

APR 21 2016

RECEIVED

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District OfficeDISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720DISTRICT II
611 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-0720DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3-025- 43171	Pool Code 97899	Pool Name WC-025 G-06 S253206M; Bone Spring
Property Code 39881	Property Name AZORES FEDERAL	Well Number 11H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3491.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	32	24-S	32-E		210	NORTH	2470	EAST	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
B	29	24-S	32-E		330	NORTH	2310	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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

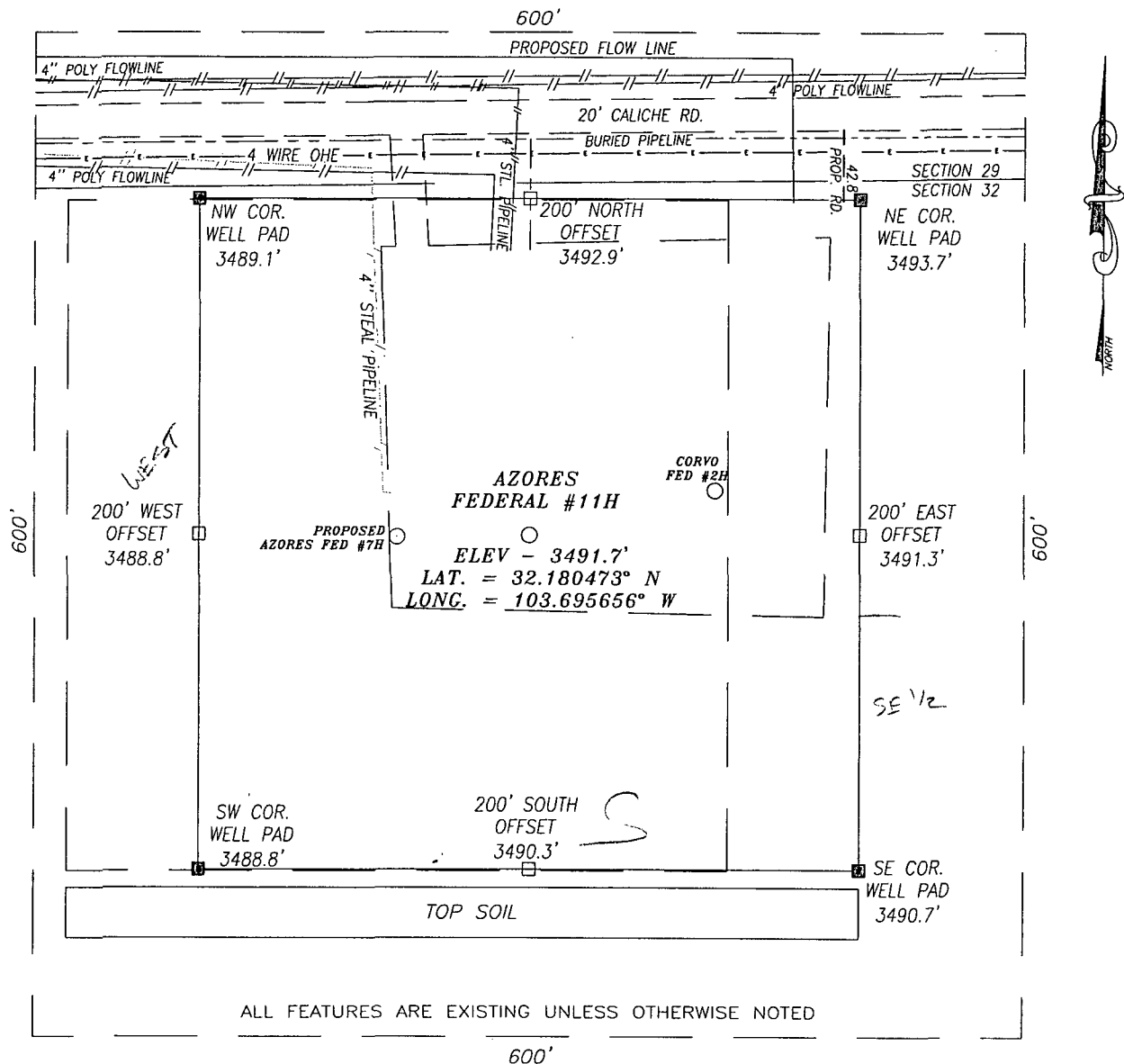
	NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=435124.5 N X=697411.9 E LAT.=32.194664° N LONG.=103.695164° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division. Signature: <i>Melanie J Wilson</i> Date: <i>2/10/16</i> Printed Name: Melanie J Wilson E-mail Address: mwilson@concho.com
	NAD 27 SURFACE LOCATION Y=429961.1 N X=697290.2 E LAT.=32.180473° N LONG.=103.695656° W	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. JANUARY 26, 2016 Date of Survey Signature & Seal of Professional Surveyor Chad L. Harcrow 2/3/16 Certificate No. CHAD HARCROW 17777 W.O. # 15-1374 DRAWN BY: AF

APR 25 2016

SECTION 32, 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 HWY 128 & CR-1 (ORLA RD) GO SOUTH ON ORLA RD. FOR APPROX. 2.2 MILES; THEN TURN RIGHT (WEST) AND GO APPROX. 1.4 MILES TO THE EXISTING CORVO FED #2H PAD. PROPOSED WELL IS APPROX. 115' WEST.

HARCROW SURVEYING, LLC

2314 W. MAIN ST, ARTESIA, N.M. 88210

PH: (575) 746-2158 FAX: (575) 746-2158

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.

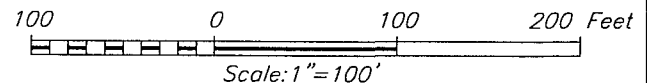


Chad Harcrow

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

2/3/16

DATE



COG PRODUCTION, LLC

AZORES FEDERAL #11H WELL
LOCATED 210 FEET FROM THE NORTH LINE
AND 2470 FEET FROM THE EAST LINE OF SECTION 32,
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: JAN. 26, 2016

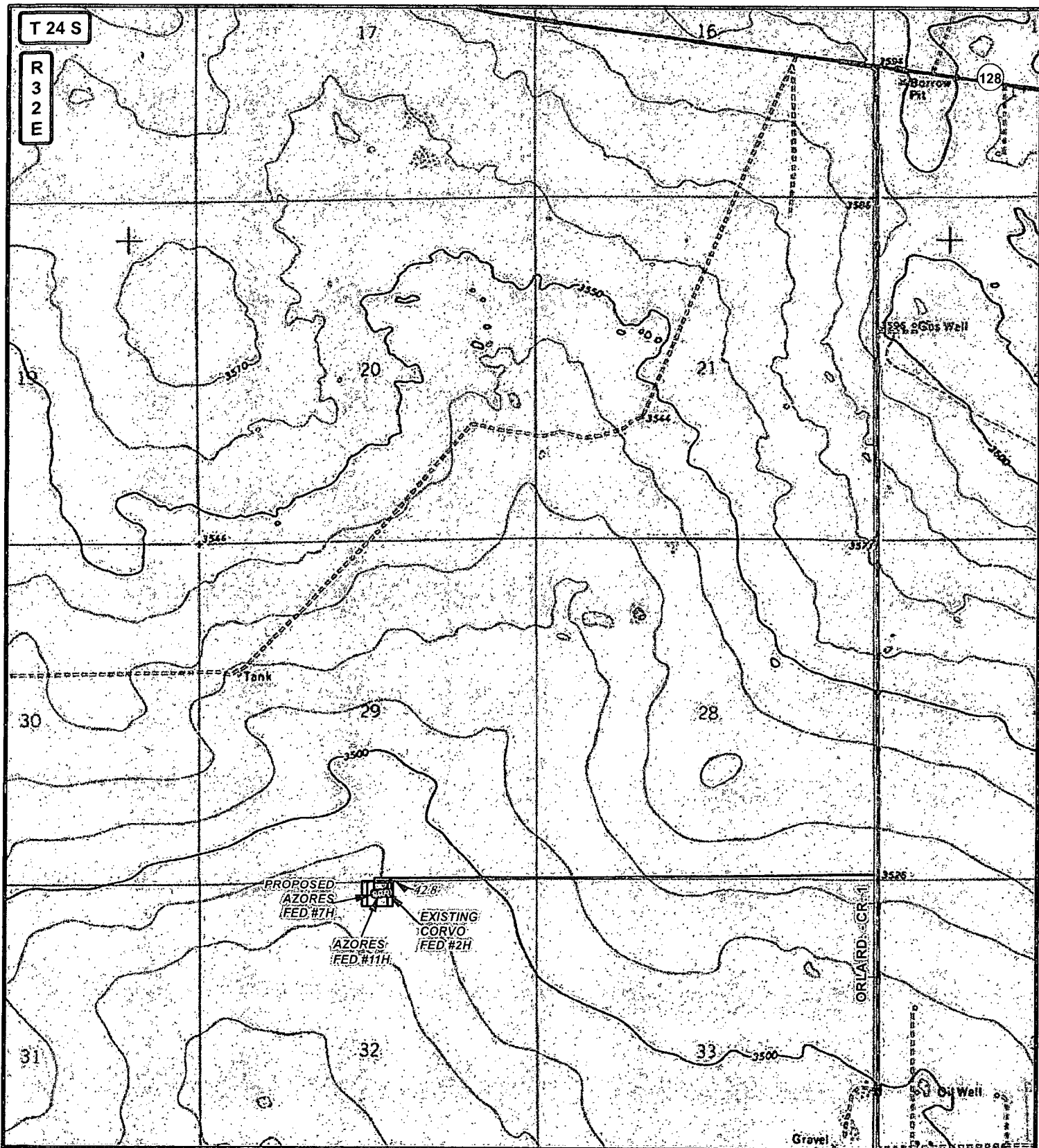
PAGE: 1 OF 1

DRAFTING DATE: FEB. 02, 2016

APPROVED BY: CH

DRAWN BY: AF

FILE: 15-1374



LEGEND

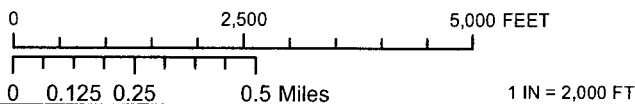
- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

AZORES FEDERAL #11H

SEC: 32 TWP: 24 S. RGE: 32 E. ELEVATION: 3491.7'

STATE: NEW MEXICO COUNTY: LEA 210' FNL & 2470' FEL

W.O. # 15-1374 LEASE: AZORES FED SURVEY: N.M.P.M



LOCATION MAP

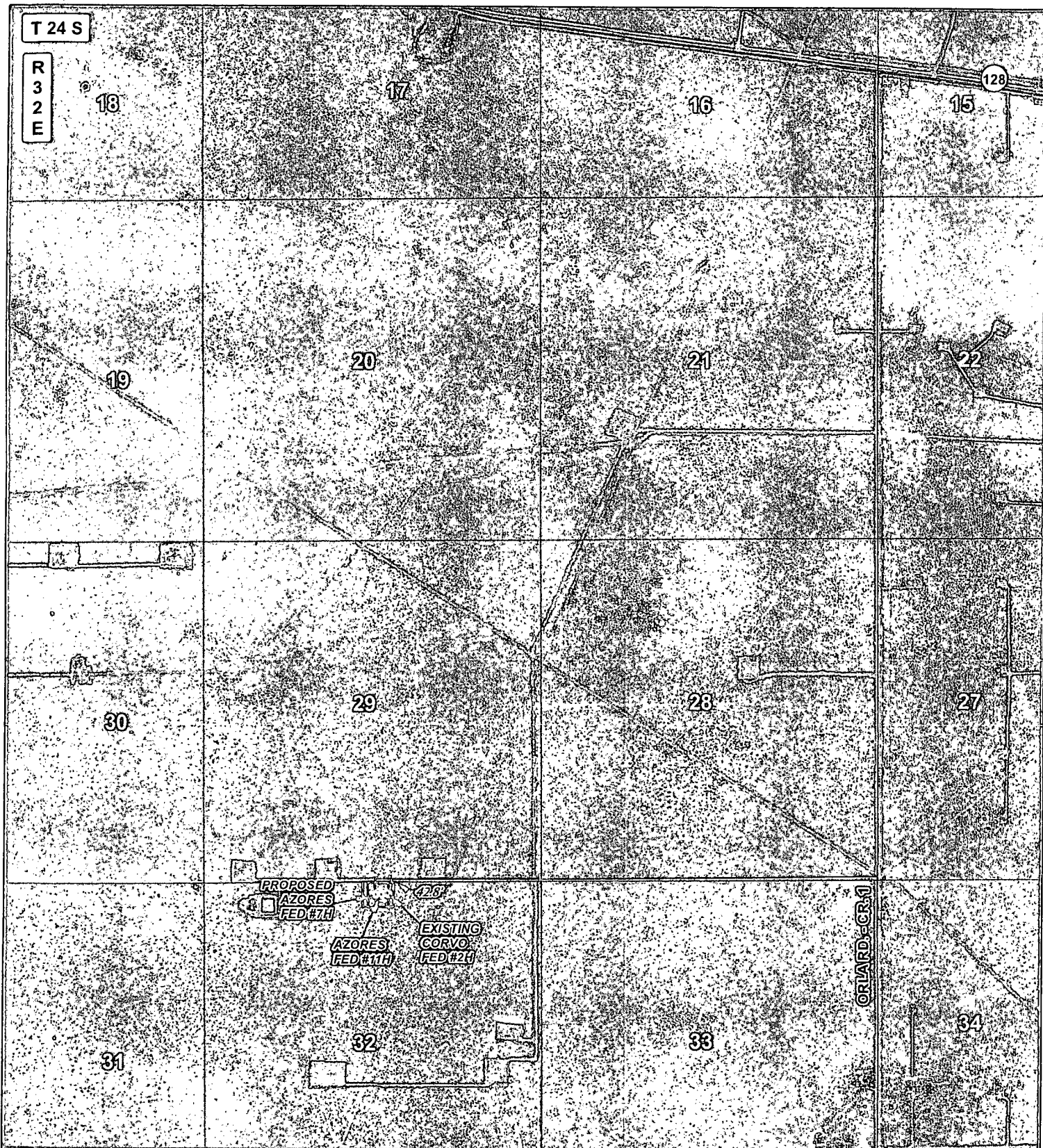
TOPO

02/02/2016

A.F.

CONCHO
COG PRODUCTION, LLC

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c.harcrow@harcrowsurveying.com



LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

— PROPOSED ROAD

AZORES FEDERAL #11H

SEC: 32 TWP: 24 S. RGE: 32 E. ELEVATION: 3491.7'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 2470' FEL
 W.O. # 15-1374 LEASE: AZORES 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

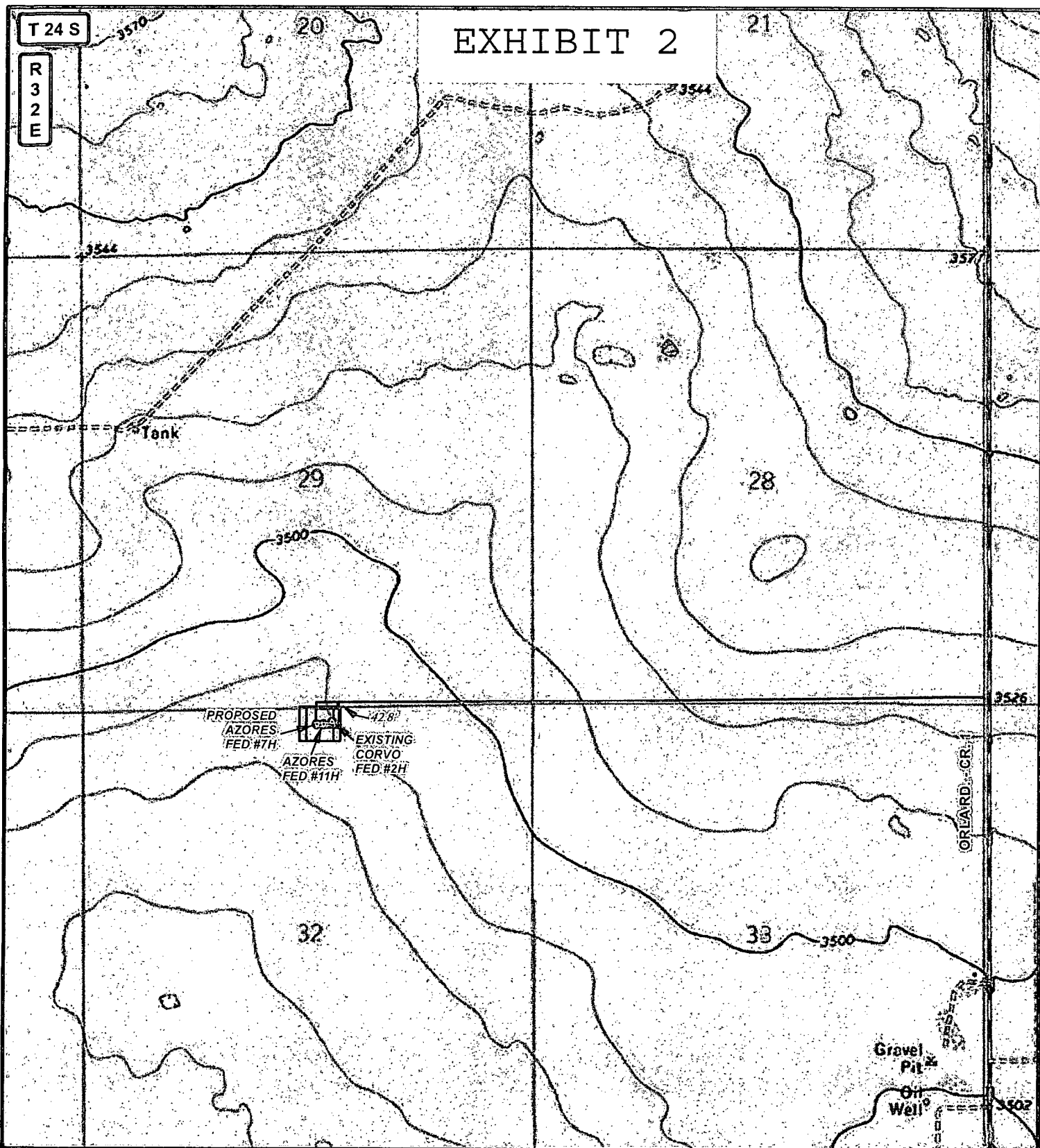
LOCATION MAP IMAGERY

CONCHO

COG PRODUCTION, LLC



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LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

— PROPOSED ROAD

AZORES FEDERAL #11H

SEC: 32	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3491.7'
STATE: NEW MEXICO	COUNTY: LEA	210' FNL & 2470' FEL	
W.O. # 15-1374	LEASE: AZORES 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

02/02/2016

A E

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T 24 S

R 32 E

30

29

28

31

32

33

PROPOSED
AZORES
FED #11H

AZORES
FED #11H

EXISTING
CORVO
FED #12H

LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

— PROPOSED ROAD

AZORES FEDERAL #11H

SEC: 32 TWP: 24 S. RGE: 32 E. ELEVATION: 3491.7'
STATE: NEW MEXICO COUNTY: LEA 210' FNL & 2470' FEL
W.O. # 15-1374 LEASE: AZORES FED SURVEY: N.M.P.M

0 2,500 FEET

0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

 **CONCHO**

COG PRODUCTION, LLC

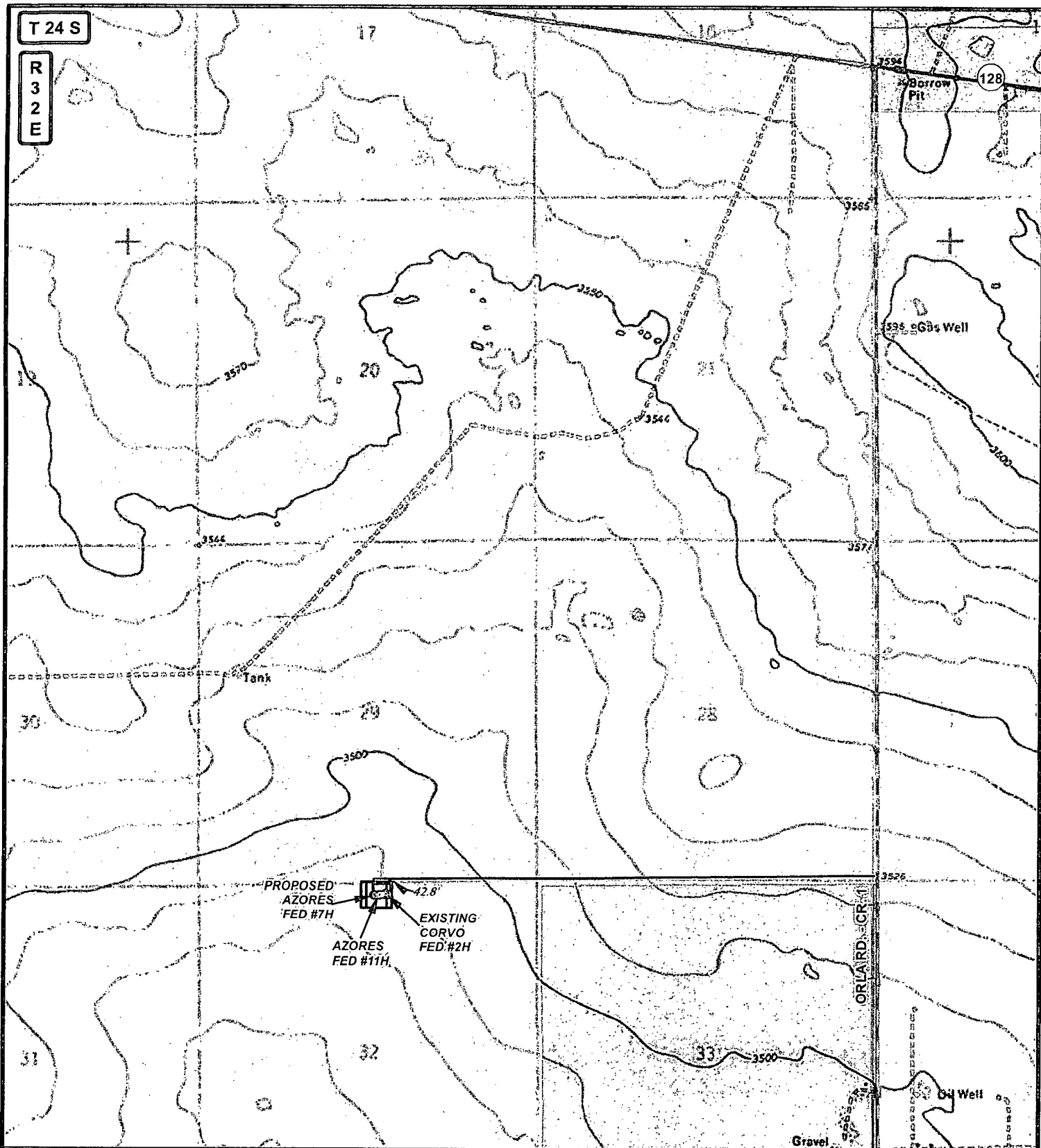


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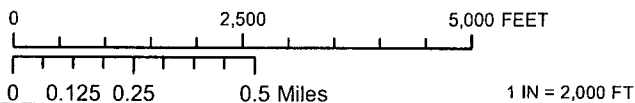


LEGEND

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

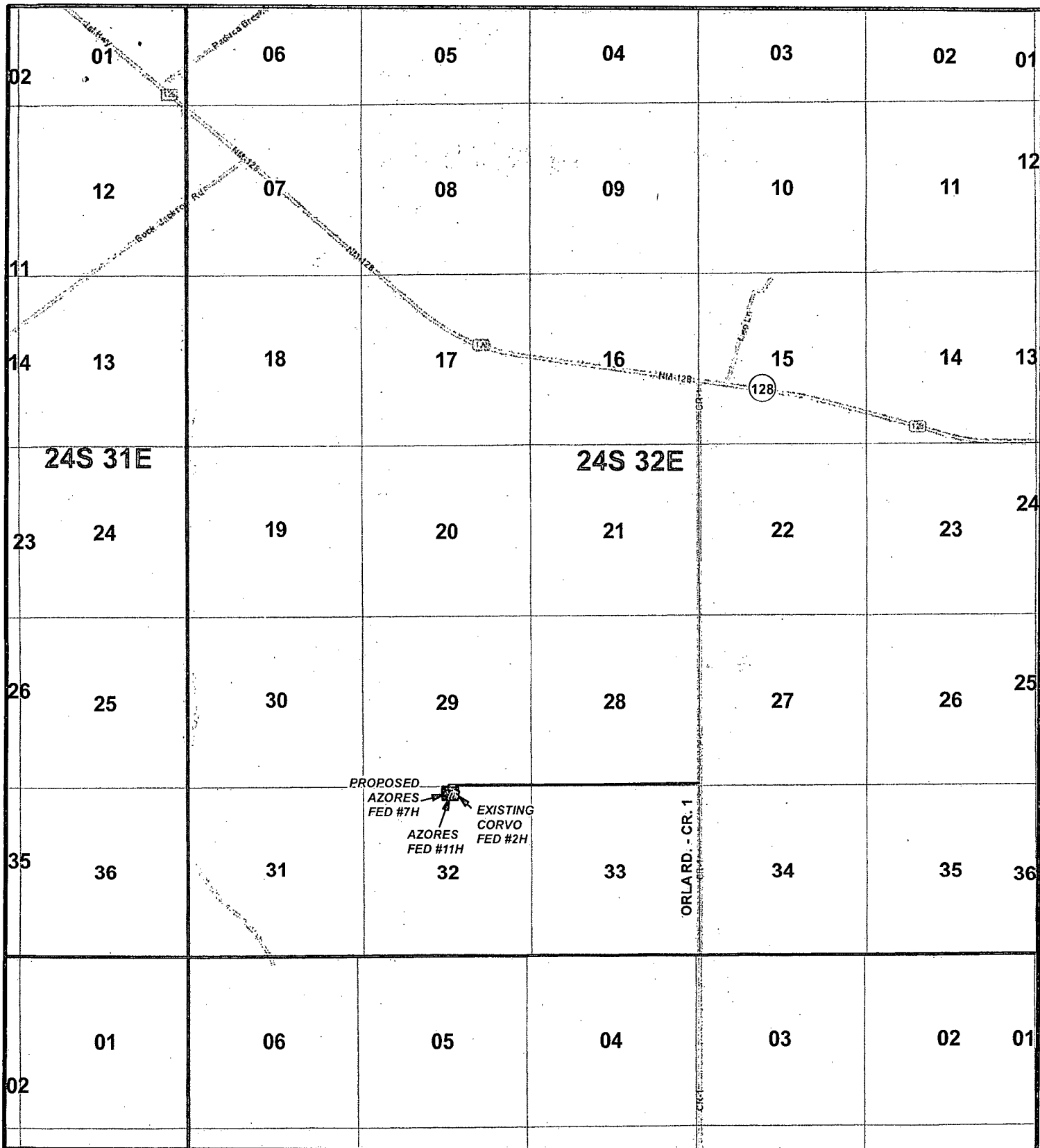
AZORES FEDERAL #11H

SEC: 32	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3491.7'
STATE: NEW MEXICO		COUNTY: LEA	210' FNL & 2470' FEL
W.O. # 15-1374		LEASE: AZORES FED	SURVEY: N.M.P.M



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LEGEND

○ WELL

□ WELLPAD

— EXISTING ROAD

— PROPOSED ROAD

AZORES FEDERAL #11H

SEC: 32 TWP: 24 S. RGE: 32 E. ELEVATION: 3491.7'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 2470' FEL
 W.O. # 15-1374 LEASE: AZORES FED SURVEY: N.M.P.M

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

0 0.275 0.55 1.1 Miles

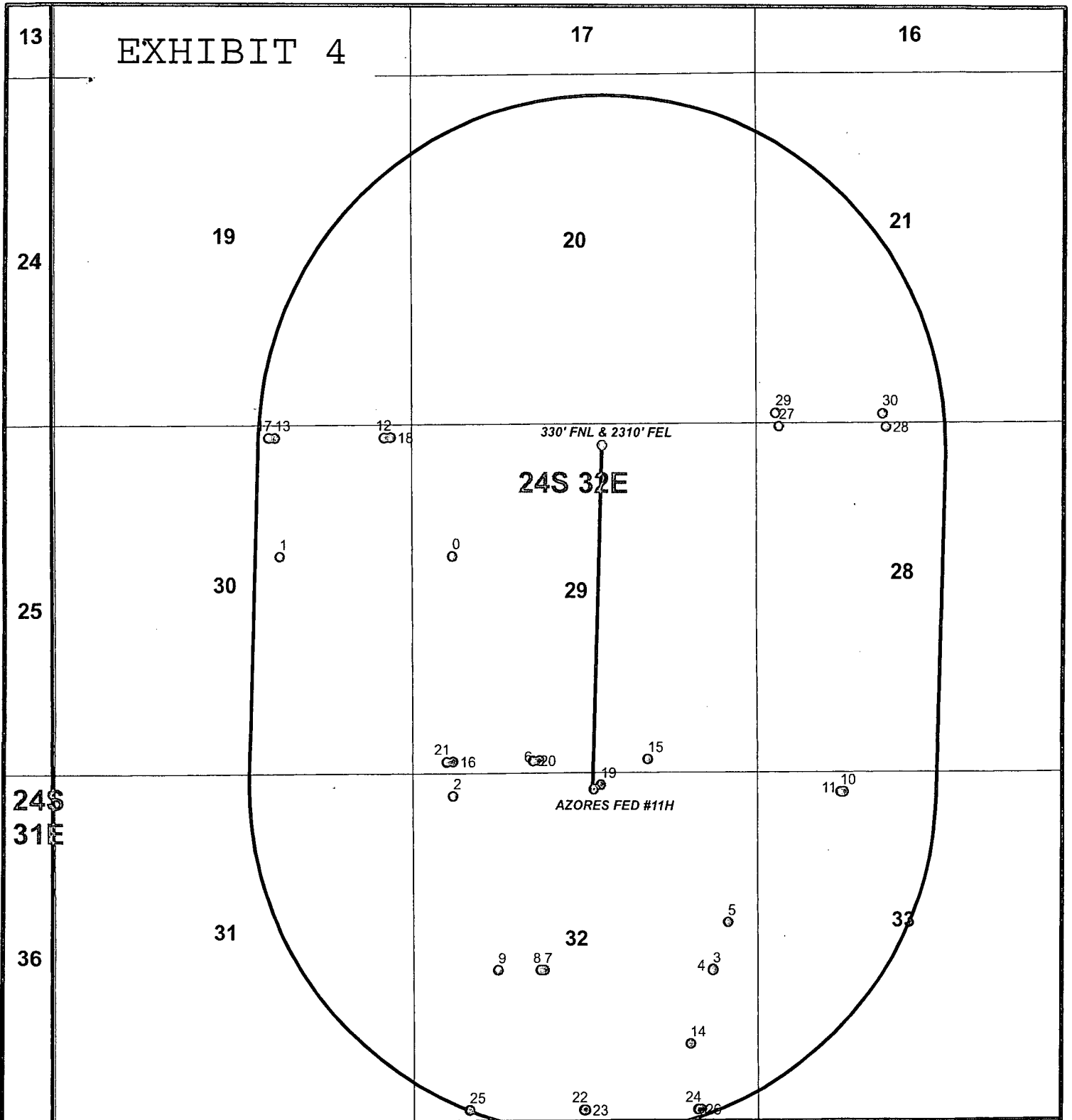
1 IN = 4,000 FT

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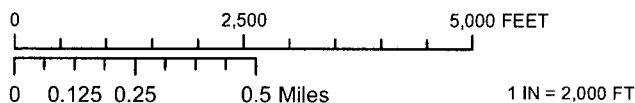
DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH JANUARY 24, 2016

LEGEND

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

AZORES FEDERAL #11H

SEC: 32	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3491.7'
STATE: NEW MEXICO	COUNTY: LEA	210' FNL & 2470' FEL	
W.O. # 15-1374	LEASE: AZORES FED	SURVEY: N.M.P.M	



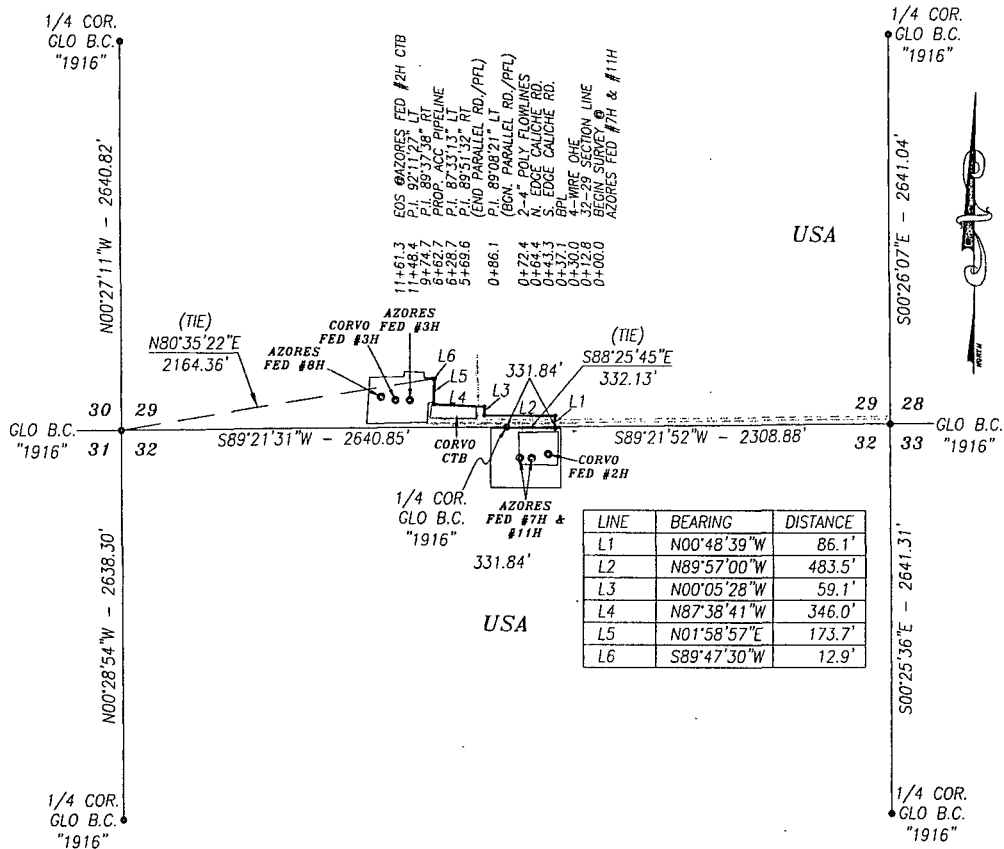
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FID	Shape *	OPERATOR	WELL_NAME	AZORES FEDERAL #11H	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTI	COMPL_STAT
0	Point	STANOLIND OIL & GAS CO	PAYNE 001	32.19018 -103.7031	3E+09	29	24.05	32E	1980 N	660 W		4811	Plugged
1	Point	FORTE ENERGY CORP	PADUCA FEDERAL 001	32.19015 -103.7117	3E+09	30	24.05	32E	1980 N	1980 E		15531	Plugged
2	Point	YATES PETROLEUM CORPORATION	CALCUTTA BRZ STATE 001H	32.18018 -103.7031	3E+09	32	24.05	32E	330 N	660 W		60	Plugged
3	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE 001I	32.17279 -103.6902	3E+09	32	24.05	32E	2301 S	661 E		0	New (Not drilled or compl)
4	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 001H	32.17293 -103.6902	3E+09	32	24.05	32E	2310 S	660 E		15522	New (Not drilled or compl)
5	Point	YATES PETROLEUM CORPORATION	BOMBAY BSB FEDERAL COM 001H	32.1749 -103.6894	3E+09	32	24.05	32E	2310 N	430 E		12837	New (Not drilled or compl)
6	Point	COG PRODUCTION, LLC	AZORES FEDERAL 003H	32.1749 -103.6894	3E+09	32	24.05	32E	190 S	1980 W		10577	New (Not drilled or compl)
7	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 002H	32.1729 -103.6986	3E+09	32	24.05	32E	2310 S	2030 W		0	New (Not drilled or compl)
8	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 003H	32.1729 -103.6986	3E+09	32	24.05	32E	2310 S	1980 W		8302	New (Not drilled or compl)
9	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 004H	32.17289 -103.7009	3E+09	32	24.05	32E	2310 S	1330 W		8289	New (Not drilled or compl)
10	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 33 4 FEDERAL COM 001H	32.18037 -103.6838	3E+09	33	24.05	32E	330 N	1295 W		8432	New (Not drilled or compl)
11	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 33 4 FEDERAL COM 002H	32.18038 -103.6837	3E+09	33	24.05	32E	330 N	1345 W		8429	New (Not drilled or compl)
12	Point	COG PRODUCTION, LLC	WINDWARD FEDERAL 004H	32.19511 -103.7065	3E+09	30	24.05	32E	190 N	430 E		10516	New (Not drilled or compl)
13	Point	COG PRODUCTION, LLC	WINDWARD FEDERAL 003H	32.19509 -103.7119	3E+09	30	24.05	32E	190 N	2100 E		10579	New (Not drilled or compl)
14	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE SWD 002	32.16982 -103.6913	3E+09	32	24.05	32E	1180 S	1000 E		0	New (Not drilled or compl)
15	Point	COG PRODUCTION, LLC	AZORES FEDERAL 002H	32.18173 -103.6934	3E+09	29	24.05	32E	190 S	1650 E		10611	New (Not drilled or compl)
16	Point	COG PRODUCTION, LLC	AZORES FEDERAL 004H	32.18161 -103.7031	3E+09	29	24.05	32E	190 S	660 W		10552	New (Not drilled or compl)
17	Point	COG PRODUCTION, LLC	KING TUT FEDERAL 003H	32.19509 -103.7122	3E+09	30	24.05	32E	190 N	2200 E		0	New (Not drilled or compl)
18	Point	COG PRODUCTION, LLC	KING TUT FEDERAL 004H	32.19511 -103.7062	3E+09	32	24.05	32E	190 N	330 E		8475	New (Not drilled or compl)
19	Point	COG PRODUCTION, LLC	CORVO FEDERAL 002H	32.18065 -103.6957	3E+09	32	24.05	32E	190 N	2370 E		8464	New (Not drilled or compl)
20	Point	COG PRODUCTION, LLC	CORVO FEDERAL 003H	32.18166 -103.6991	3E+09	29	24.05	32E	190 S	1880 W		8446	New (Not drilled or compl)
21	Point	COG PRODUCTION, LLC	CORVO FEDERAL 004H	32.18161 -103.7034	3E+09	29	24.05	32E	190 S	560 W		8439	New (Not drilled or compl)
22	Point	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 003H	32.16711 -103.6966	3E+09	32	24.05	32E	200 S	2630 W		0	New (Not drilled or compl)
23	Point	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 004H	32.16711 -103.6965	3E+09	32	24.05	32E	200 S	2600 E		0	New (Not drilled or compl)
24	Point	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 006H	32.16713 -103.6908	3E+09	32	24.05	32E	200 S	830 E		0	New (Not drilled or compl)
25	Point	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 002H	32.16709 -103.7023	3E+09	32	24.05	32E	200 S	880 W		0	New (Not drilled or compl)
26	Point	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 005H	32.16713 -103.6909	3E+09	32	24.05	32E	200 S	880 E		0	New (Not drilled or compl)
27	Point	XTO ENERGY, INC	CAZADOR FEDERAL 001H	32.19557 -103.6869	3E+09	28	24.05	32E	100 N	370 W		0	New (Not drilled or compl)
28	Point	XTO ENERGY, INC	CAZADOR FEDERAL 002H	32.19555 -103.6816	3E+09	28	24.05	32E	100 N	2005 W		0	New (Not drilled or compl)
29	Point	XTO ENERGY, INC	OUTRIDER FEDERAL 001H	32.19612 -103.6817	3E+09	21	24.05	32E	100 S	320 W		0	New (Not drilled or compl)
30	Point	XTO ENERGY, INC	OUTRIDER FEDERAL 002H	32.1961 -103.6817	3E+09	21	24.05	32E	100 S	1955 W		0	New (Not drilled or compl)

FLOWLINE PLAT **COG OPERATING, LLC.**

A 2-7/8" OIL, GAS, WATER FLOWLINE FROM THE AZORES FED #7H & #11H TO
THE AZORES FED #3H CTB IN
SECTIONS 29 & 32, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 1161.3 FEET OR 70.38 RODS OR 0.220 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 29 & 32, 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.

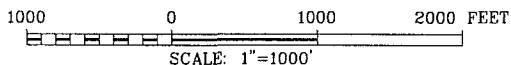


Chad Harcrow
CHAD HARCROW N.M.P.S. NO. 17777

2/1/16
DATE

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c.harcrow@harcrowsurveying.com



COG OPERATING, LLC

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

SURVEY DATE: JANUARY 26, 2016

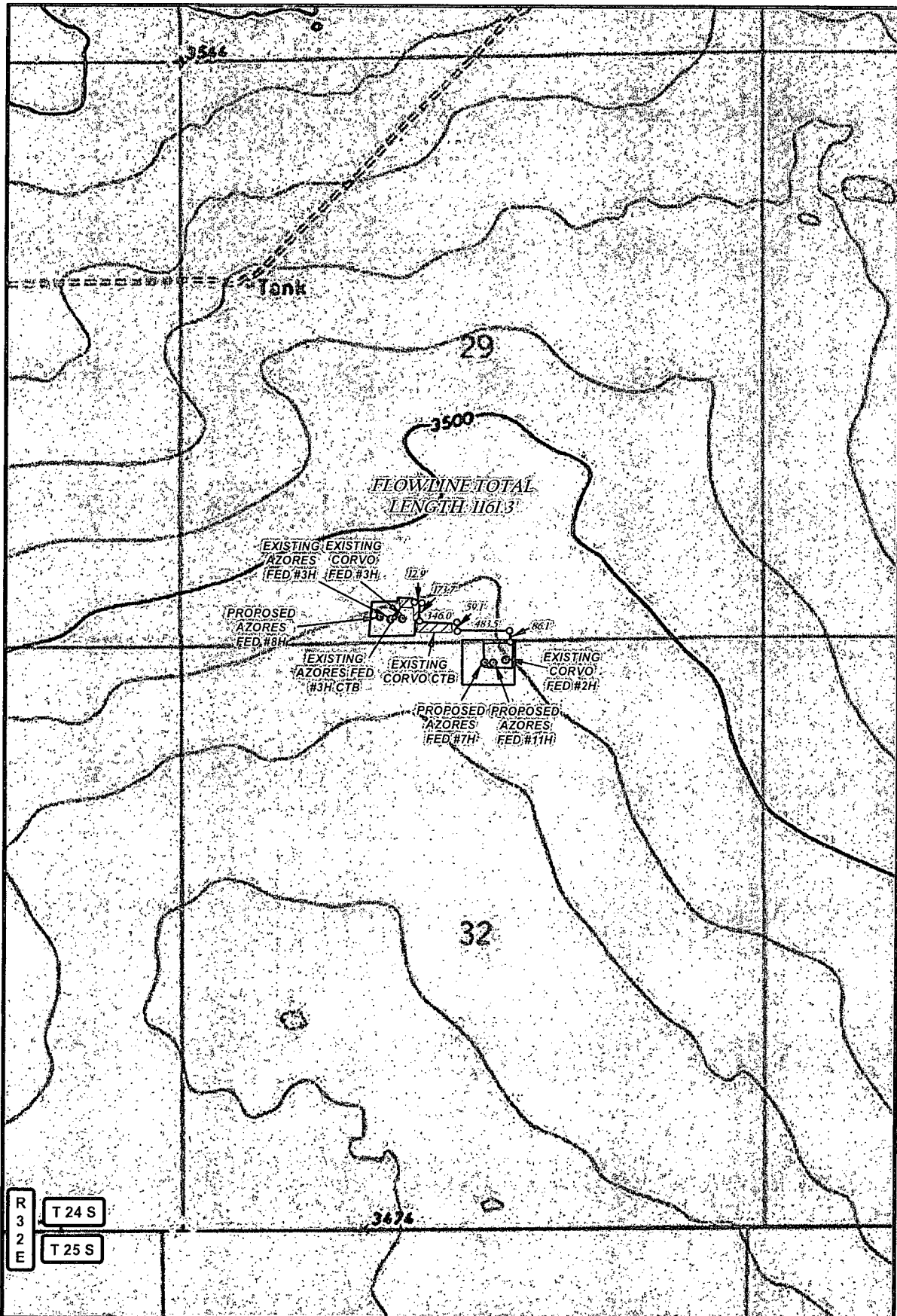
DRAFTING DATE: JANUARY 29, 2016

APPROVED BY: CH

DRAWN BY: SP

PAGE 1 OF 1

FILE: 16-55



LEGEND

○ WELL

□ WELLPAD

— FLOWLINE

AZORES FED #7H & #11H FLOWLINE

SECTIONS: 29 & 32 TOWNSHIP: 24 S. RANGE: 32 E.

STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M

W.O. # 16-55

LEASE: AZORES FED

0 2,500 FEET

0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

CONCHO
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charcrow@harcrowsurveying.com



R 32 E
T 24 S
T 25 S

LEGEND

- WELL
- WELLPAD
- FLOWLINE

AZORES FED #7H & #11H FLOWLINE

SECTIONS: 29 & 32	TOWNSHIP: 24 S.	RANGE: 32 E.
STATE: NEW MEXICO	COUNTY: LEA	SURVEY: N.M.P.M
W.O. # 16-55		LEASE: AZORES FED

0 0.05 0.1 0.2 Miles

0 2,500 FEET

1 IN = 1,000 FT

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R
3
2
E

T 24 S

T 25 S

LEGEND

● WELL

□ WELLPAD

— FLOWLINE

AZORES FED #7H & #11H FLOWLINE

SECTIONS: 29 & 32 TOWNSHIP: 24 S. RANGE: 32 E.

STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M

W.O. # 16-55

LEASE: AZORES FED

0 2,500 FEET

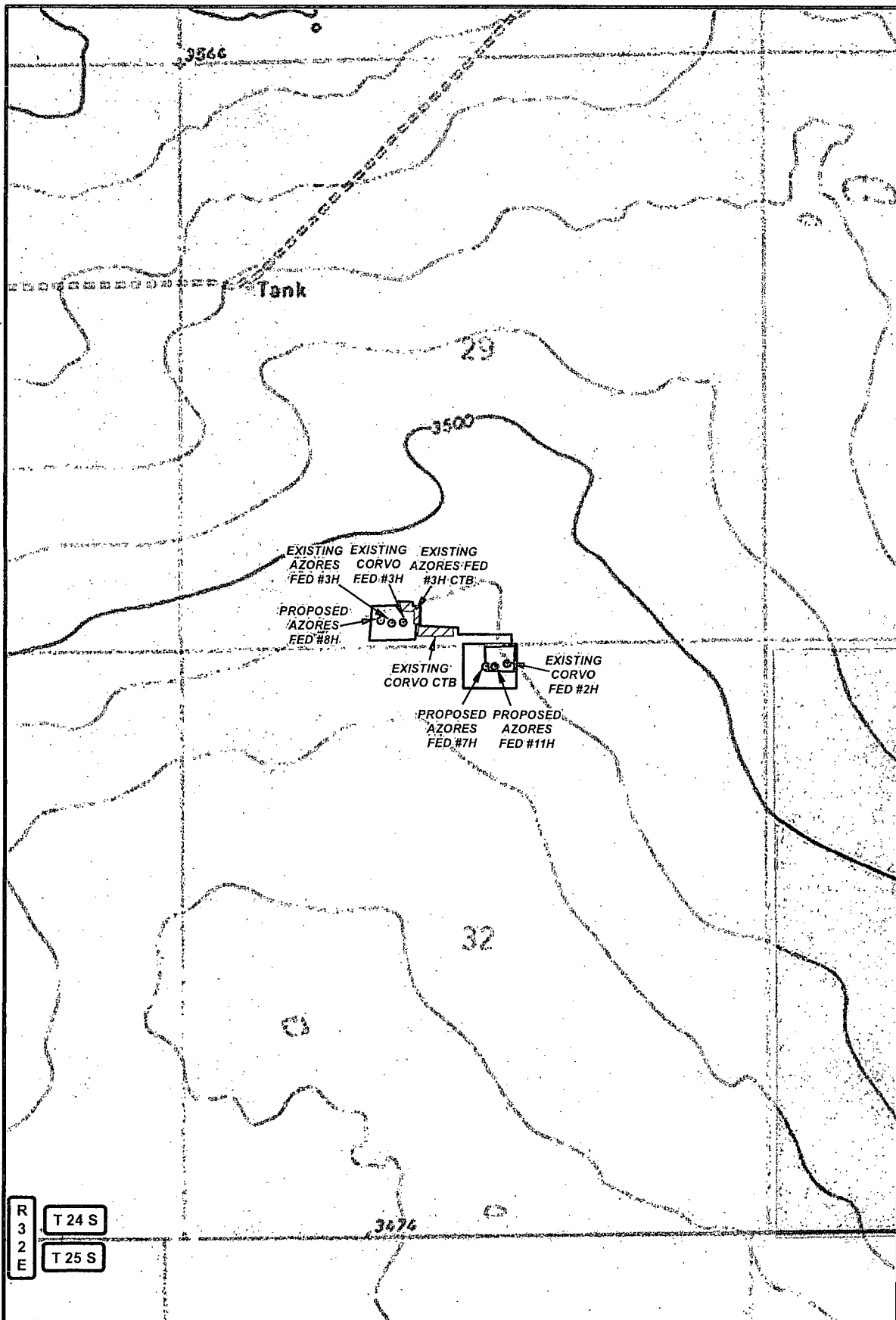
0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

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LEGEND

- WELL
- WELLPAD
- FLOWLINE
- PRIVATE
- STATE OF NM

AZORES FED #7H & #11H FLOWLINE

SECTIONS: 29 & 32 TOWNSHIP: 24 S. RANGE: 32 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M.
 W.O. # 16-55 LEASE: AZORES FED

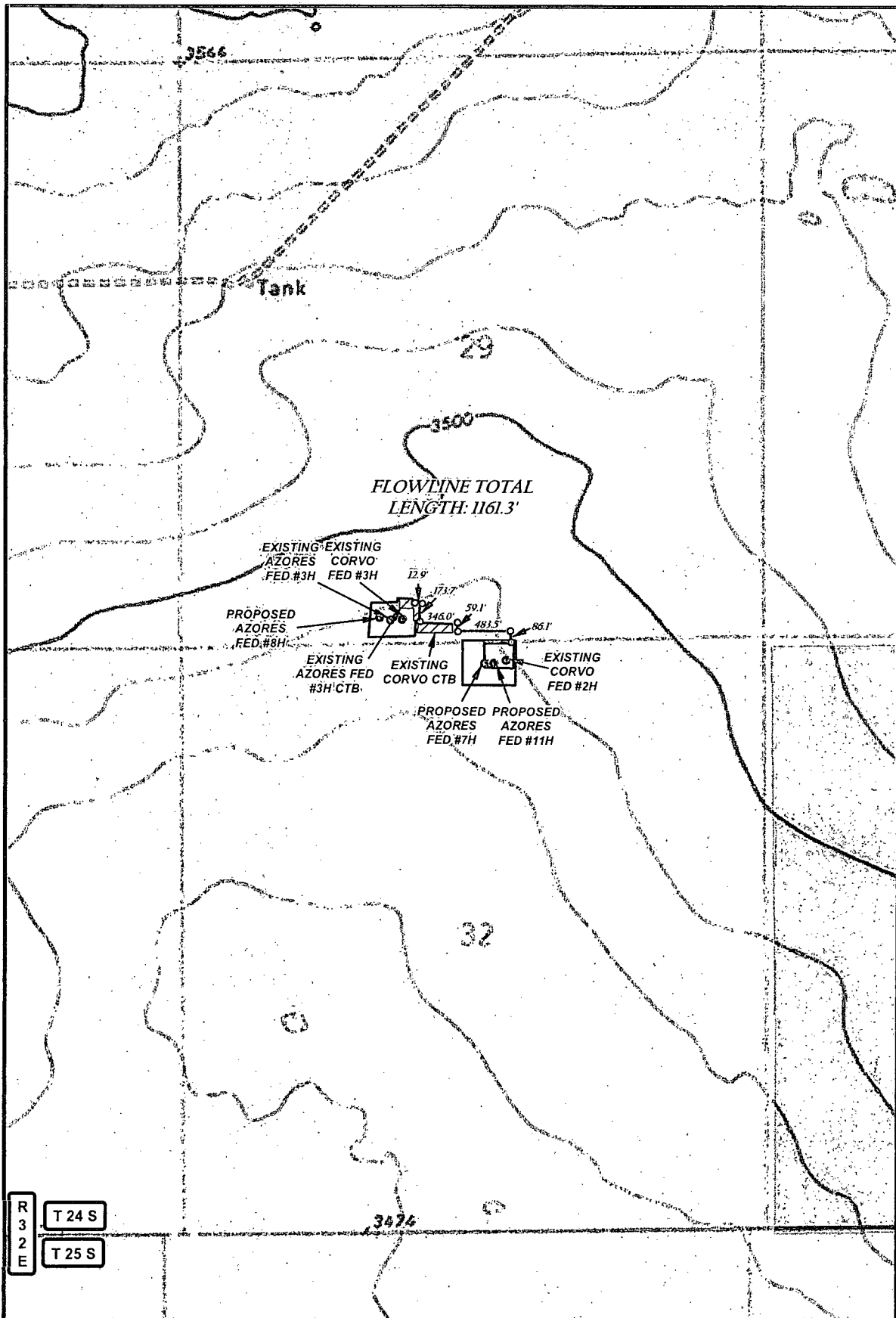
0 2,500 FEET

0 0.05 0.1 0.2 Miles

1 IN = 1,000 FT

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 charcrow@harcrowsurveying.com



LEGEND • WELL WELLPAD FLOWLINE PRIVATE STATE OF NM		AZORES FED #7H & #11H FLOWLINE SECTIONS: 29 & 32 TOWNSHIP: 24 S. RANGE: 32 E. STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M. W.O. # 16-55 LEASE: AZORES FED		 HARCROW SURVEYING, LLC. 2314 W. MAIN ST, ARTESIA, NM 88210 PH: (575) 746-2158 FAX: (575) 746-2158 c.harcrow@harcrowsurveying.com
 0 0.05 0.1 0.2 Miles 1 IN = 1,000 FT		0 2,500 FEET		