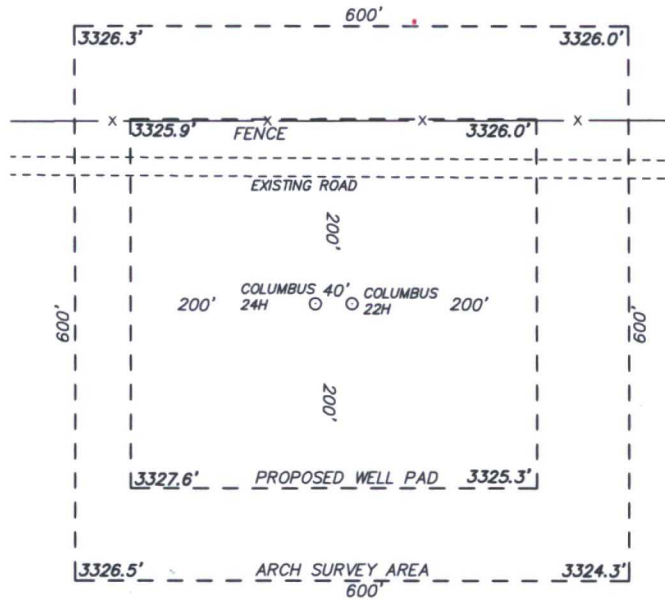


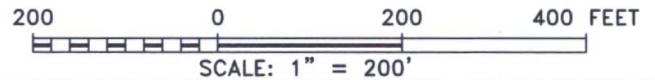
Section 34, Township 25 South, Range 33 East, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



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



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



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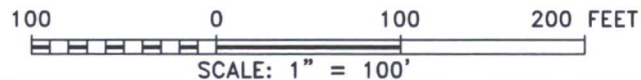
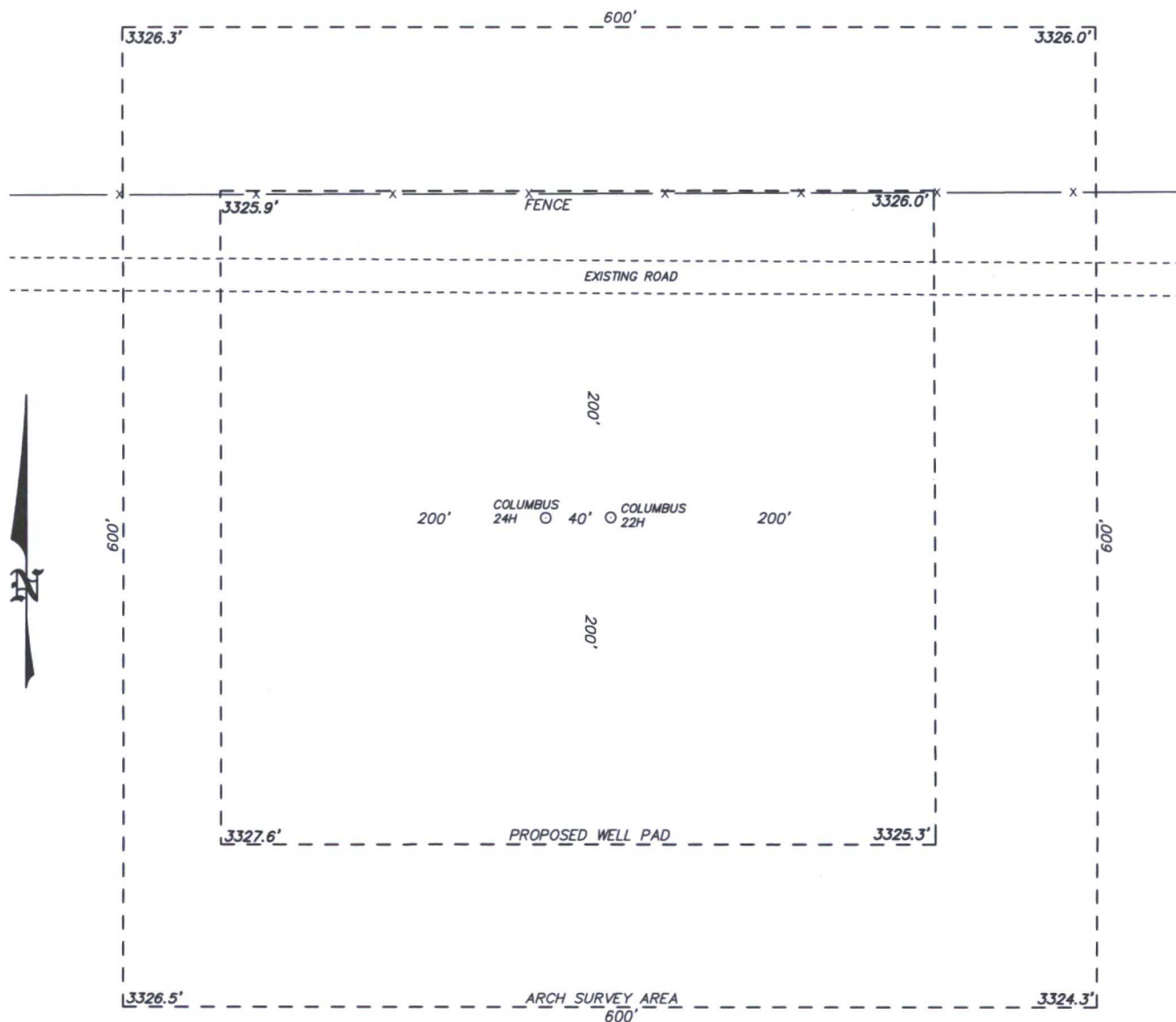
REF: COLUMBUS FEDERAL COM #22H / WELL PAD TOPO

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.

W.O. Number: 32526	Drawn By: J GOAD	Date: 10-11-2016	Survey Date: 10-10-2016	Sheet 1 of 1 Sheets
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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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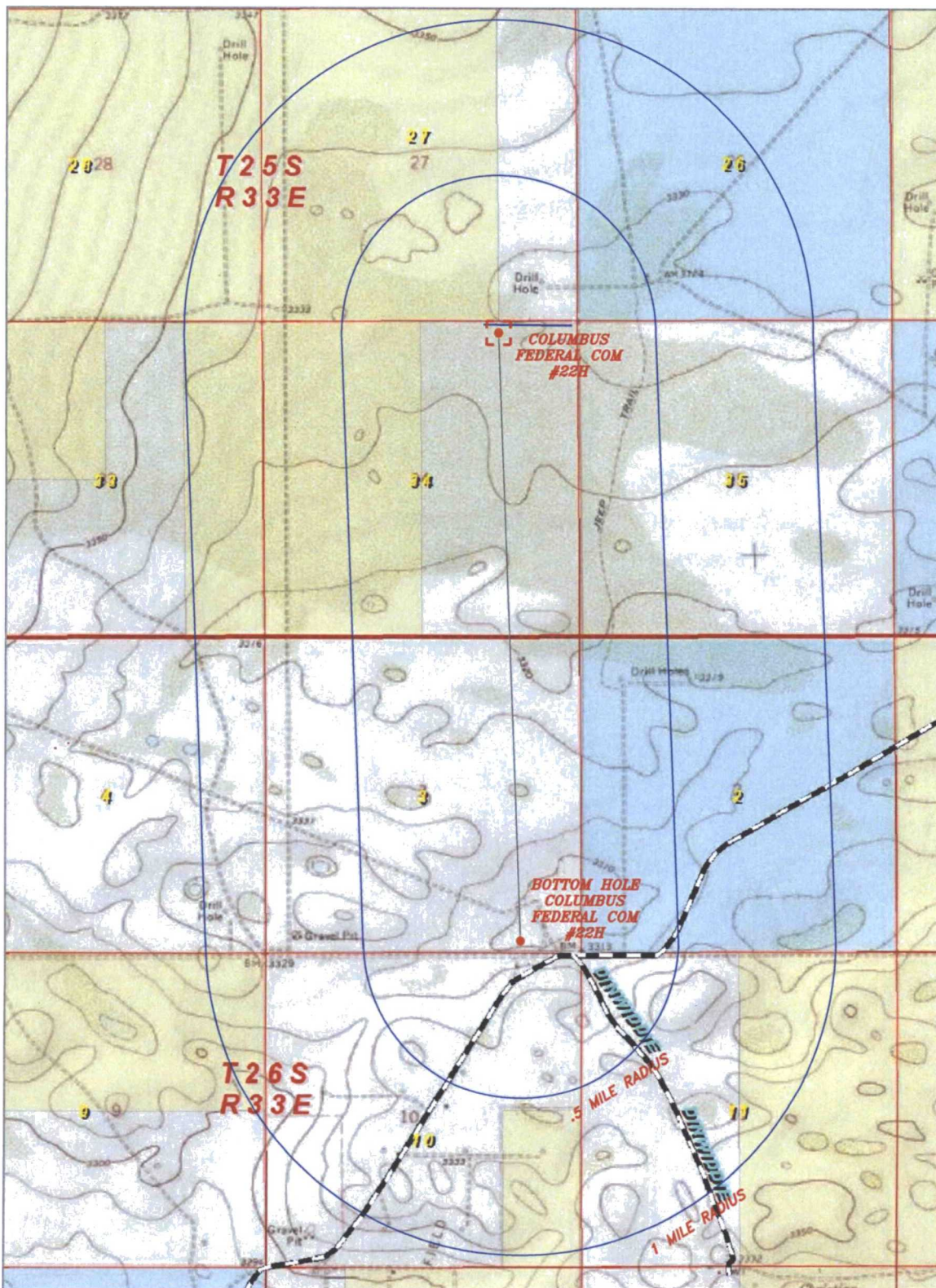
W.O. Number: 32526

Drawn By: J GOAD

Date: 10-11-2016

Survey Date: 10-10-2016

Sheet 1 of 1 Sheets



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.

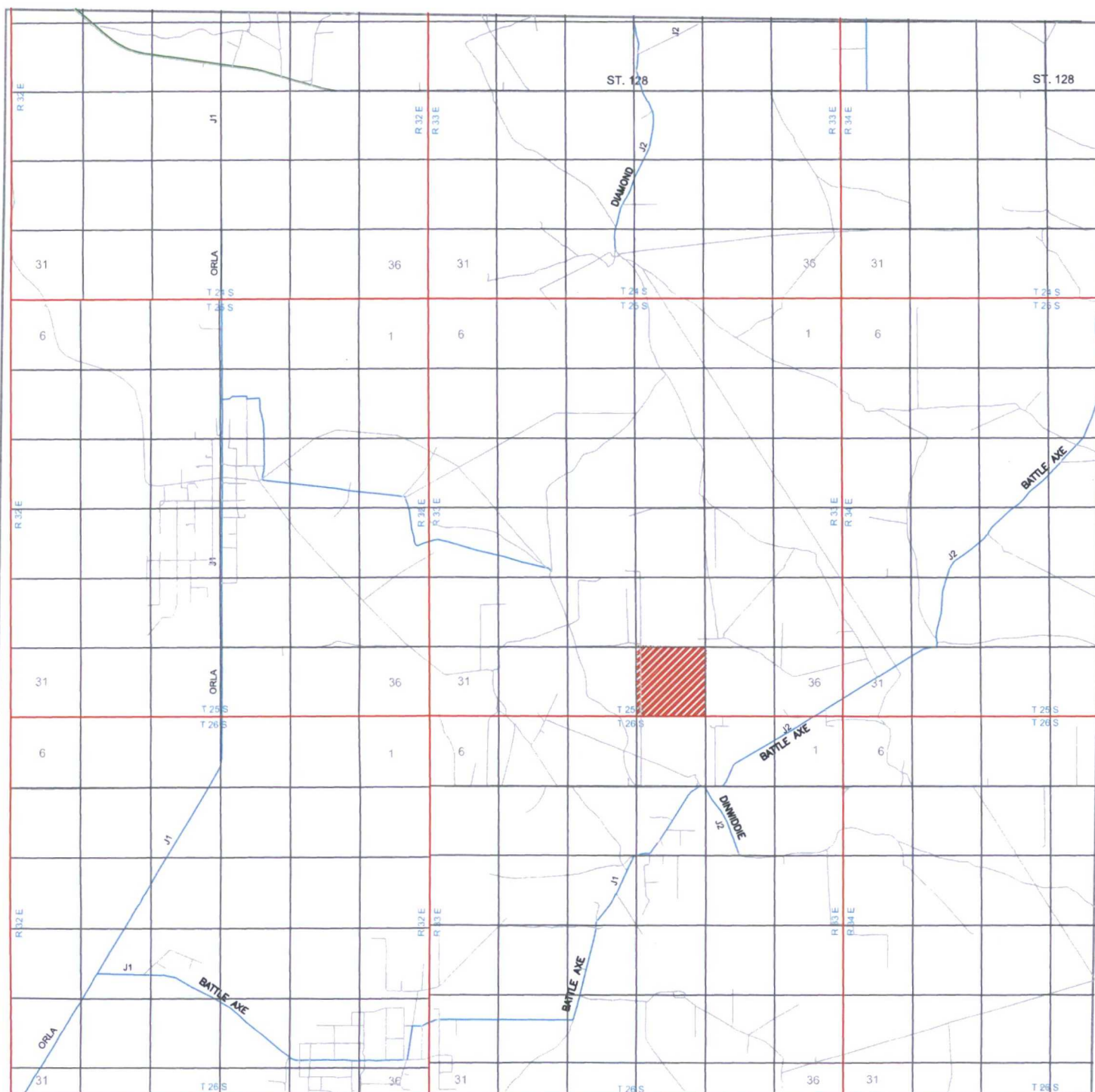
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0' 1000' 2000' 3000' 4000'
 SCALE: 1" = 2000'
 W.O. Number: JG 32526
 Survey Date: 10-10-2016
 YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND



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COLUMBUS FEDERAL COM #22H

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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0 1 MI 2 MI 3 MI 4 MI
 SCALE: 1" = 2 MILES

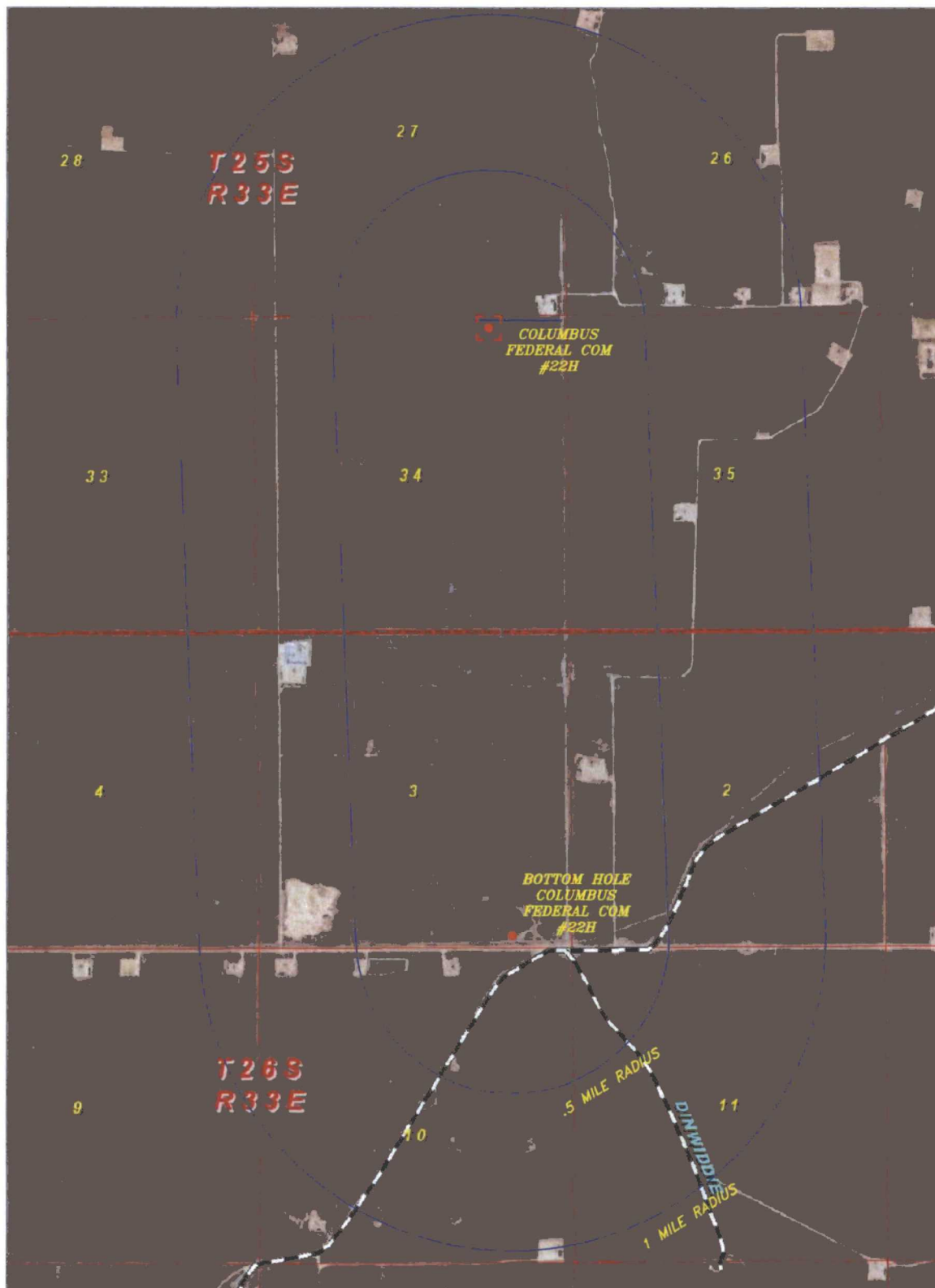
W.O. Number: JG 32526

Survey Date: 10-10-2016

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



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COLUMBUS FEDERAL COM #22H AND BOTTOM HOLE LOCATION

Located 210' FNL and 1300' FEL
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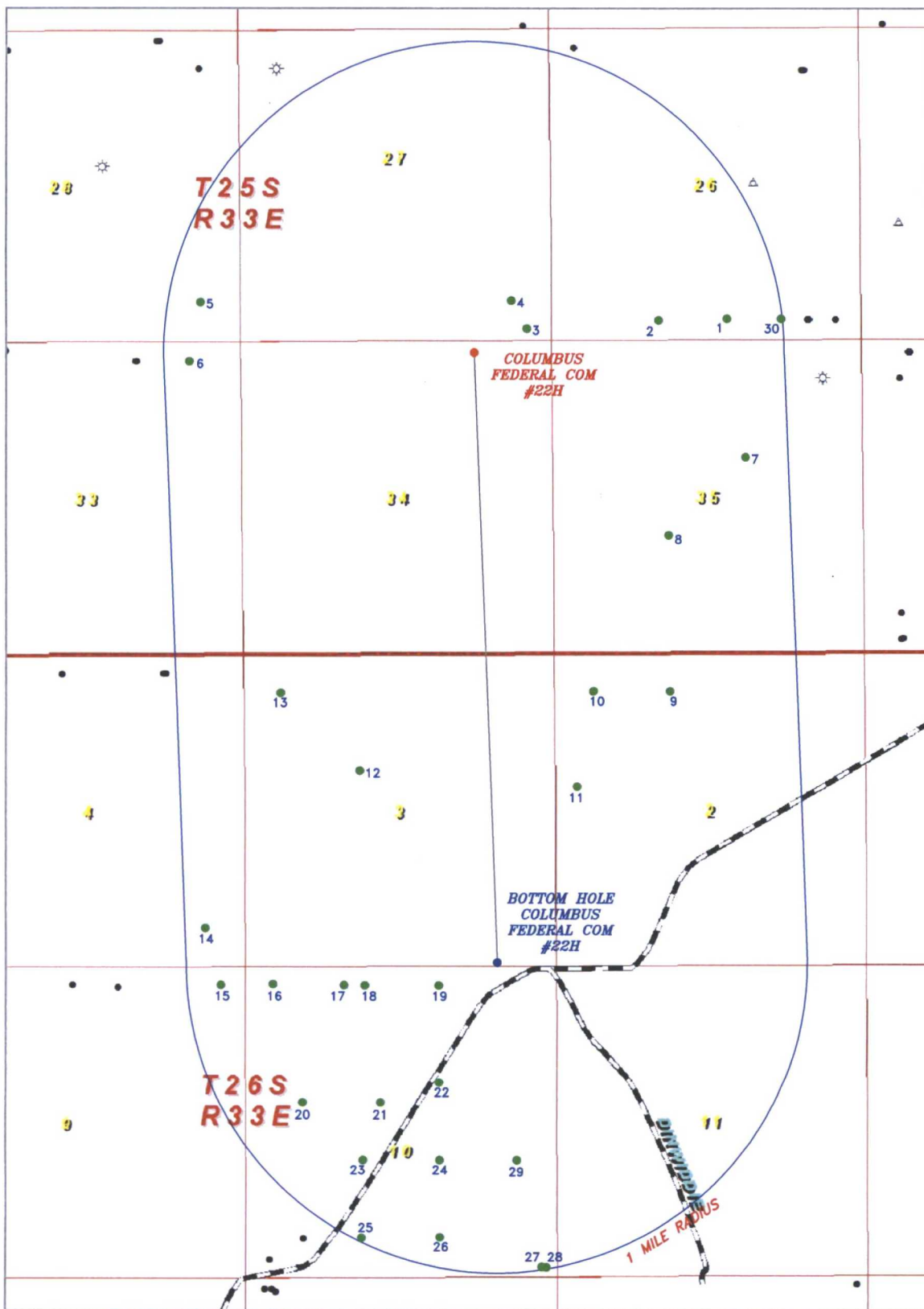
0' 1000' 2000' 3000' 4000'
 SCALE: 1" = 2000'

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

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



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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'

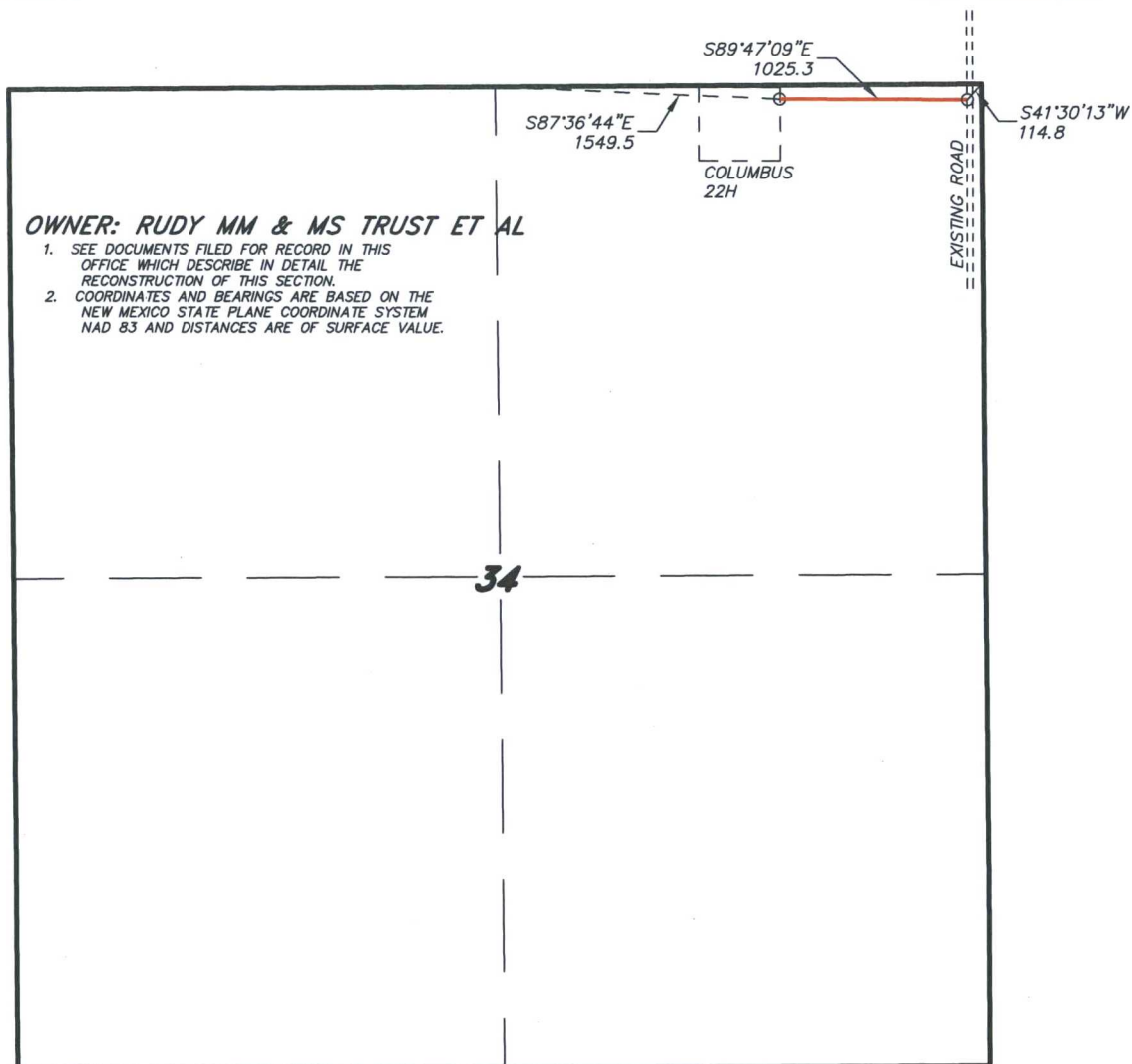
W.O. Number: JG 32526

Survey Date: 10-10-2016



**COG
 OPERATING,
 LLC**

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



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, P.S.

No. 7977

No. 5074

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1000 0 1000 2000 FEET

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.

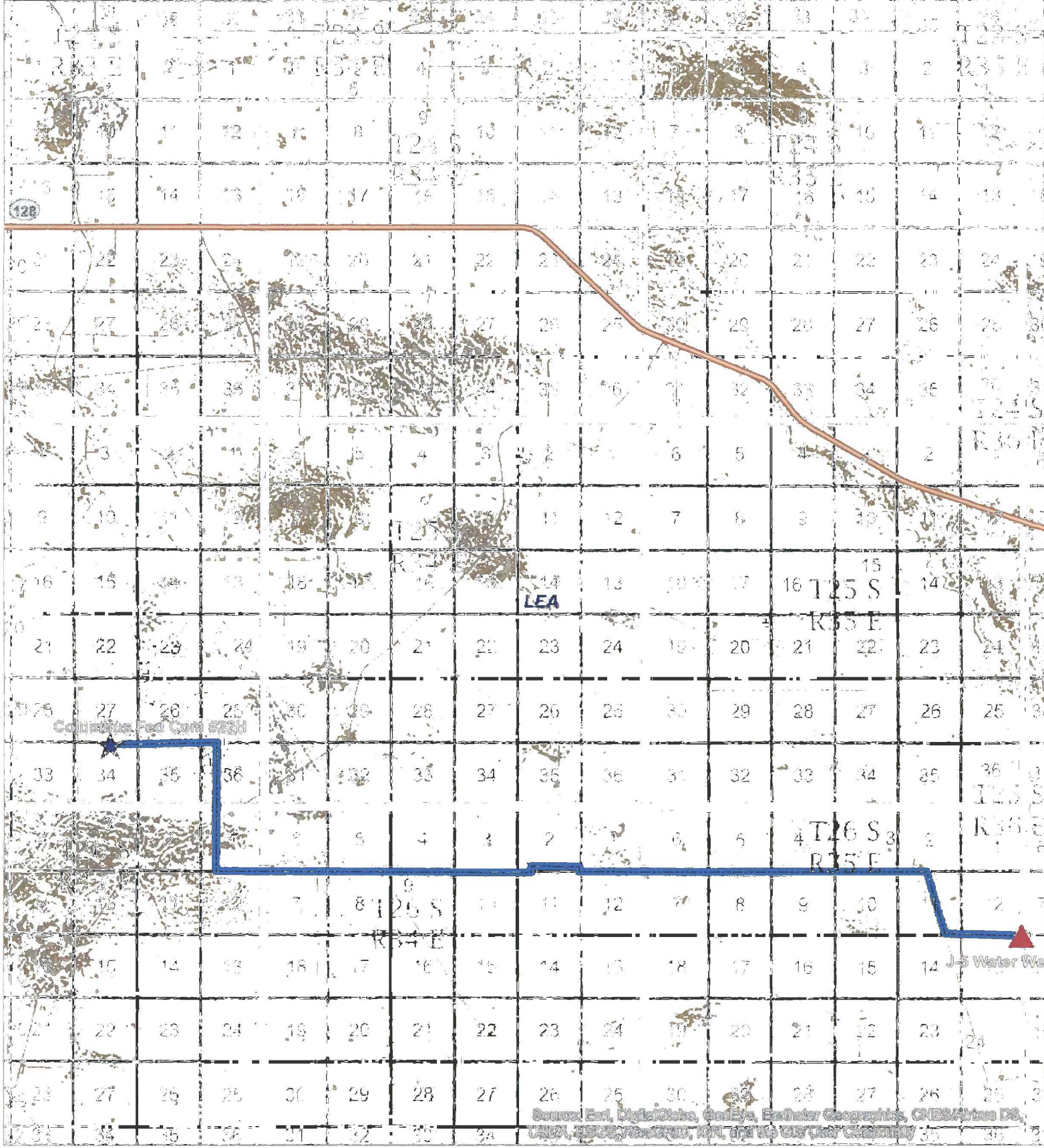
W.O. Number: 32526


Drawn By: J. GOAD

Date: 10-24-2016

Survey Date: 10-10-2016

Sheet 1 of 1 Sheets




CONCHO

Columbus Federal Com #22H
Water Transfer Route

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

Disclaimer: This is not a legal survey of record.
 Scale: 1:250,000

Map Legend

 Route



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