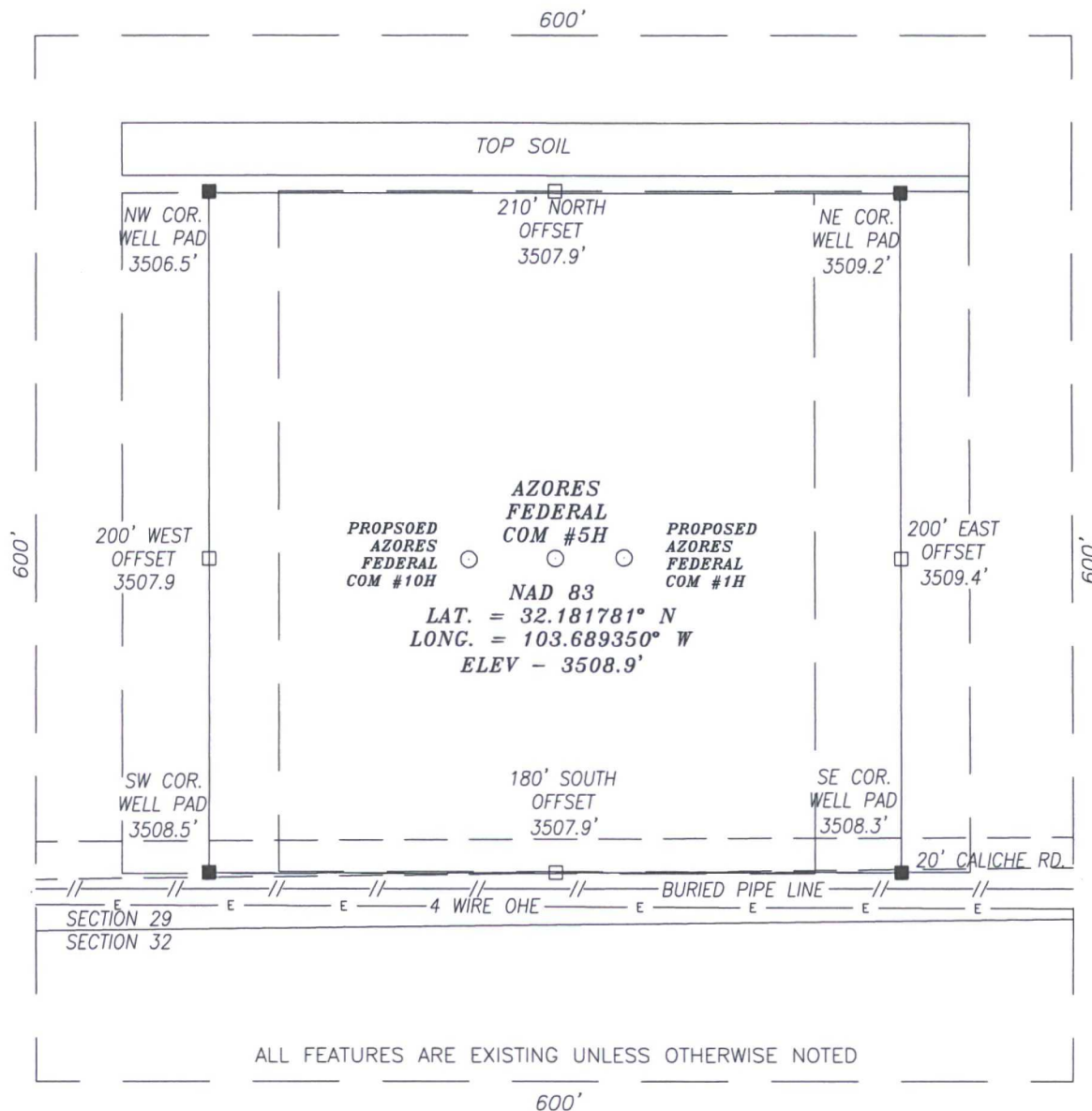


SECTION 29, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF HWY 128 AND ORLA RD (J-1) GO SOUTH ON ORLA ROAD FOR APPROX. 2.4 MILES; THEN TURN RIGHT AND GO APPROX. 1.1 MILES; PROPOSED WELL IS APPROX. 180 FEET NORTH.

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CERTIFICATION

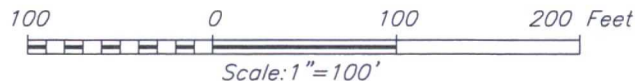
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



Chad Harcrow

CHAD HARCROW N.M.P.S. NO. 17777

9/15/16
DATE



COG PRODUCTION, LLC

AZORES FEDERAL COM #5H WELL
LOCATED 210 FEET FROM THE SOUTH LINE
AND 370 FEET FROM THE EAST LINE OF SECTION 29,
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: NOV. 30, 2015

PAGE: 1 OF 1

DRAFTING DATE: SEPT. 14, 2016

APPROVED BY: CH

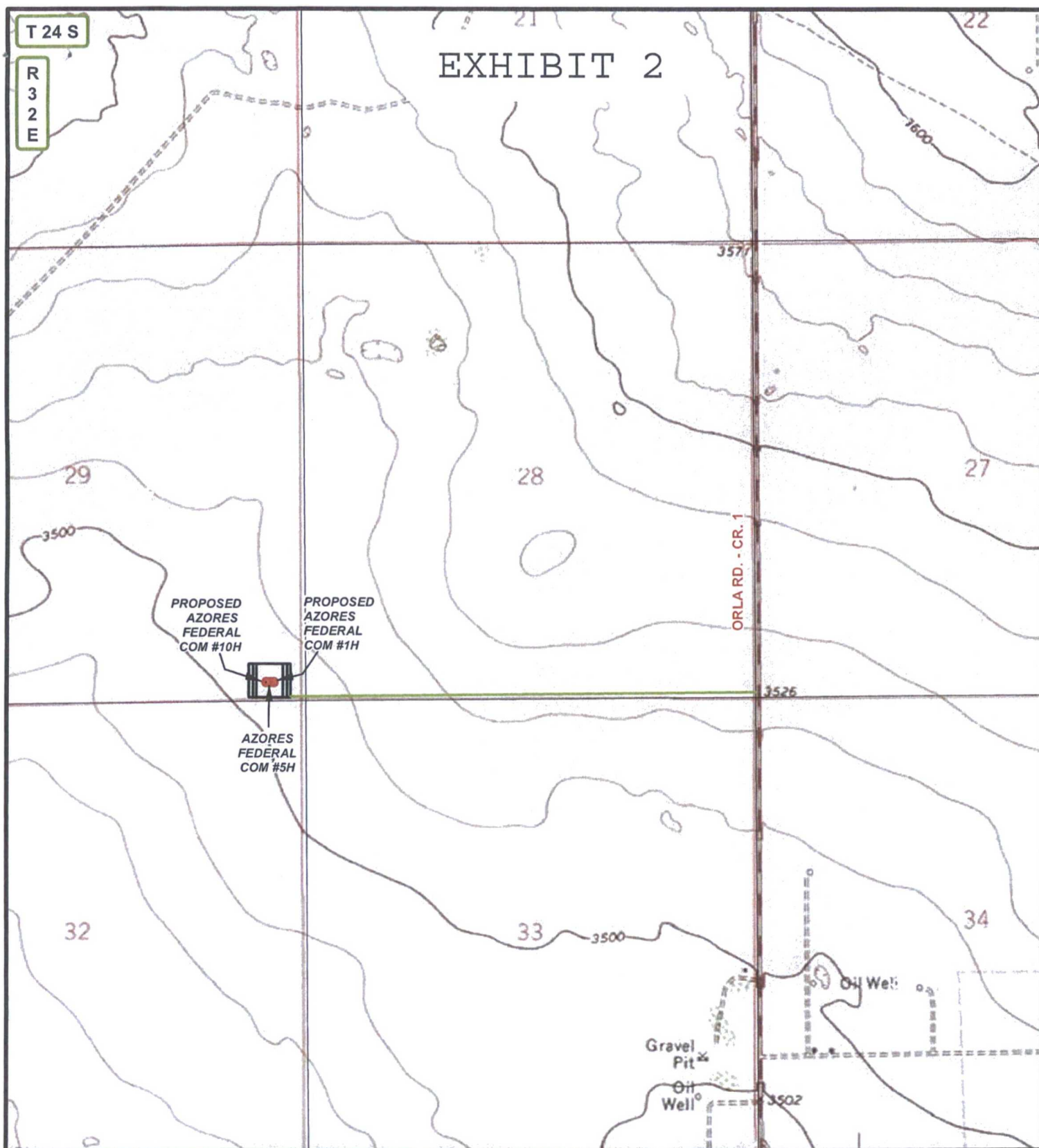
DRAWN BY: JR

FILE: 16-718

T 24 S

R 32 E

EXHIBIT 2



LEGEND



WELL



WELLPAD



EXISTING ROAD

AZORES FEDERAL COM #5H

SEC: 29 TWP:24 S. RGE:32 E. ELEVATION:3508.9'

STATE: NEW MEXICO COUNTY: LEA 210' FSL & 370' FEL

W.O. # 15-1377 LEASE: AZORES FED COM SURVEY: N.M.P.M

0 2,500 FEET

0 0.1 0.2 0.4 Miles

1 IN = 1,500 FT

LOCATION MAP

TOPO ROAD

12/07/2015

A.F.



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T 24 S

R 32 E

17

18

15

128

20

21

22

23

29

28

27

26

PROPOSED
AZORES
FEDERAL
COM #19HPROPOSED
AZORES
FEDERAL
COM #1H

ORLAND RD. - CR. 1

AZORES
FEDERAL
COM #5H

32

33

34

35

LEGEND



WELL



WELLPAD



EXISTING ROAD

AZORES FEDERAL COM #5H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3508.9'

STATE: NEW MEXICO COUNTY: LEA 210' FSL & 370' FEL

W.O. # 15-1377 LEASE: AZORES 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

IMAGERY

12/07/2015

A.P.

CONCHO

COG PRODUCTION, LLC

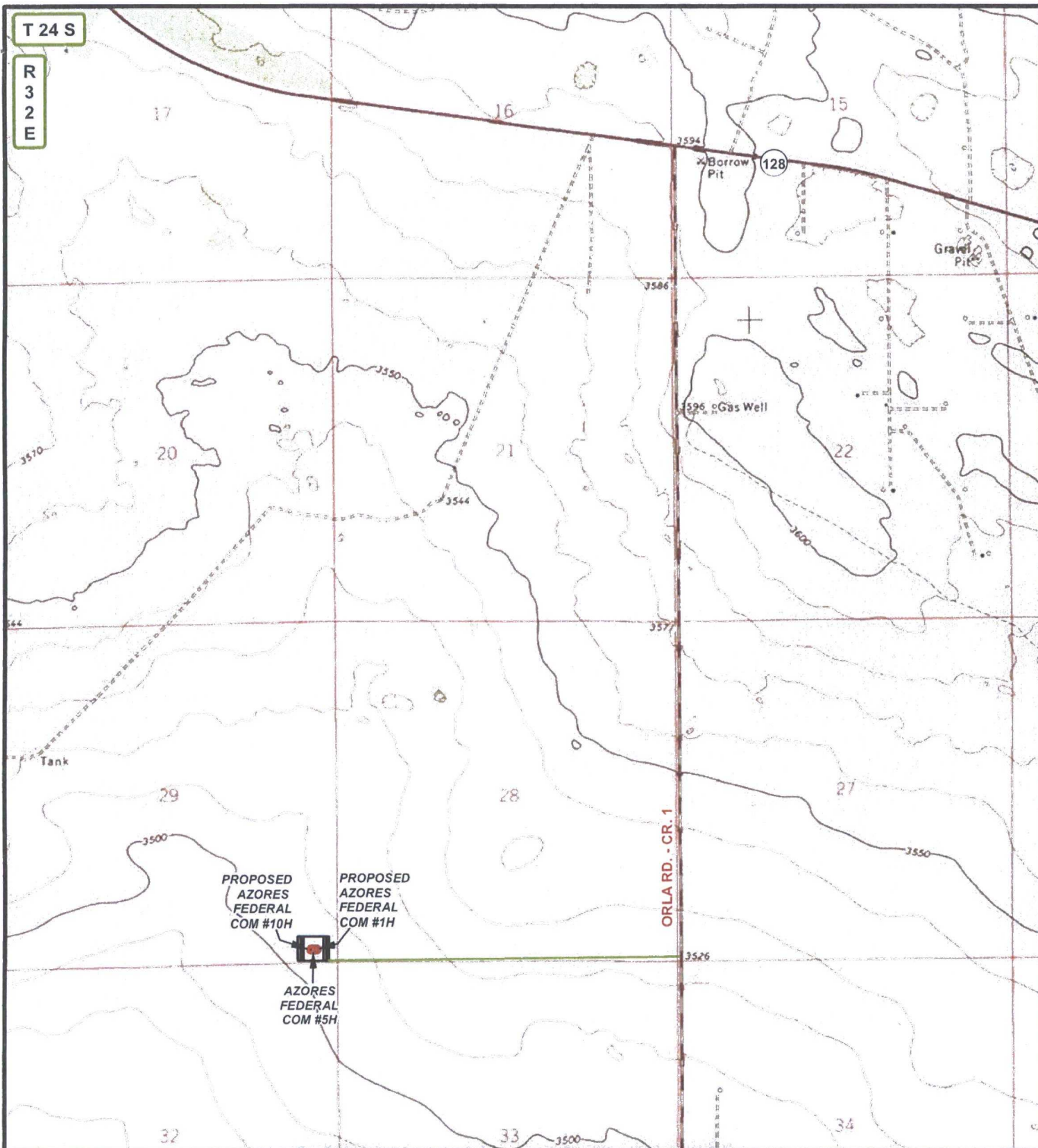


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LEGEND

● WELL

□ WELLPAD

— EXISTING ROAD

AZORES FEDERAL COM #5H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3508.9'
 STATE: NEW MEXICO COUNTY: LEA 210' FSL & 370' FEL
 W.O. # 15-1377 LEASE: AZORES 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

12/07/2015

A.F.

CONCHO

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T 24 S

R
3
2
EPROPOSED
AZORES
FEDERAL
COM #10HPROPOSED
AZORES
FEDERAL
COM #1HAZORES
FEDERAL
COM #5H

ORLAND RD. CR 1

LEGEND



WELL



WELLPAD



EXISTING ROAD

AZORES FEDERAL COM #5H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3508.9'

STATE: NEW MEXICO COUNTY: LEA 210' FSL & 370' FEL

W.O. # 15-1377 LEASE: AZORES FED COM SURVEY: N.M.P.M

0 2,500 FEET

0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

LOCATION MAP

IMAGERY ROAD

12/07/2015

A.F.

 **CONCHO**

COG PRODUCTION, LLC



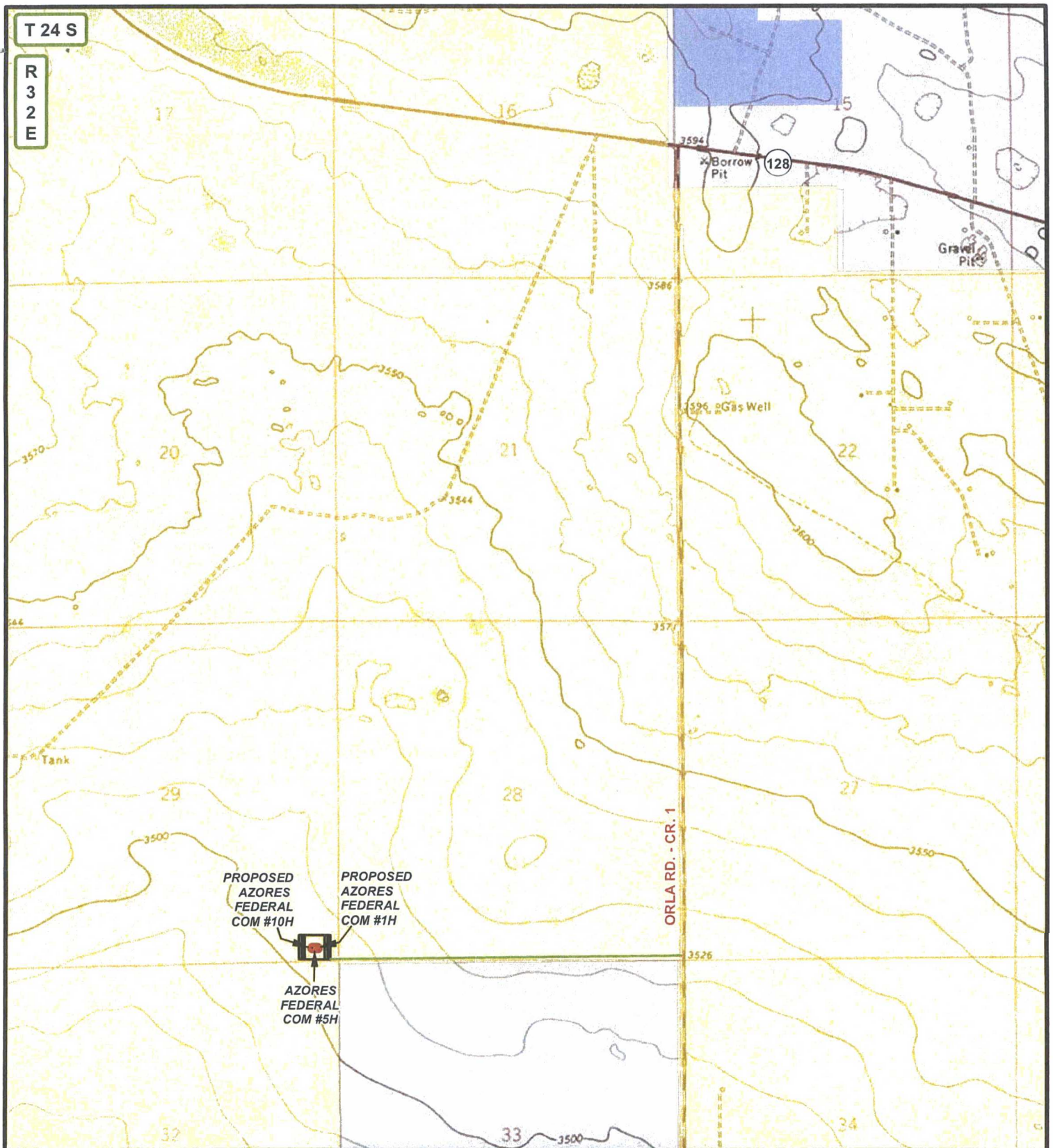
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T 24 S

R
3
2
E**LEGEND**

- WELL
- WELLPAD
- EXISTING ROAD
- PRIVATE
- STATE OF NM
- US BLM

AZORES FEDERAL COM #5H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3508.9'
 STATE: NEW MEXICO COUNTY: LEA 210' FSL & 370' FEL
 W.O. # 15-1377 LEASE: AZORES 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

LAND STATUS

12/07/2015

A.F.

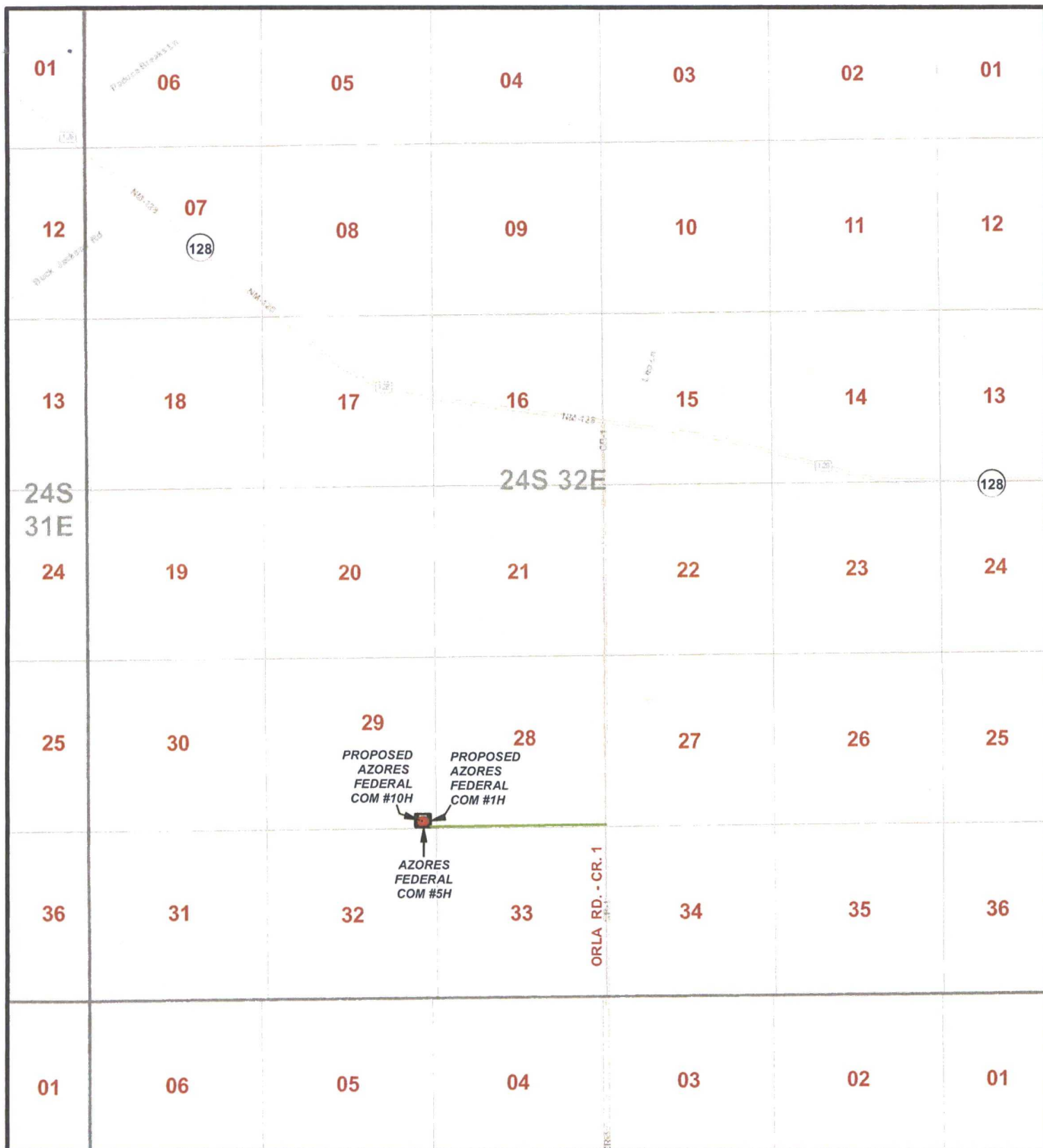


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LEGEND

• WELL

□ WELLPAD

— EXISTING ROAD

AZORES FEDERAL COM #5H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3508.9'

STATE: NEW MEXICO COUNTY: LEA 210' FSL & 370' FEL

W.O. # 15-1377 LEASE: AZORES FED COM SURVEY: N.M.P.M

0 2,500 5,000 7,500 10,000 FEET

0 0.275 0.55 1.1 Miles

1 IN = 4,000 FT

VICINITY MAP

12/07/2015

A.F.

CONCHO

COG PRODUCTION, LLC

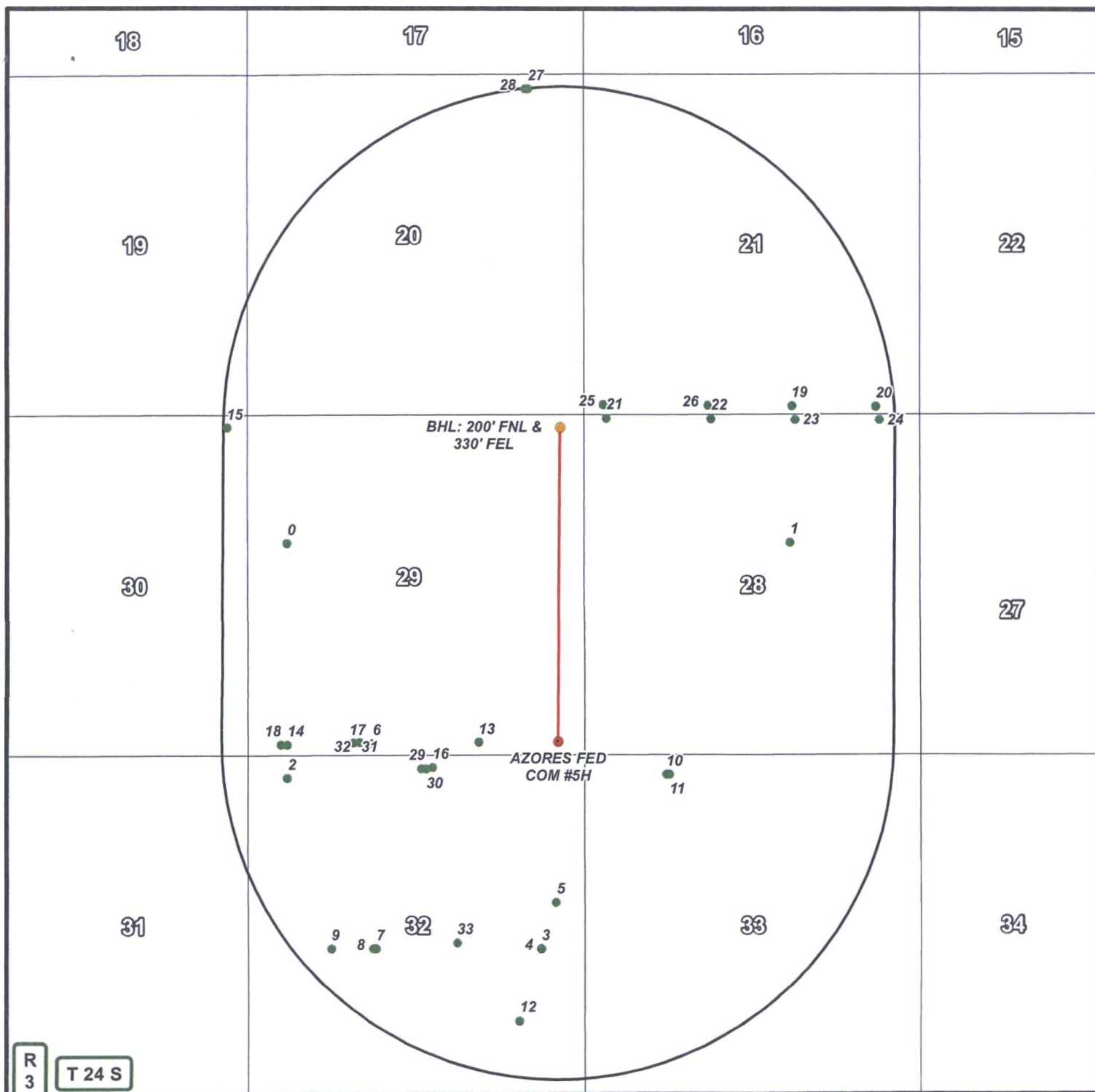


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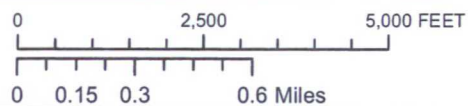
DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH JULY 16, 2016.

LEGEND

- WELL
- BOTTOMHOLE
- WELLS WITHIN 1 MI.
- 1 MI. BUFFER

AZORES FEDERAL COM #5H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3508.9'
 STATE: NEW MEXICO COUNTY: LEA 210' FSL & 370' FEL
 W.O. # 16-854 LEASE: AZORES FED COM SURVEY: N.M.P.M



1 IN = 2,500 FT

1 MILE MAP

10/24/2016

S.P.



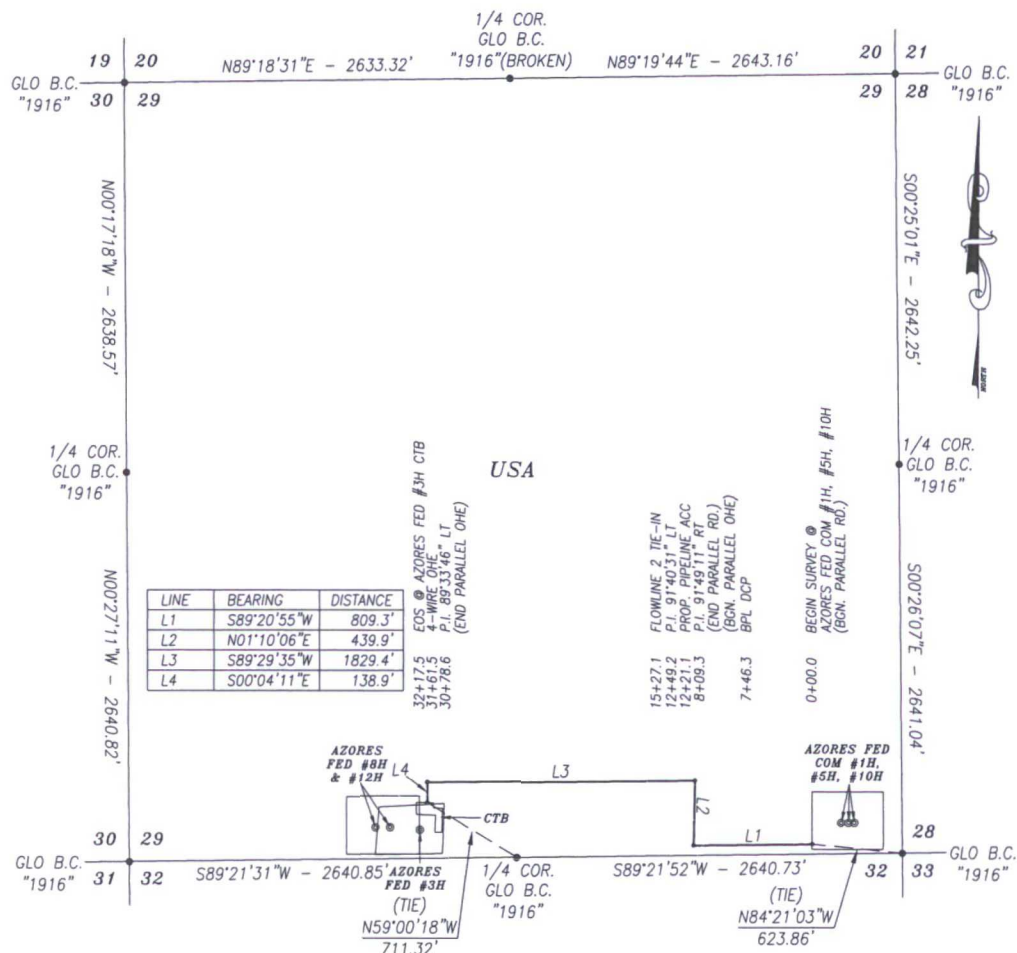
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FLOWLINE PLAT: FLOWLINE 1 **COG PRODUCTION, LLC.**

A PROPOSED 2-7/8" OIL, GAS, & WATER POLY FLOWLINE FROM THE AZORES FED COM #1H, #5H, & #10H TO THE AZORES FED #3H CTB IN
SECTION 29, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 3217.5 FEET OR 195.00 RODS OR 0.609 MILES IN LENGTH CROSSING USA LAND IN SECTION 29, 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 GRID 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

12/15/15
 DATE

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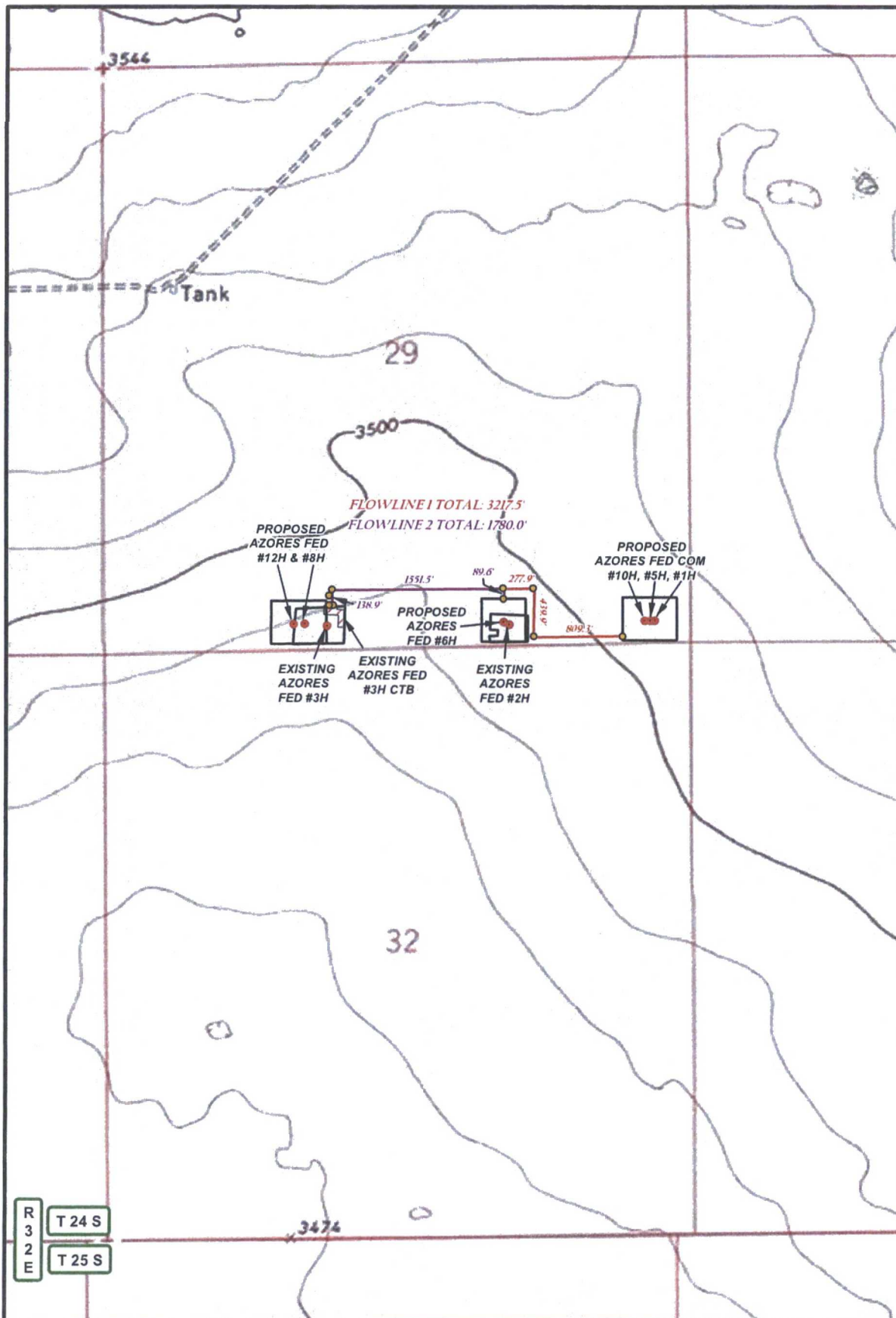


1000 0 1000 2000 FEET
 SCALE: 1"=1000'

COG PRODUCTION, LLC

SURVEY OF A PROPOSED FLOWLINE LOCATED IN
 SECTION 29, TOWNSHIP 24 SOUTH, RANGE 32 EAST,
 LEA COUNTY, NMPM, NEW MEXICO

SURVEY DATE: DECEMBER 3, 2015	FLOWLINE 1
DRAFTING DATE: DECEMBER 11, 2015	PAGE 1 OF 1
APPROVED BY: CH	DRAWN BY: SP
	FILE: 15-1386

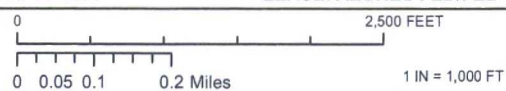


LEGEND

- FLOWLINE 1
- FLOWLINE 2
- WELL
- WELLPAD
- ▨ TANK BATTERY

AZORES FED/FED COM FLOWLINE SYSTEM

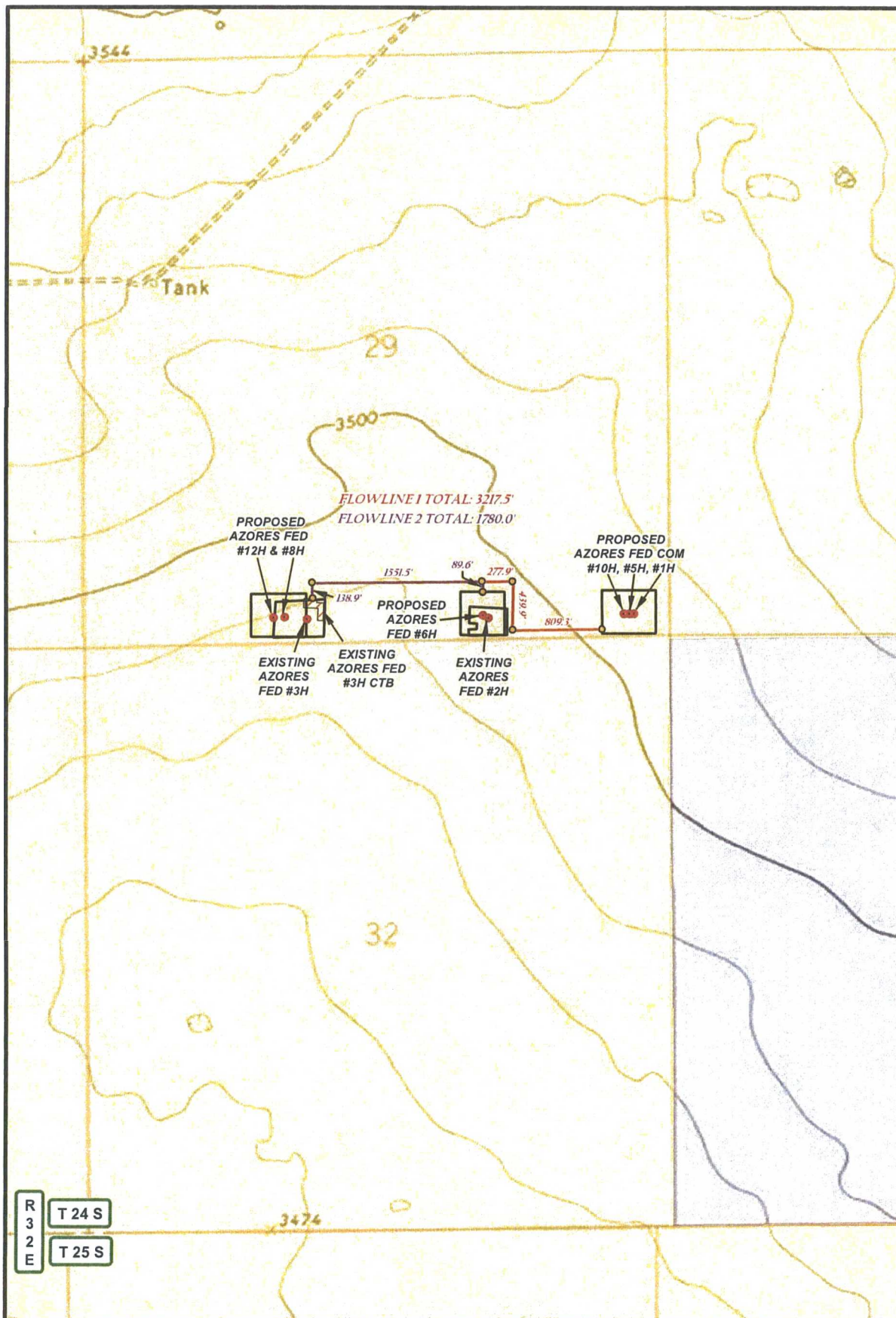
SECTION: 29 TOWNSHIP: 24 S. RANGE: 32 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M
 W.O. # 15-1386 LEASE: AZORES FED/FED COM



PIPELINE OVERVIEW TOPO 12/11/2015 S.P.

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 COG PRODUCTION, LLC

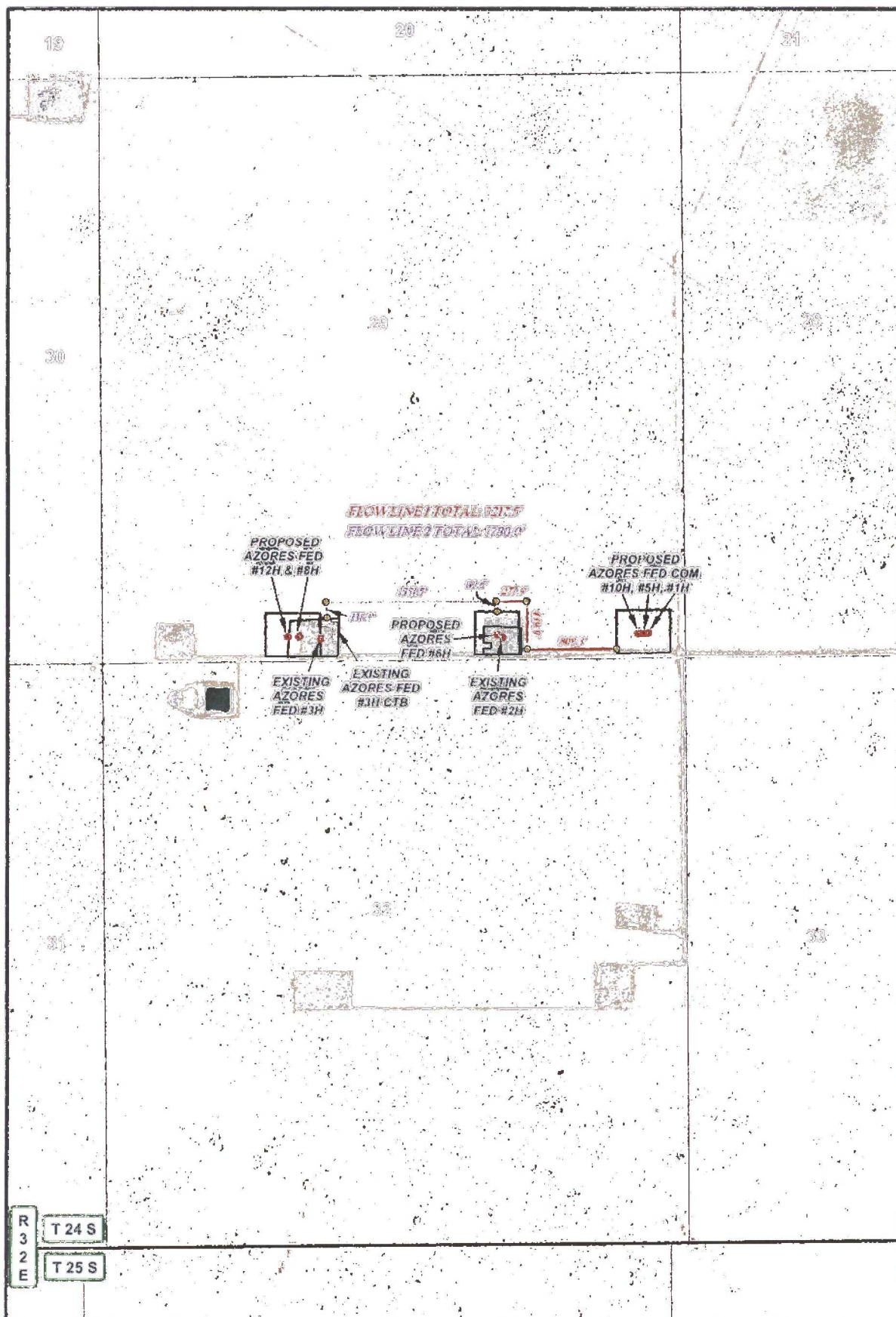
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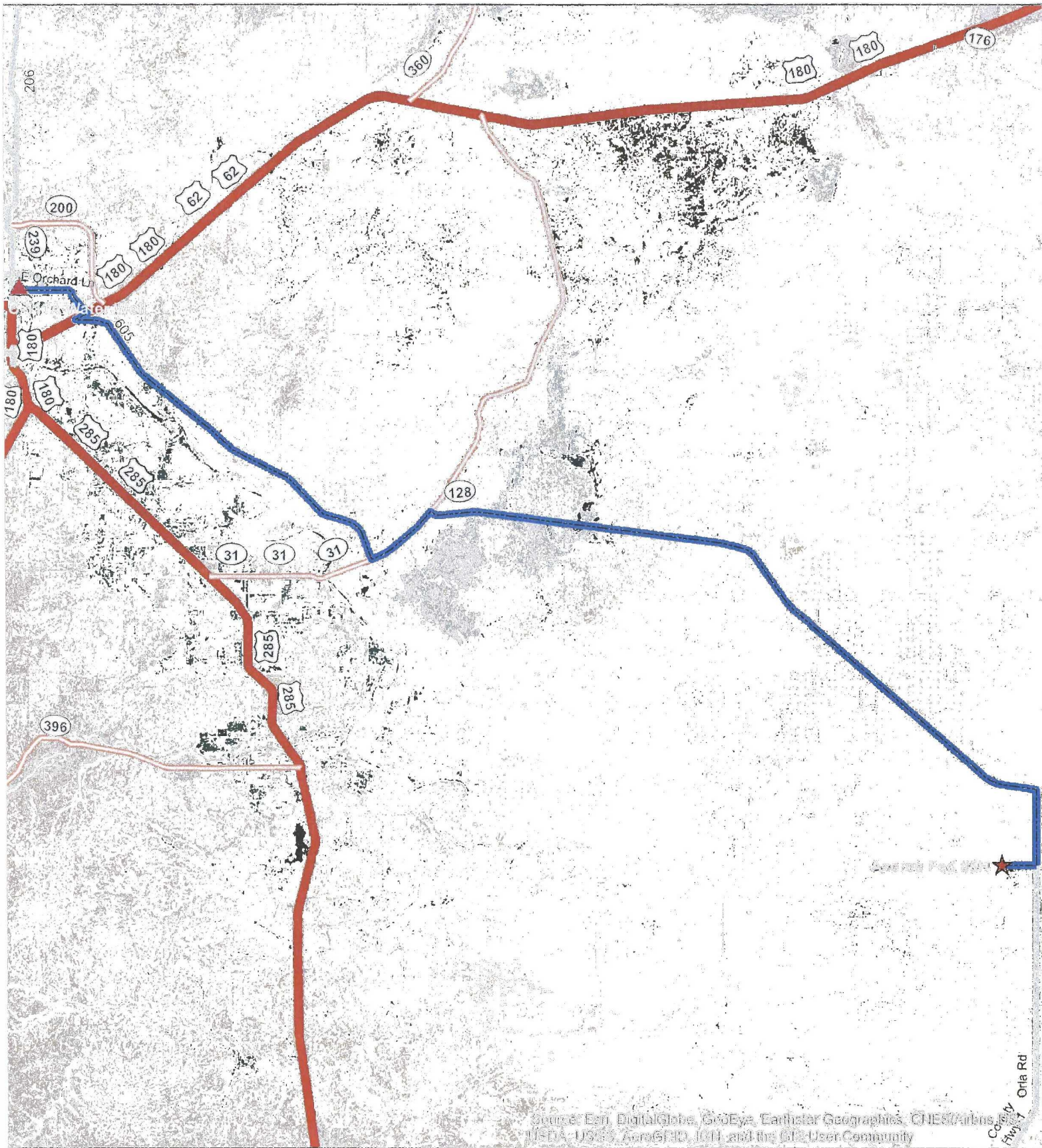
LEGEND		AZORES FED/FED COM FLOWLINE SYSTEM	
	FLOWLINE 1	SECTION: 29	TOWNSHIP: 24 S.
	FLOWLINE 2	RANGE: 32 E.	
	WELL	STATE: NEW MEXICO	COUNTY: LEA
	WELLPAD	SURVEY: N.M.P.M	
	TANK BATTERY	W.O. # 15-1386	
	PRIVATE	LEASE: AZORES FED/FED COM	
	STATE OF NM		
	US BLM		
PIPELINE OVERVIEW		LAND STATUS	12/11/2015 S.P.

COG PRODUCTION, LLC

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LEGEND FLOWLINE 1 FLOWLINE 2 FLOWLINE 3 WELL WELLPAD TANK BATTERY	AZORES FED/FED COM FLOWLINE SYSTEM			 CONCHO COG PRODUCTION, LLC HARCROW SURVEYING, LLC. 2314 W. MAIN ST, ARTESIA, NM 88210 PH: (575) 746-2158 FAX: (575) 746-2158 c.harcrow@harcrowsurveying.com
	SECTION: 29 TOWNSHIP: 24 S. RANGE: 32 E.			
	STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M.			
	W.O. # 15-1386 LEASE: AZORES FED/FED COM			
	 1 IN = 1,000 FT			
PIPELINE OVERVIEW IMAGERY 12/11/2015 S.P.				



CONCHO

Azores Fed #5H

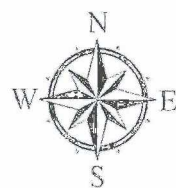
Water Transfer Route

Date: 2/23/2017
 Author: Wayne McDonald
 Date: 2/23/2017
 County: El Paso

This document is not a legal survey document.

Map Legend

—— Route



0 1.75 3.5 7 10.5 14 Miles

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

County Hwy 7 Orta Rd



Azores Fed #5H To Malaga II Brine

Map Legend

 Route



Date: 02/20/2017
 Author: Wynne McDermid
 State: New Mexico
 County: El Paso
 Note: This is a legal survey document.
 02/20/2017
 11:24:00

0 1 2 4 6 8 Miles