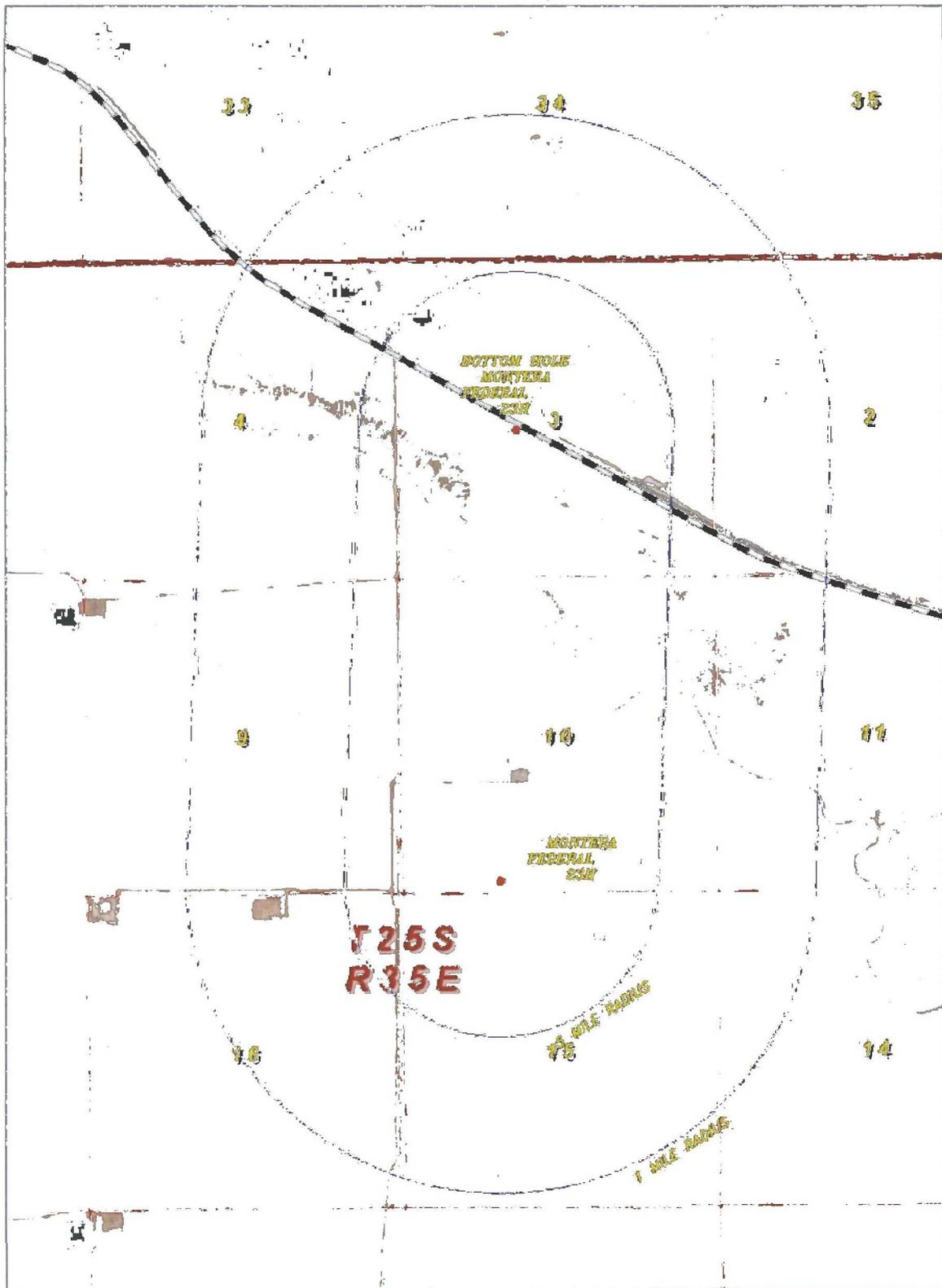


W.O. Number: JG 32470
 Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND

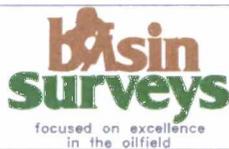


**COG
 OPERATING,
 LLC**

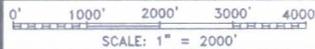


MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com



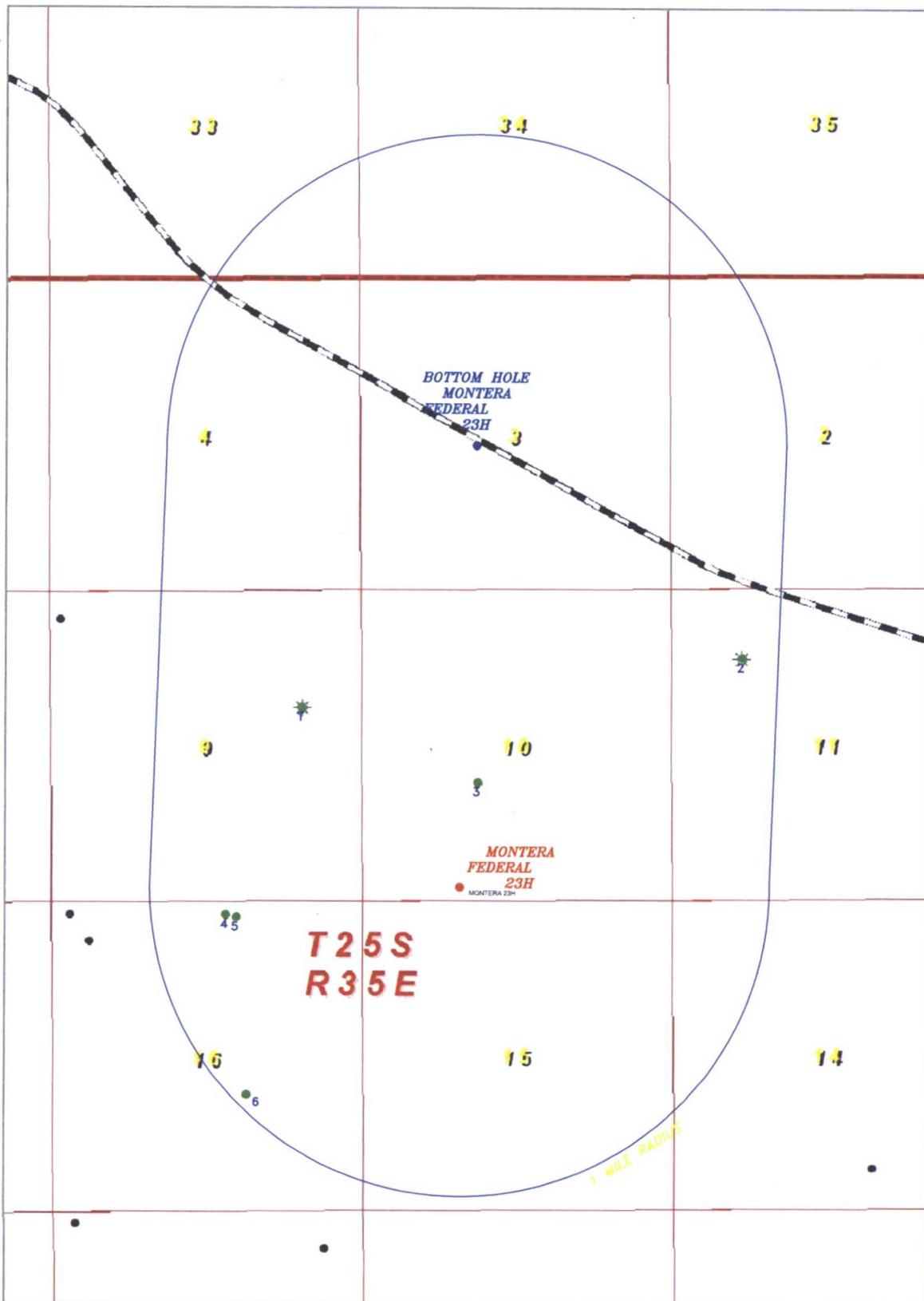
W.O. Number: JG 32470

Survey Date: 9-16-2016

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**



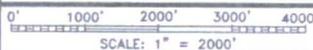
MONTERA FEDERAL 23H AND BOTTOM HOLE LOCATION

Located 190' FSL and 1980' FWL
 Section 10, Township 25 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

- SURFACE LOCATION
- BOTTOMHOLE
- WELLS WITHIN 1 MILE RADIUS



W.O. Number: JG 32470

Survey Date: 9-16-2016

**COG
 OPERATING,
 LLC**

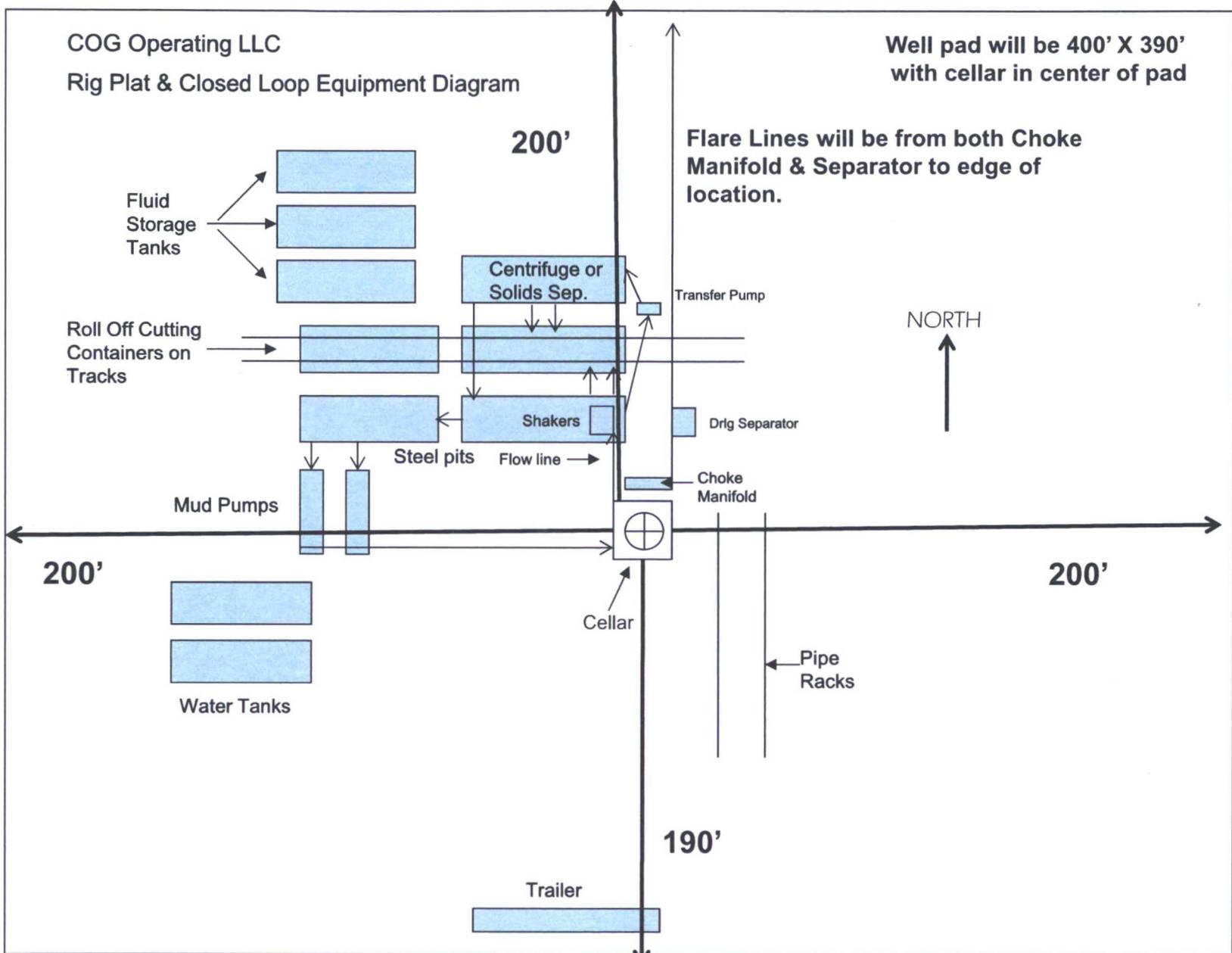


Exhibit 1

"I further certify that COG will comply with Rule 19.15.17 NMAC by using a Closed Loop System."