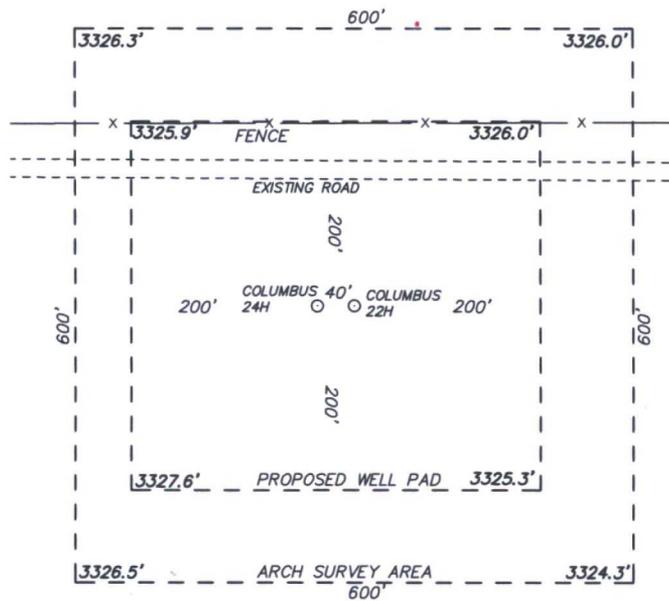


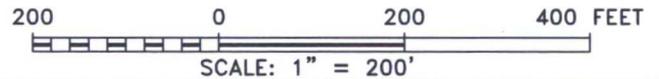
Section 34, Township 25 South, Range 33 East, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



COG OPERATING, LLC
COLUMBUS FEDERAL COM #22H
 ELEV. - 3325'
 Lat - N 32.093562'
 Long - W 103.555386'
 NMSPC - N 398630.6
 E 740917.6
 (NAD-27)
 Lat - N 32.093687'
 Long - W 103.555855'
 NMSPC - N 398688.2
 E 782104.2
 (NAD-83)



JAL, NM IS ±21 MILES TO THE EAST OF LOCATION.

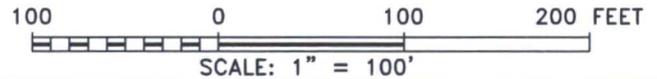
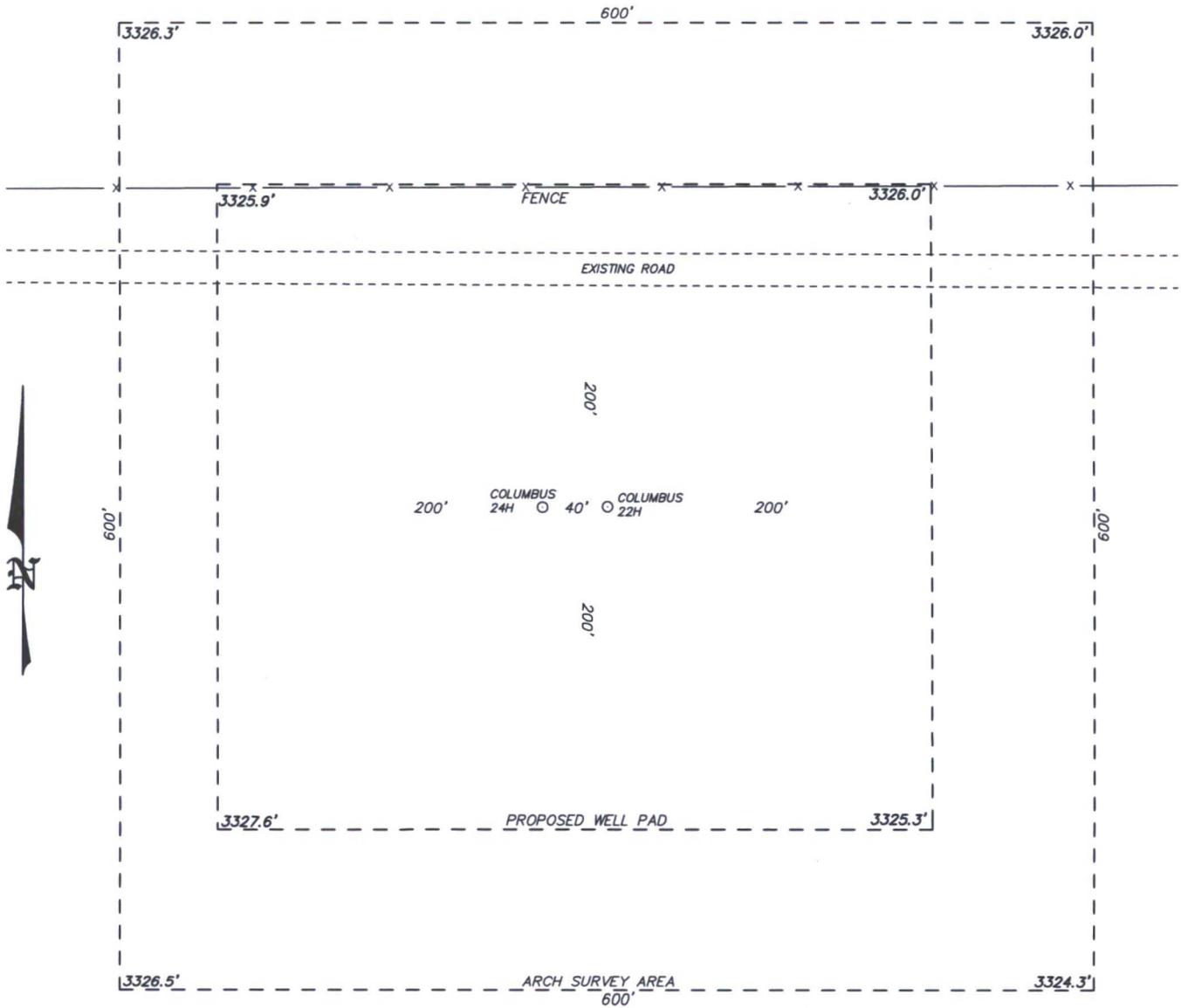


COG OPERATING, LLC
 REF: COLUMBUS FEDERAL COM #22H / WELL PAD TOPO
 THE COLUMBUS FEDERAL COM #22H LOCATED 210' FROM
 THE NORTH LINE AND 1300' FROM THE EAST LINE OF
 SECTION 34, TOWNSHIP 25 SOUTH, RANGE 33 EAST.
 N.M.P.M., LEA COUNTY, NEW MEXICO.



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

Section 34, Township 25 South, Range 33 East, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

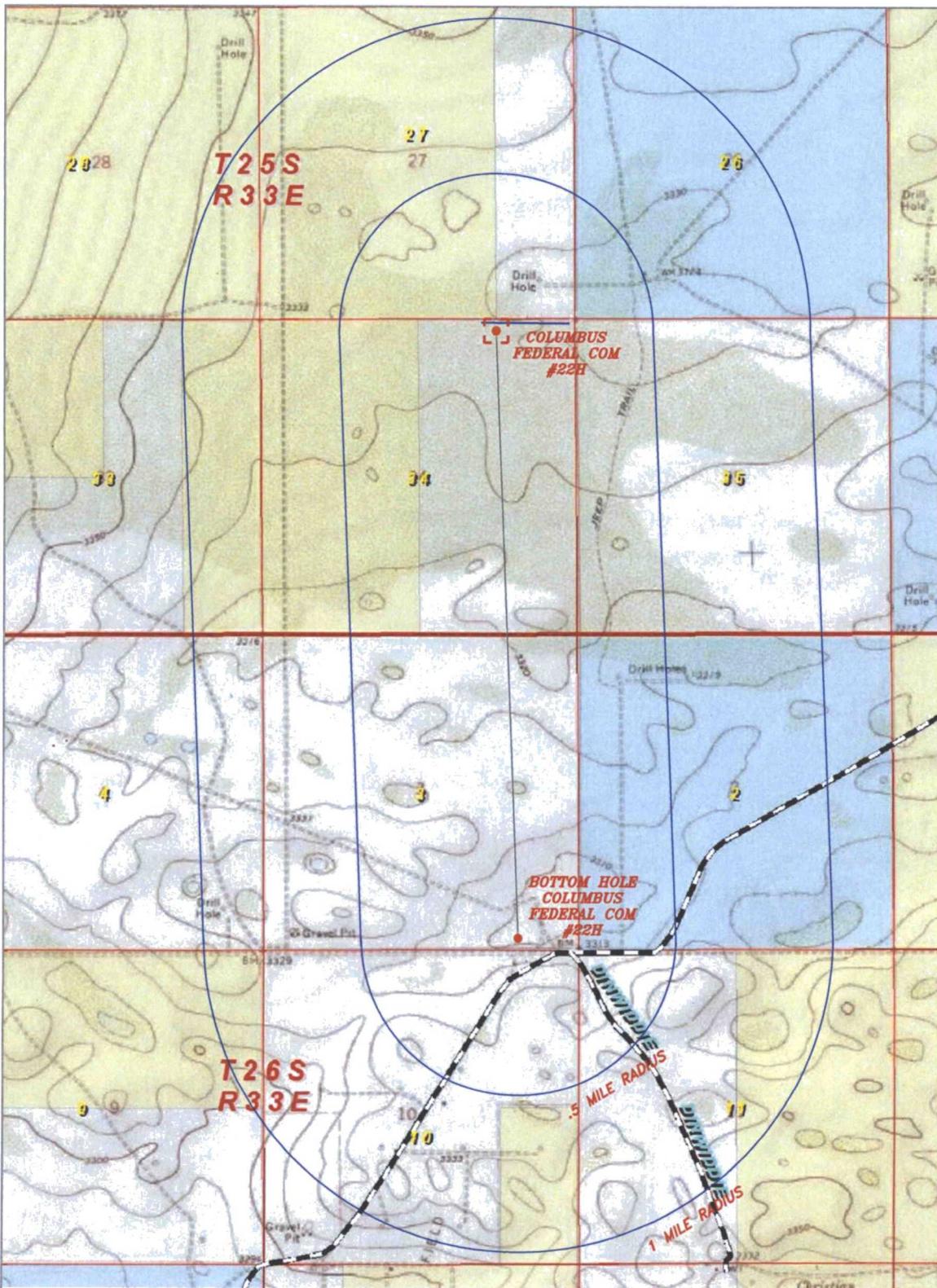


COG OPERATING, LLC

REF: COLUMBUS FEDERAL COM #22H / WELL PAD TOPO

THE COLUMBUS FEDERAL COM #22H LOCATED 210' FROM
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COLUMBUS FEDERAL COM #22H AND BOTTOM HOLE LOCATION

Located 210' FNL and 1300' FEL
 Section 34, Township 25 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.



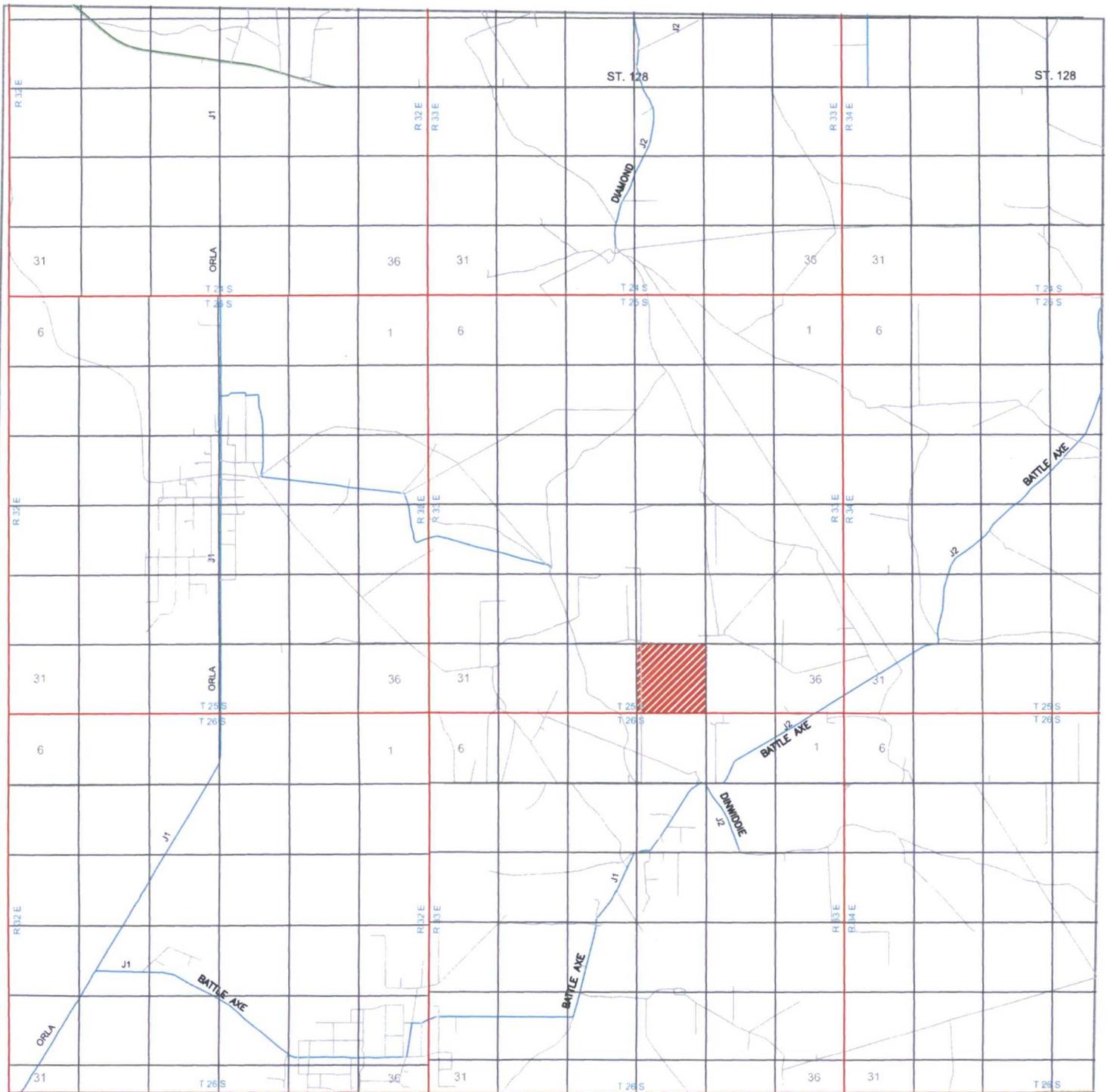
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W.O. Number: JG 32526
 Survey Date: 10-10-2016
 YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



**COG
 OPERATING,
 LLC**



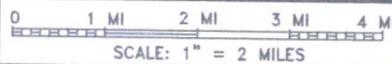
COLUMBUS FEDERAL COM #22H

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SCALE: 1" = 2 MILES

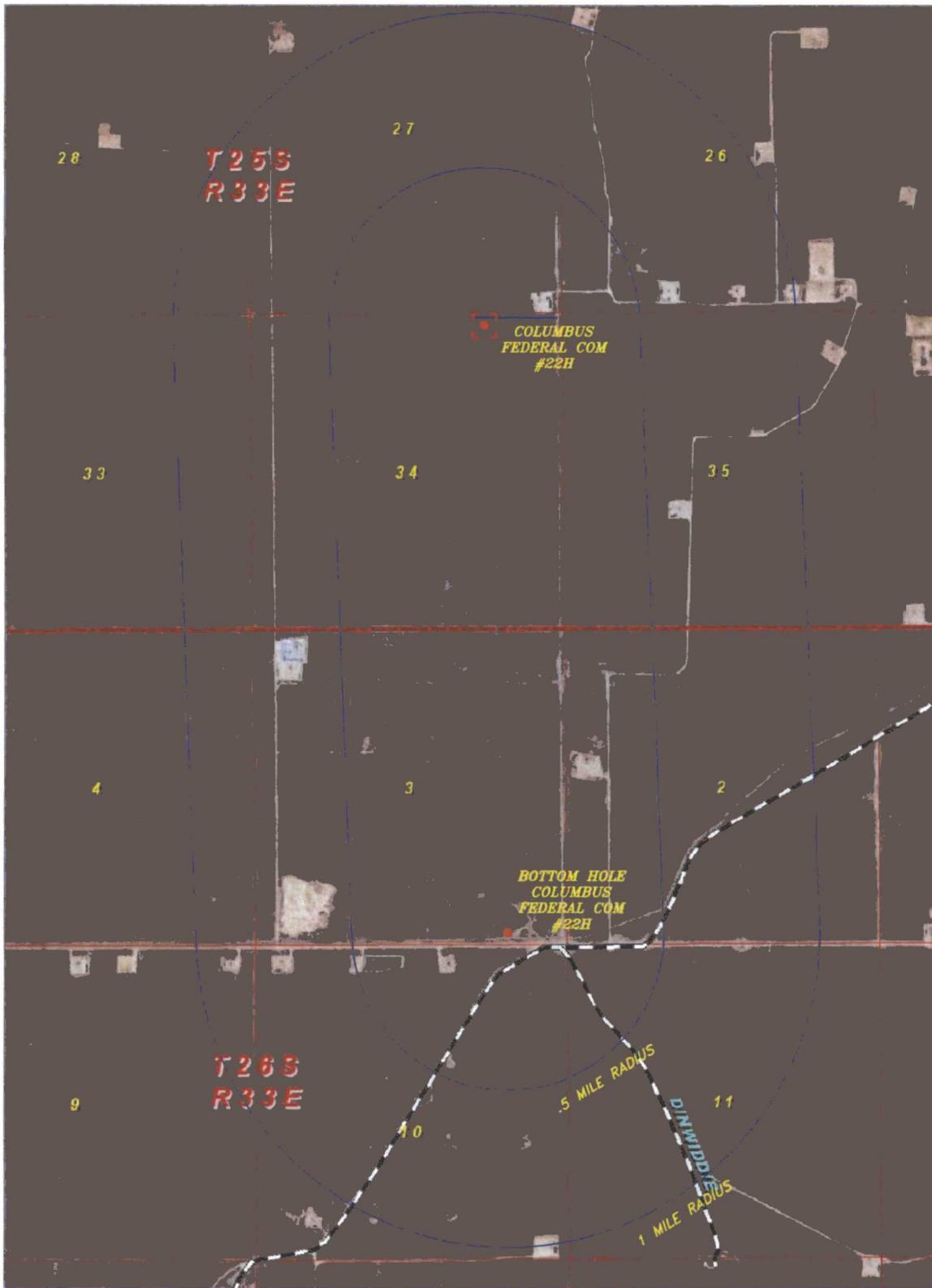
W.O. Number: JG 32526

Survey Date: 10-10-2016

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



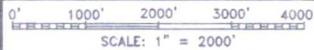
**COG
 OPERATING,
 LLC**



COLUMBUS FEDERAL COM #22H AND BOTTOM HOLE LOCATION
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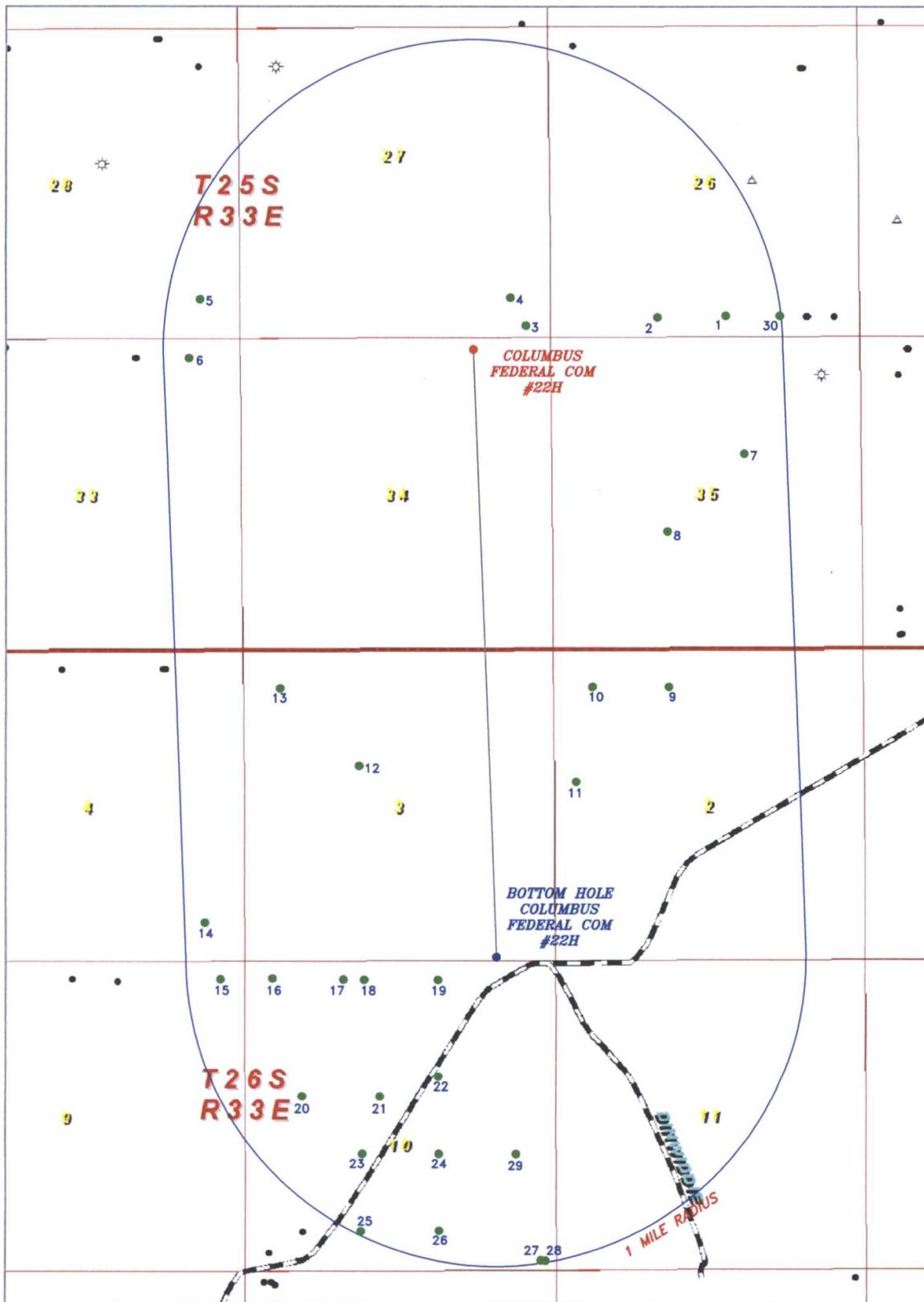


W.O. Number: JG 32526
 Survey Date: 10-10-2016

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



**COG
 OPERATING,
 LLC**



COLUMBUS FEDERAL COM #22H AND BOTTOM HOLE LOCATION

Located 210' FNL and 1300' FEL
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- - SURFACE LOCATION
- - BOTTOMHOLE
- - WELLS WITHIN 1 MILE RADIUS

0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

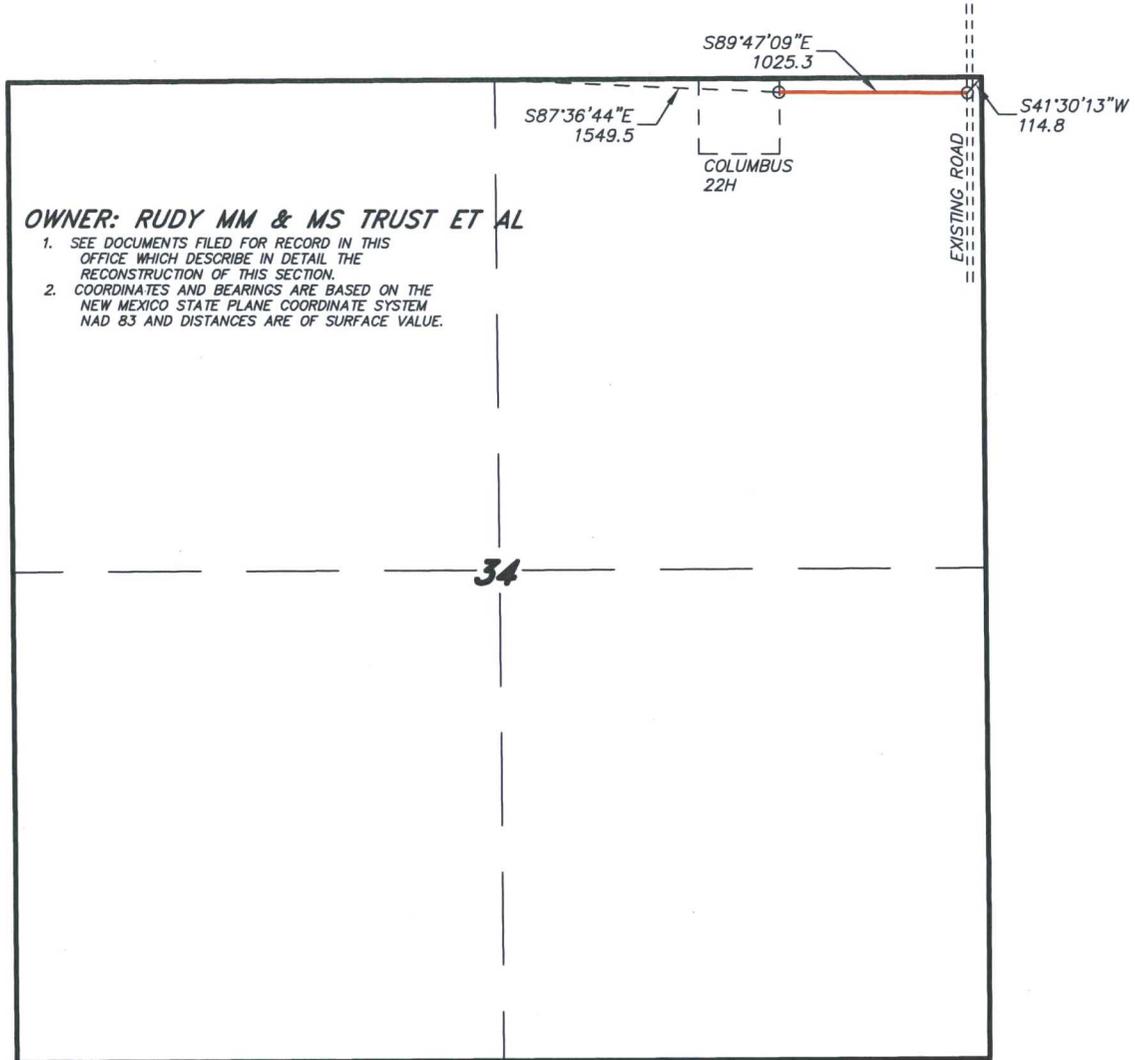
W.O. Number: JG 32526

Survey Date: 10-10-2016



**COG
 OPERATING,
 LLC**

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



OWNER: RUDY MM & MS TRUST ET AL

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 34, TOWNSHIP 25 SOUTH, RANGE 33 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 S87°36'44"E., 1549.5 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 34; THENCE S89°47'09"E., 1025.3 FEET TO THE END OF THIS LINE WHICH LIES S41°30'13"W., 114.8 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 34. SAID STRIP OF LAND BEING 1025.3 FEET OR 62.14 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
 PROFESSIONAL LAND SURVEYOR
 No. 7977
 No. 5074



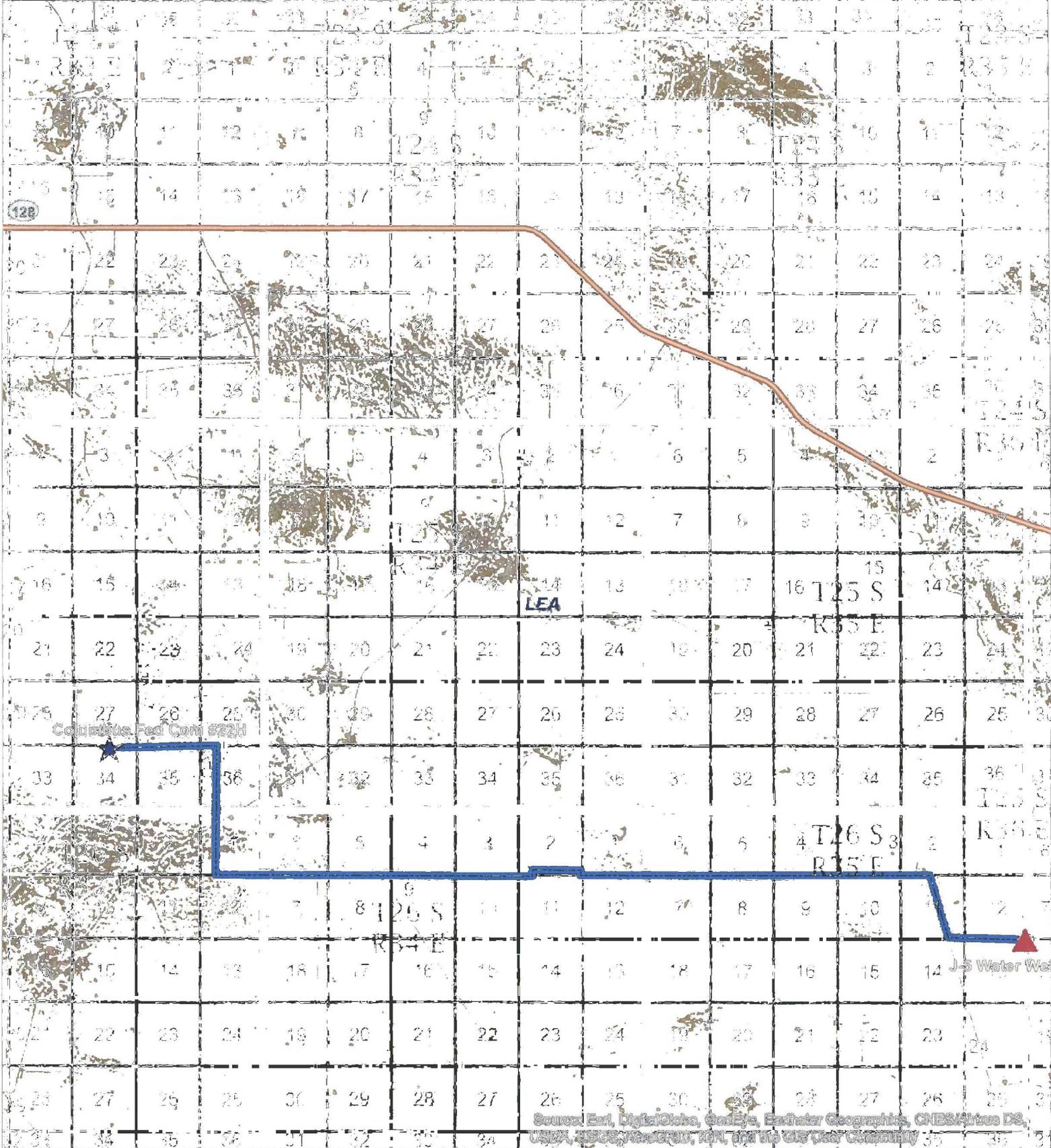
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 1120 N. West County Rd. (575) 392-2206 - Fax
 Hobbs, New Mexico 88241 basin-surveys.com



COG OPERATING LLC

REF: COLUMBUS FEDERAL COM 22H ROAD

A PIPELINE LOCATED ON FEE LAND IN
 SECTION 34, TOWNSHIP 25 SOUTH, RANGE 33 EAST,
 N.M.P.M., LEA COUNTY, NEW MEXICO.



CONCHO

*Columbus Federal Com #22H
Water Transfer Route*

Date: 11/3/2018
 Author: Whytnie McDonald
 State: New Mexico
 County: Eddy

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 This is not a legal survey document.

Map Legend

 Route



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, AeroGRID, IGN, and the GIS User Community