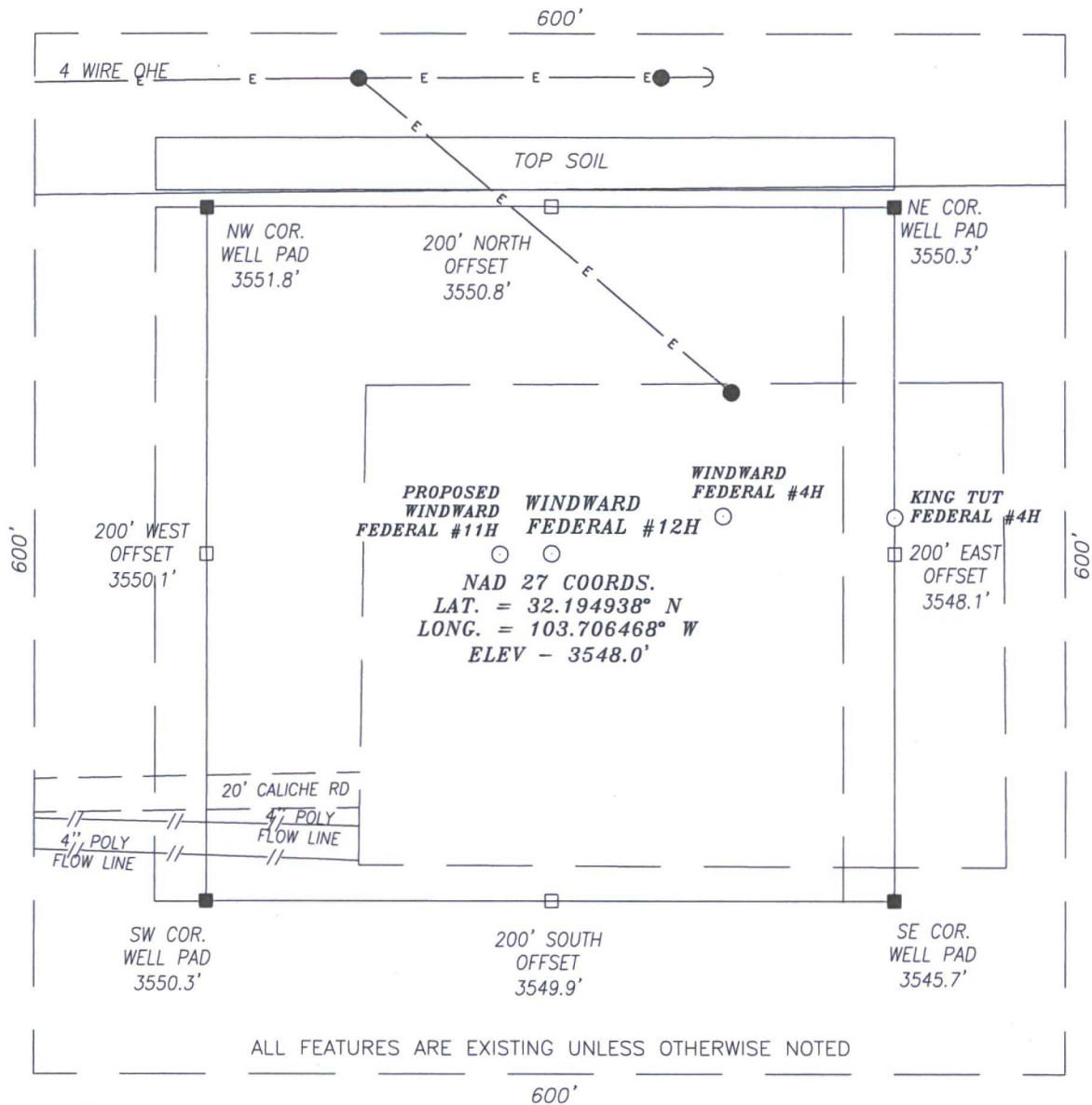


SECTION 30, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



ALL FEATURES ARE EXISTING UNLESS OTHERWISE NOTED

DIRECTIONS TO LOCATION

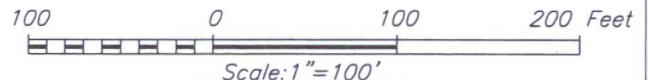
FROM THE INTERSECTION OF BUCK JACKSON RD. (CR-786) AND HWY 128 GO SOUTHWEST ON BUCK JACKSON RD. FOR APPROX. 0.4 MILES; THEN TURN LEFT (SOUTH) AND GO APPROX. 2.4 MILES; THEN TURN LEFT (EAST) AND GO APPROX. 0.9 MILES TO THE EXISTING KING TUT FED. #4H AND WINDWARD FED. #4H WELL PAD. PROPOSED WELL IS APPROX. 100 FEET WESTSOUTHWEST OF THE WINDWARD FED. #4H.

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c.harcrow@harcrowsurveying.com



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.



COG PRODUCTION, LLC

WINDWARD FEDERAL #12H WELL
LOCATED 210 FEET FROM THE NORTH LINE
AND 530 FEET FROM THE EAST LINE OF SECTION 30,
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: APRIL 5, 2016 PAGE: 1 OF 1

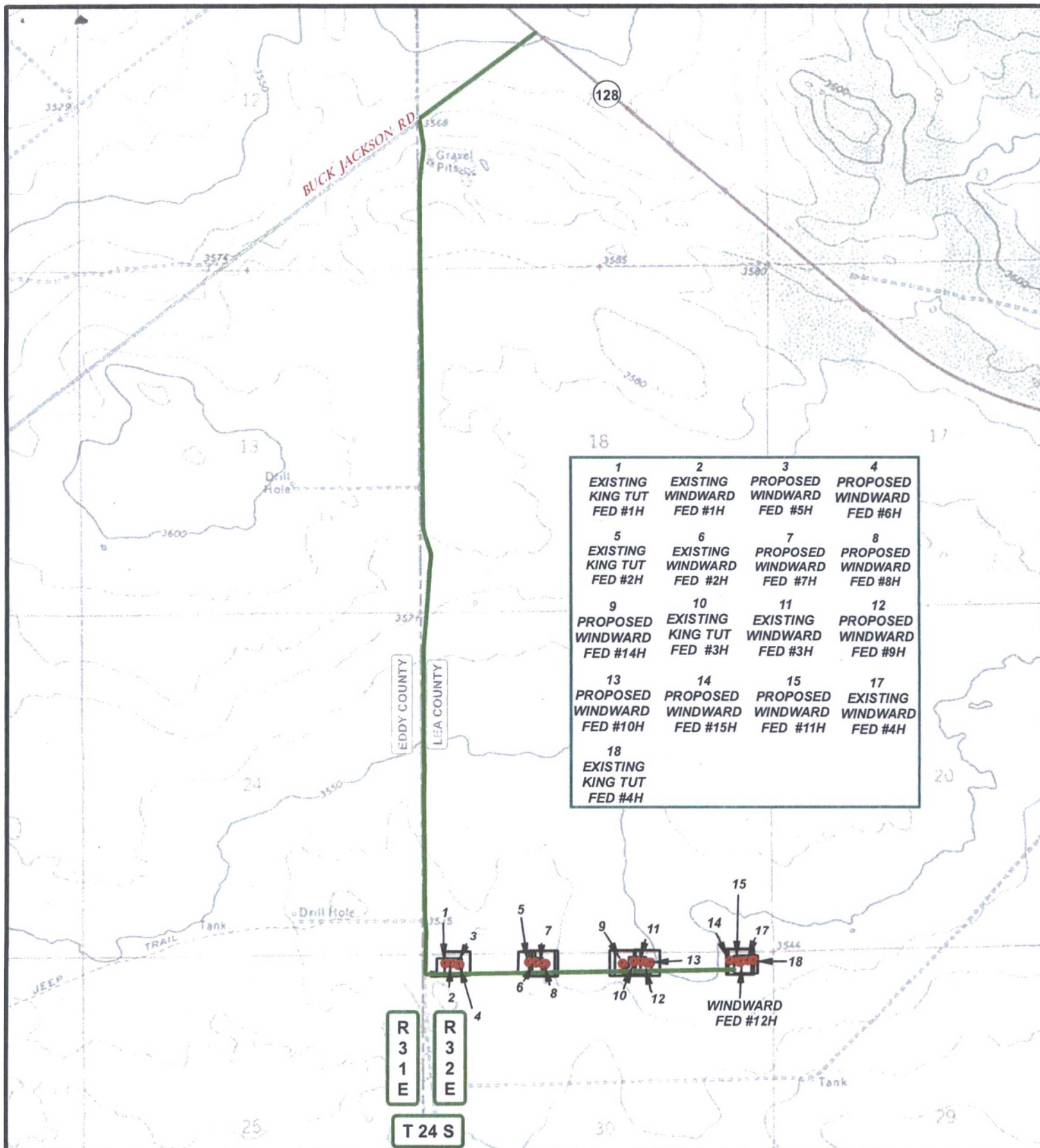
DRAFTING DATE: APRIL 11, 2016

APPROVED BY: CH DRAWN BY: AF FILE: 16-186

Chad Harcrow

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

4/14/16
DATE



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #12H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3548.0'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 530' FEL
 W.O. # 16-186 LEASE: WINDWARD FED 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

04/13/2016

A.F.



COG PRODUCTION, LLC

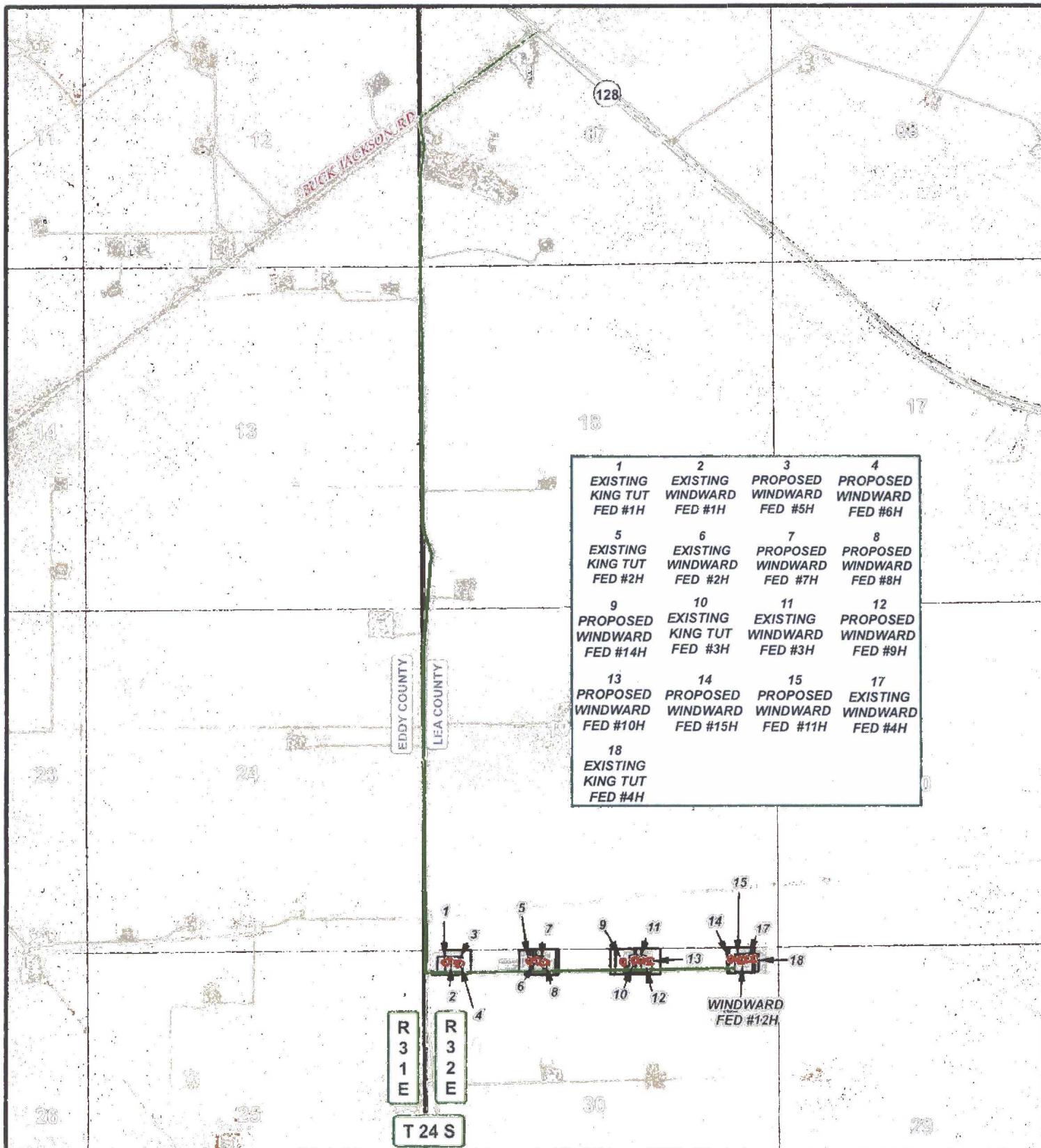


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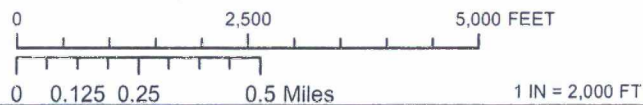


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #12H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3548.0'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 530' FEL
 W.O. # 16-186 LEASE: WINDWARD FED SURVEY: N.M.P.M



LOCATION MAP

IMAGERY

04/13/2016

A.F.

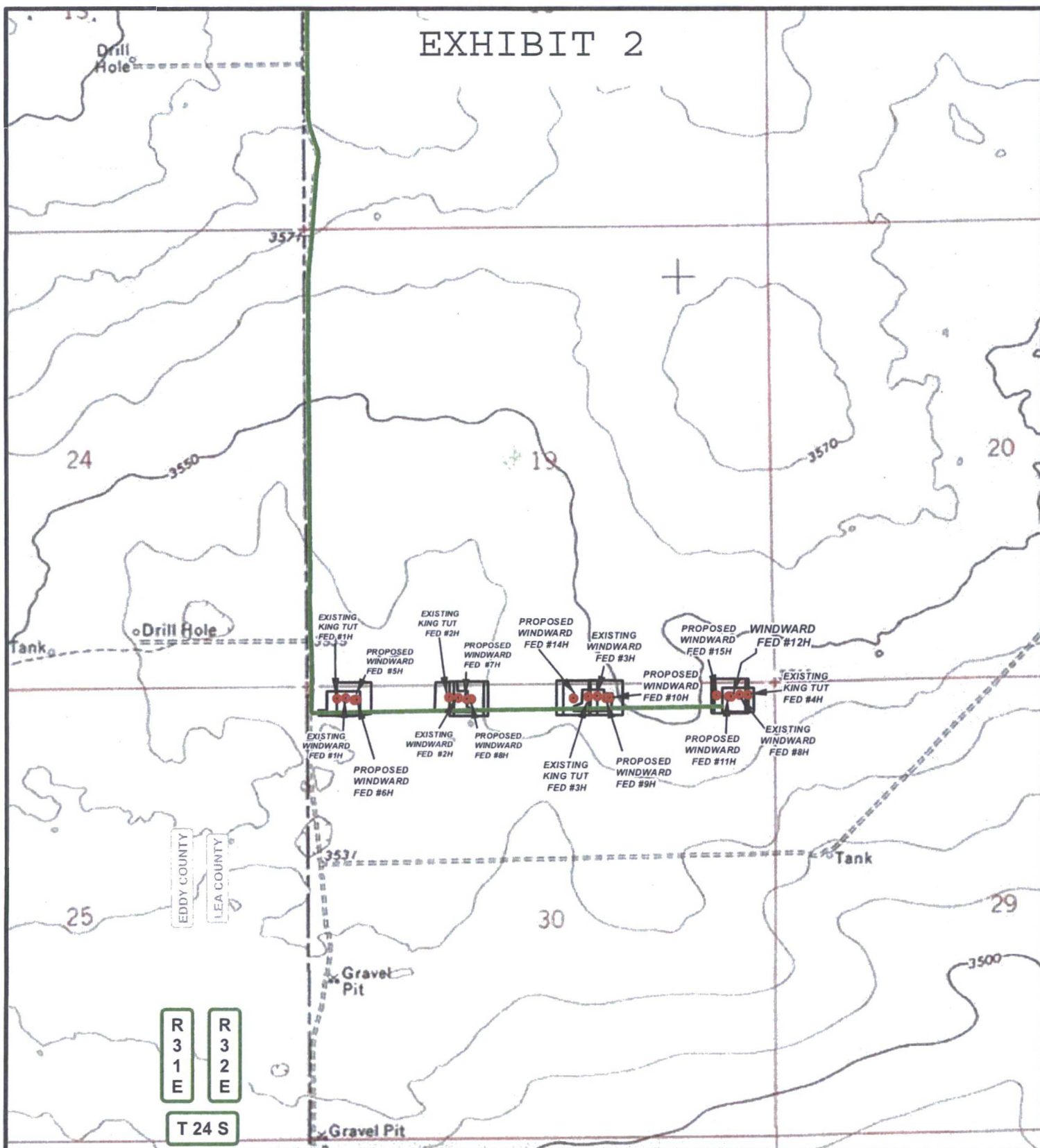


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EXHIBIT 2



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #12H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3548.0'

STATE: NEW MEXICO COUNTY: LEA 210' FNL & 530' FEL

W.O. # 16-186 LEASE: WINDWARD FED 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

04/13/2016

A.F.

CONCHO

COG PRODUCTION, LLC

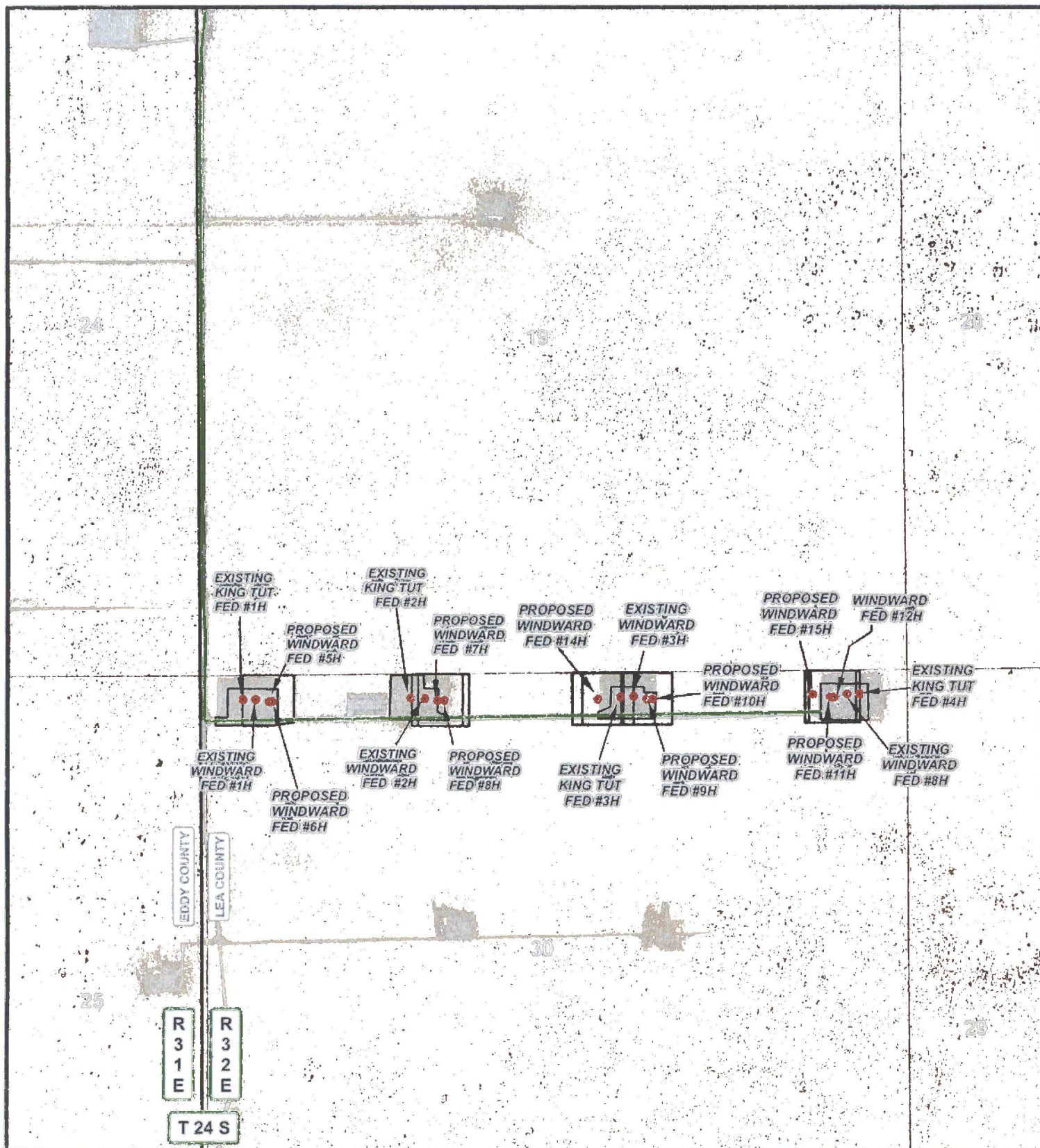


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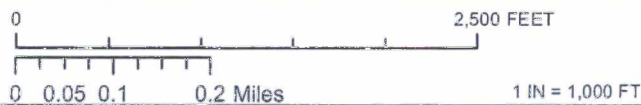


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #12H

SEC: 30	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3548.0'
STATE: NEW MEXICO		COUNTY: LEA	210' FNL & 530' FEL
W.O. # 16-186		LEASE: WINDWARD FED	SURVEY: N.M.P.M



LOCATION MAP

IMAGERY ROAD

04/13/2016

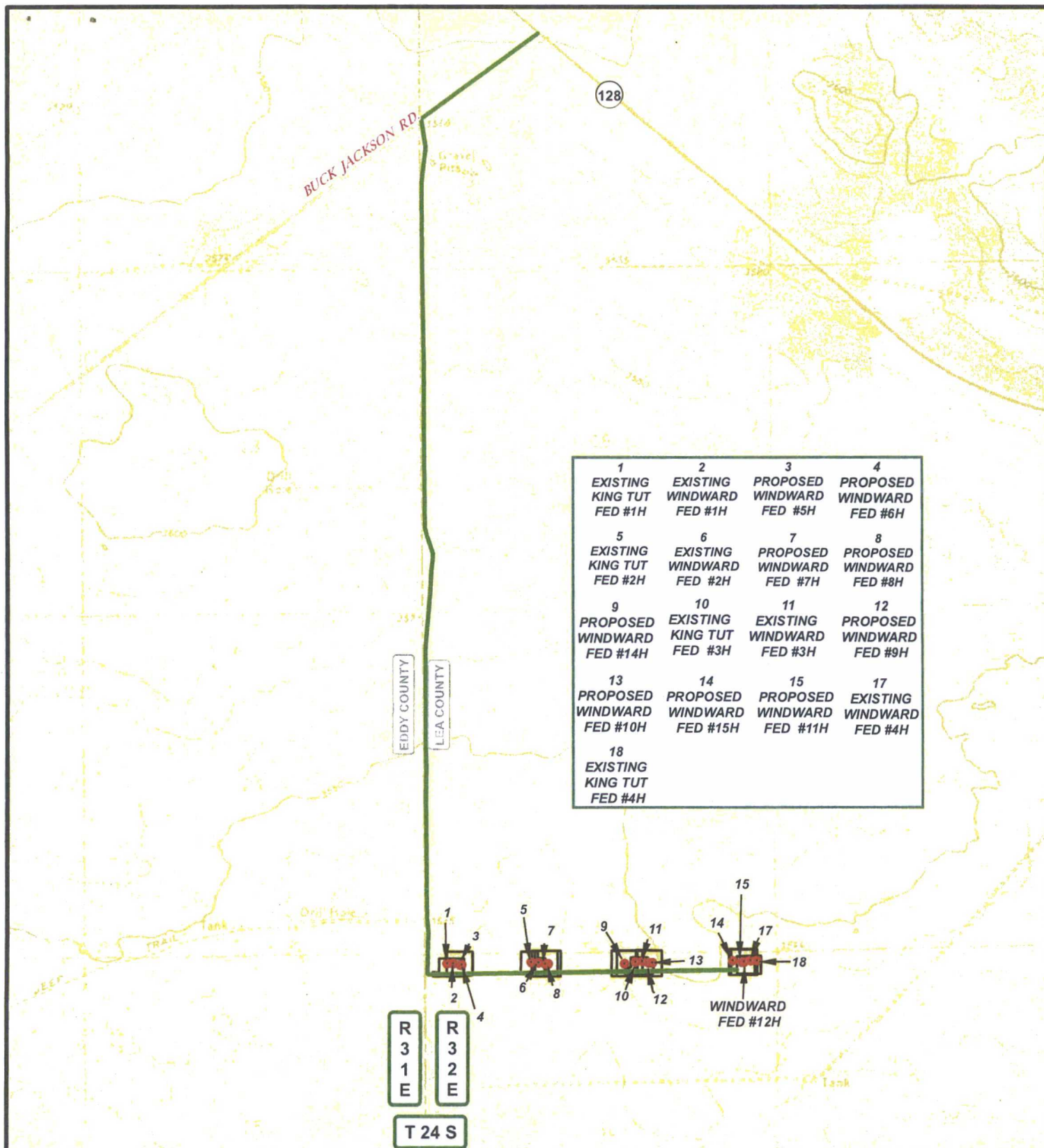
A.E.



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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- US BLM

WINDWARD FEDERAL #12H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3548.0'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 530' FEL
 W.O. # 16-186 LEASE: WINDWARD FED SURVEY: N.M.P.M



LOCATION MAP

LAND STATUS

04/13/2016

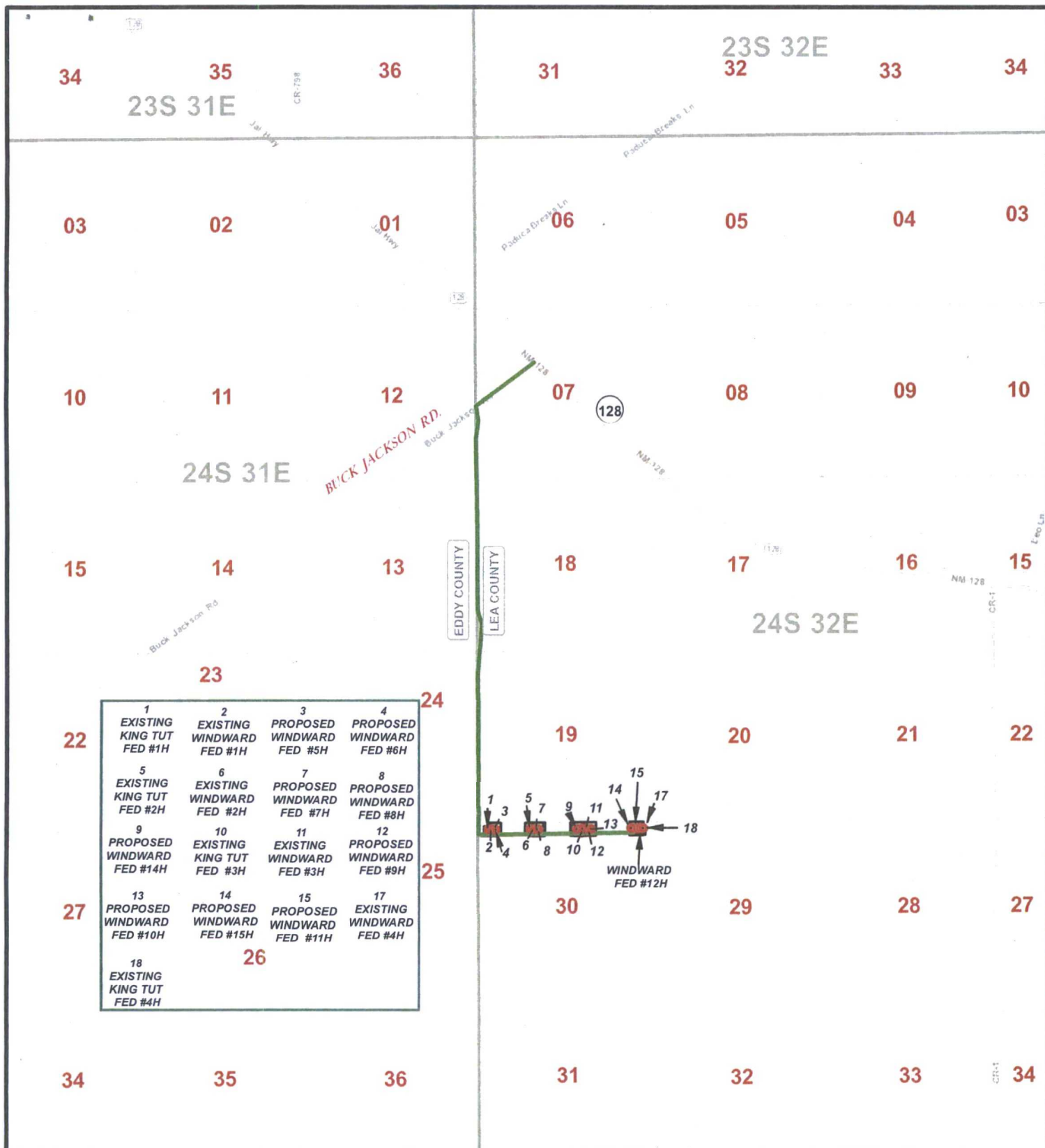
A.F.



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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #12H

SEC: 30	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3548.0'
STATE: NEW MEXICO		COUNTY: LEA	210' FNL & 530' FEL
W.O. # 16-186		LEASE: WINDWARD FED	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 04/13/2016 A.F.

CONCHO

COG PRODUCTION, LLC

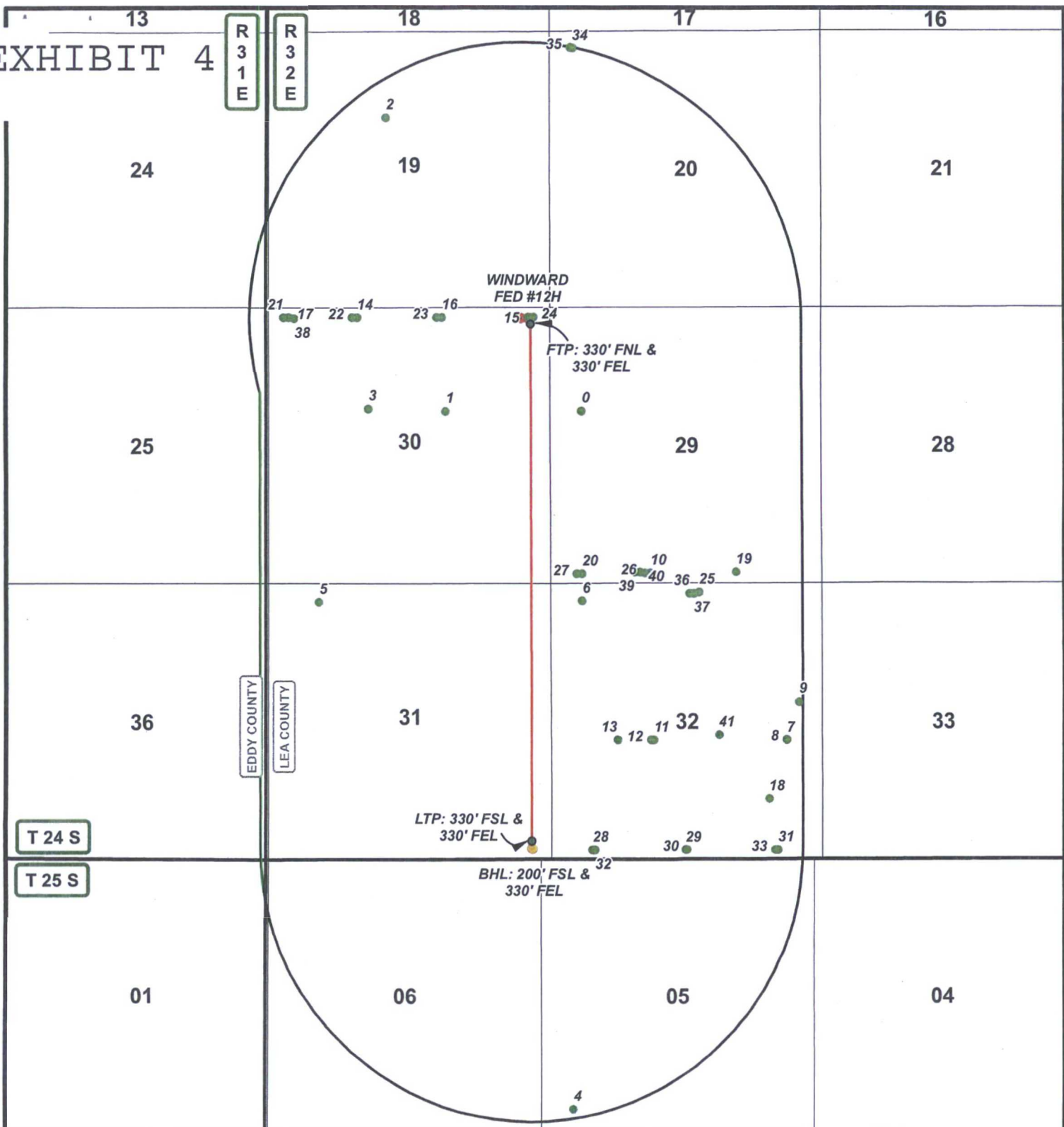
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EXHIBIT 4

R 3 1 E

R 3 2 E



DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH OCTOBER 29, 2016.

LEGEND

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

WINDWARD FEDERAL COM #12H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3548.0'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 530' FEL
 W.O. # 16-1088 LEASE: WINDWARD FED SURVEY: N.M.P.M

0 2,500 5,000 7,500 FEET

0 0.2 0.4 0.8 Miles 1 IN = 3,000 FT

1 MILE MAP

12/16/2016

J.H.

CONCHO

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