

HOBBS

APR 21 2016

RECEIVED

Revised August 11, 2011
Submit one copy to appropriate District Office

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3482

State 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 30-025- 43178	Pool Code 97899	Pool Name WC-025 G-06 S253206M; Bone Spring
Property Code 39881	Property Name AZORES FEDERAL	Well Number 12H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3496.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	29	24-S	32-E		210	SOUTH	1680	WEST	LEA

Bottom Hole Location If Different From Surface

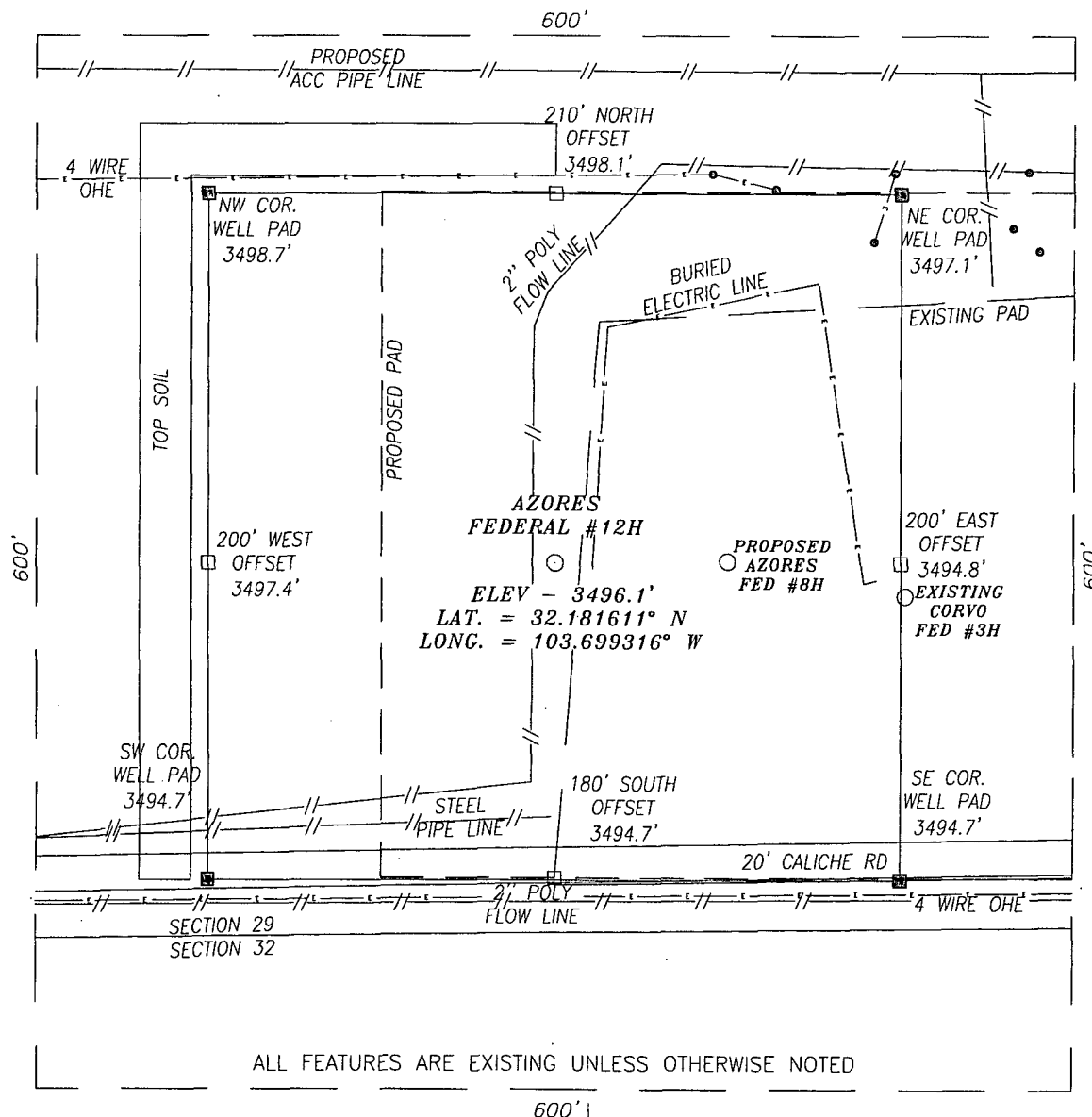
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	24-S	32-E		330	NORTH	990	WEST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

PROJECT AREA PRODUCING AREA NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=435100.8 N X=695434.9 E LAT.=32.194631° N LONG.=103.701555° W NAD 27 SURFACE LOCATION Y=430368.5 N X=696155.5 E LAT.=32.181611° N LONG.=103.699316° W Y=430154.5 N X=695797.6 E Y=430169.2 N X=697117.9 E HORIZ. DIST. = 4786.8' GRID AZ = 351.2031° S.L. = 210'	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: 3/17/16 Printed Name: Melanie J Wilson E-mail Address: mwilson@concho.com
	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. NOVEMBER 30, 2015 Date of Survey Signature & Seal of Professional Surveyor Certificate No. CHAD HARCROW 17777 W.O. # 15-1372 DRAWN BY: AF

APR 22 2016

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. 2.1 MILES; THEN TURN RIGHT AND GO APPROX. 1.6 MILES TO THE EXISTING CORVO FED #3H AND AZORES FED #3H PAD; PROPOSED WELL IS APPROX. 203 FEET WEST OF THE CORVO FED #3H.

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.

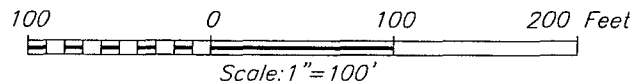


Chad Harcrow

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

3/17/16

DATE



COG PRODUCTION, LLC

AZORES FEDERAL #12H WELL
LOCATED 210 FEET FROM THE SOUTH LINE
AND 1680 FEET FROM THE WEST LINE OF SECTION 29,
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: NOV. 30, 2015

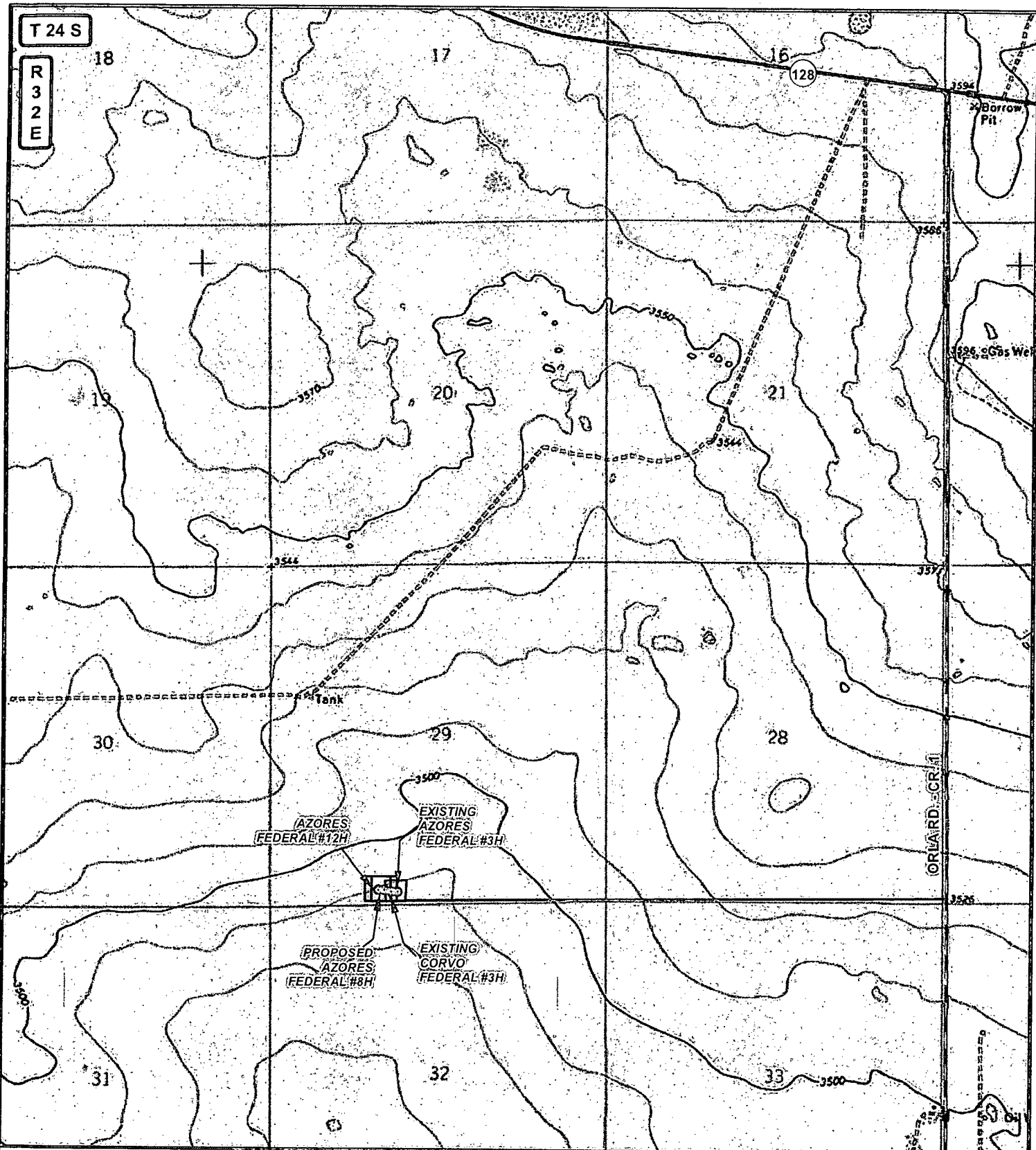
PAGE: 1 OF 1

DRAFTING DATE: DEC. 3, 2015

APPROVED BY: CH

DRAWN BY: AF

FILE: 15-1372

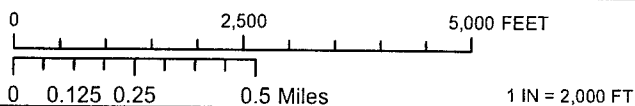


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

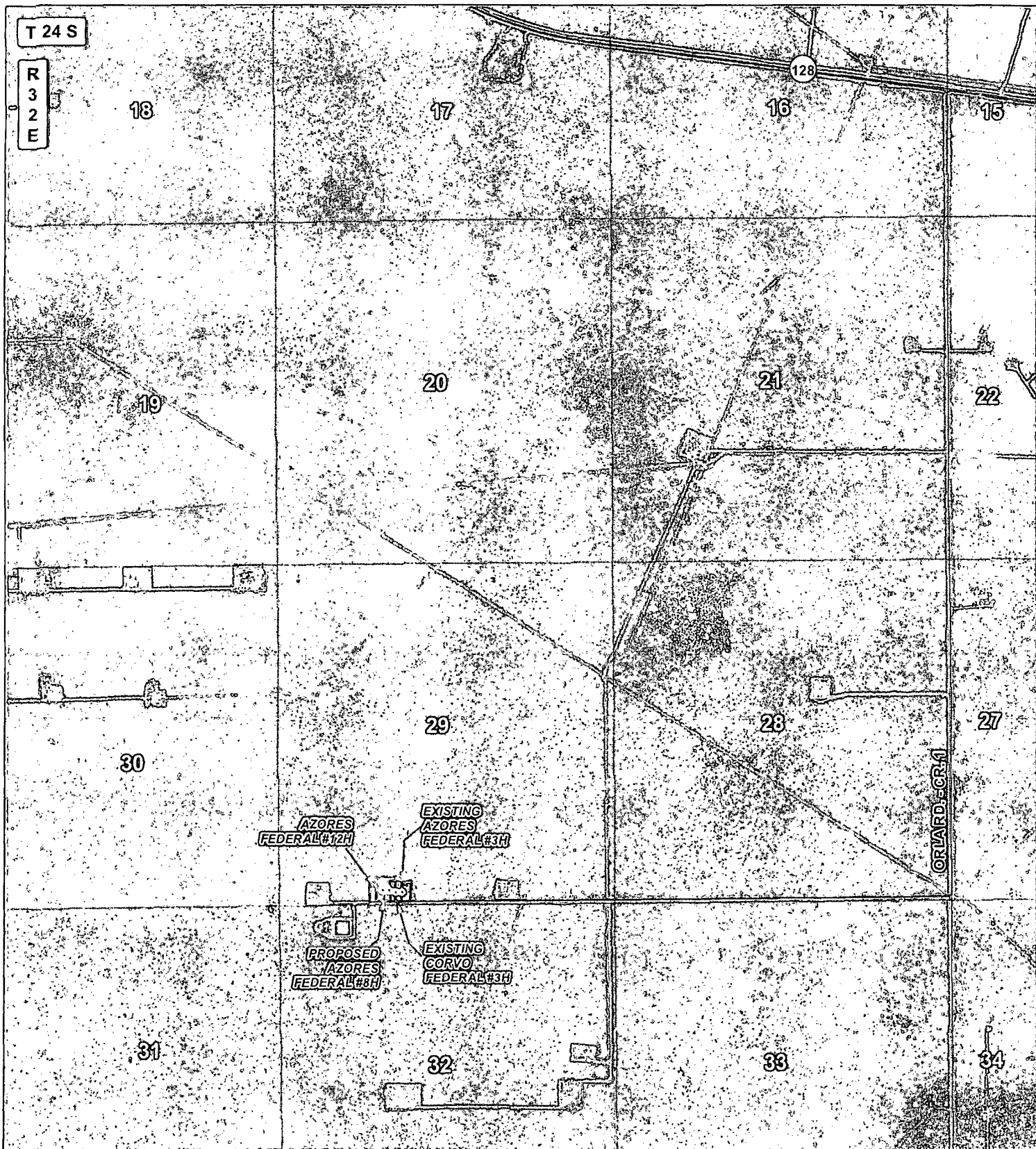
AZORES FEDERAL #12H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3496.1'
 STATE: NEW MEXICO COUNTY: LEA 210' FSL & 1680' FWL
 W.O. # 15-1372 LEASE: AZORES FED SURVEY: N.M.P.M



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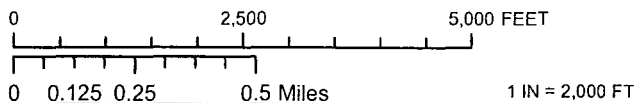


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AZORES FEDERAL #12H

SEC: 29	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3496.1'
STATE: NEW MEXICO	COUNTY: LEA	210' FSL & 1680' FWL	
W.O. # 15-1372	LEASE: AZORES FED	SURVEY: N.M.P.M	

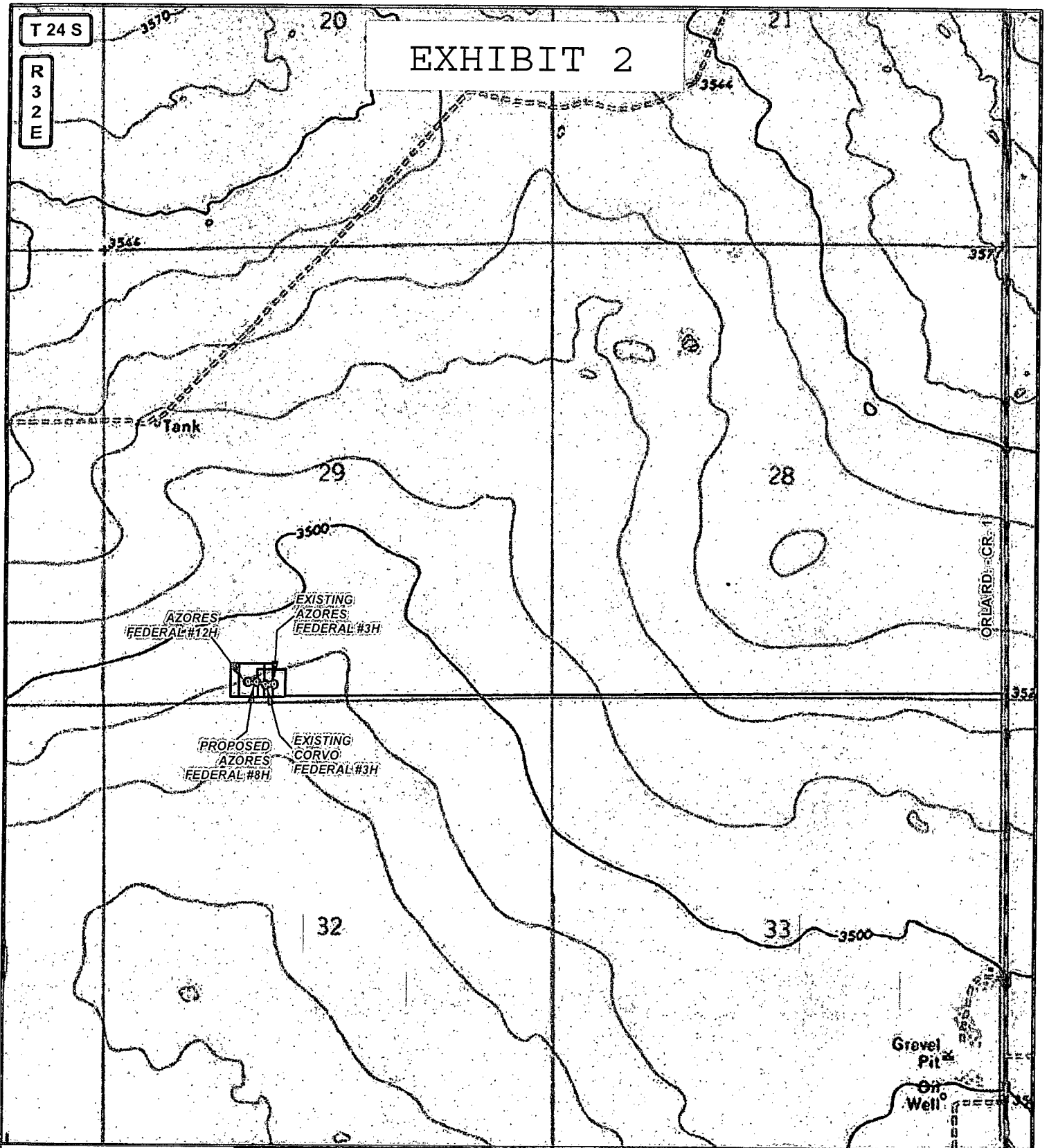


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EXHIBIT 2



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AZORES FEDERAL #12H

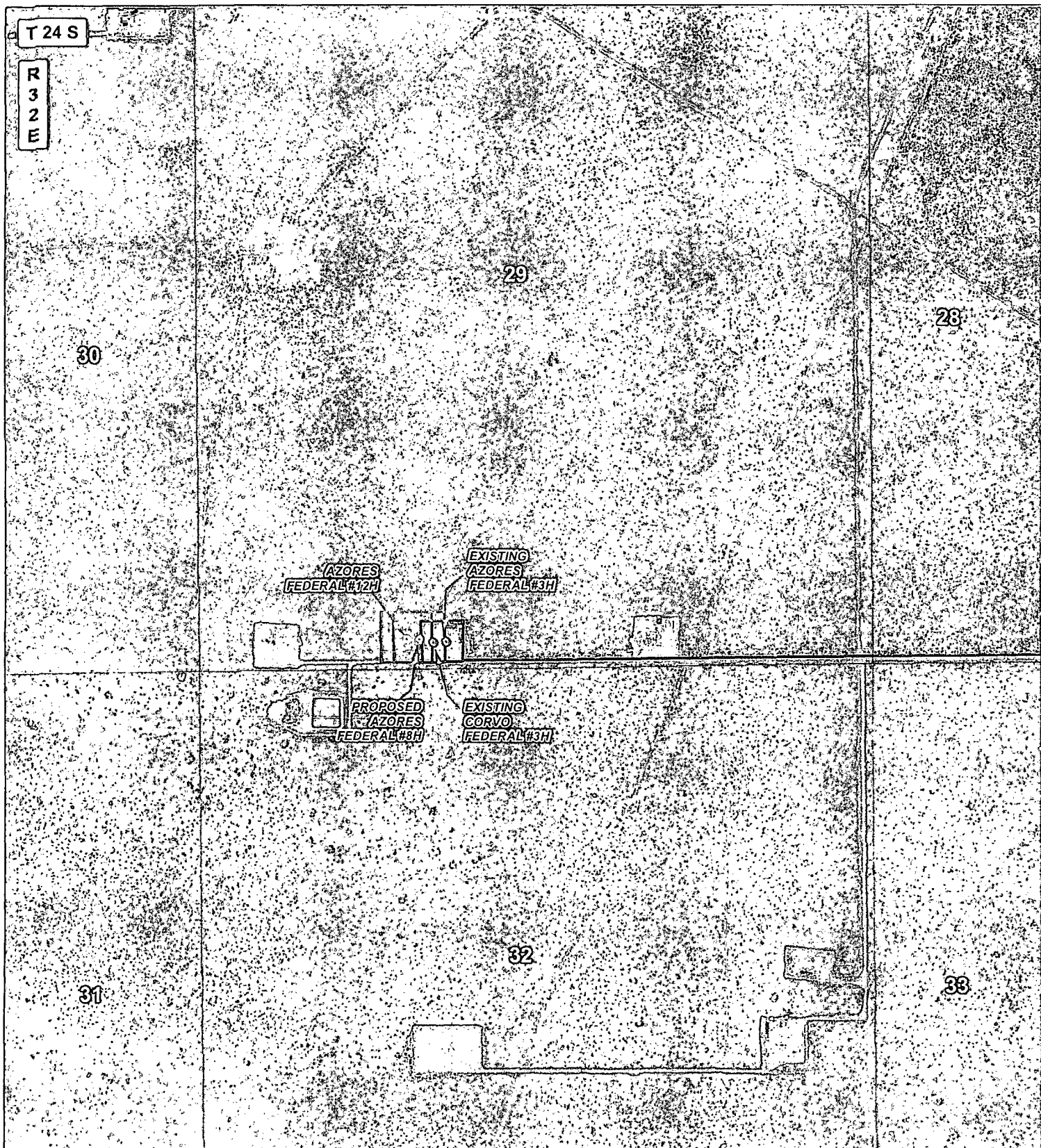
SEC: 29	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3496.1'
STATE: NEW MEXICO	COUNTY: LEA	210' FSL & 1680' FWL	
W.O. # 15-1372	LEASE: AZORES FED	SURVEY: N.M.P.M	

0 2,500 FEET

0 0.1 0.2 0.4 Miles 1 IN = 1,500 FT

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LEGEND

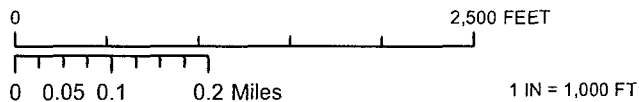
○ WELL

□ WELLPAD

— EXISTING ROAD

AZORES FEDERAL #12H

SEC: 29	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3496.1'
STATE: NEW MEXICO	COUNTY: LEA	210' FSL & 1680' FWL	
W.O. # 15-1372	LEASE: AZORES FED	SURVEY: N.M.P.M	

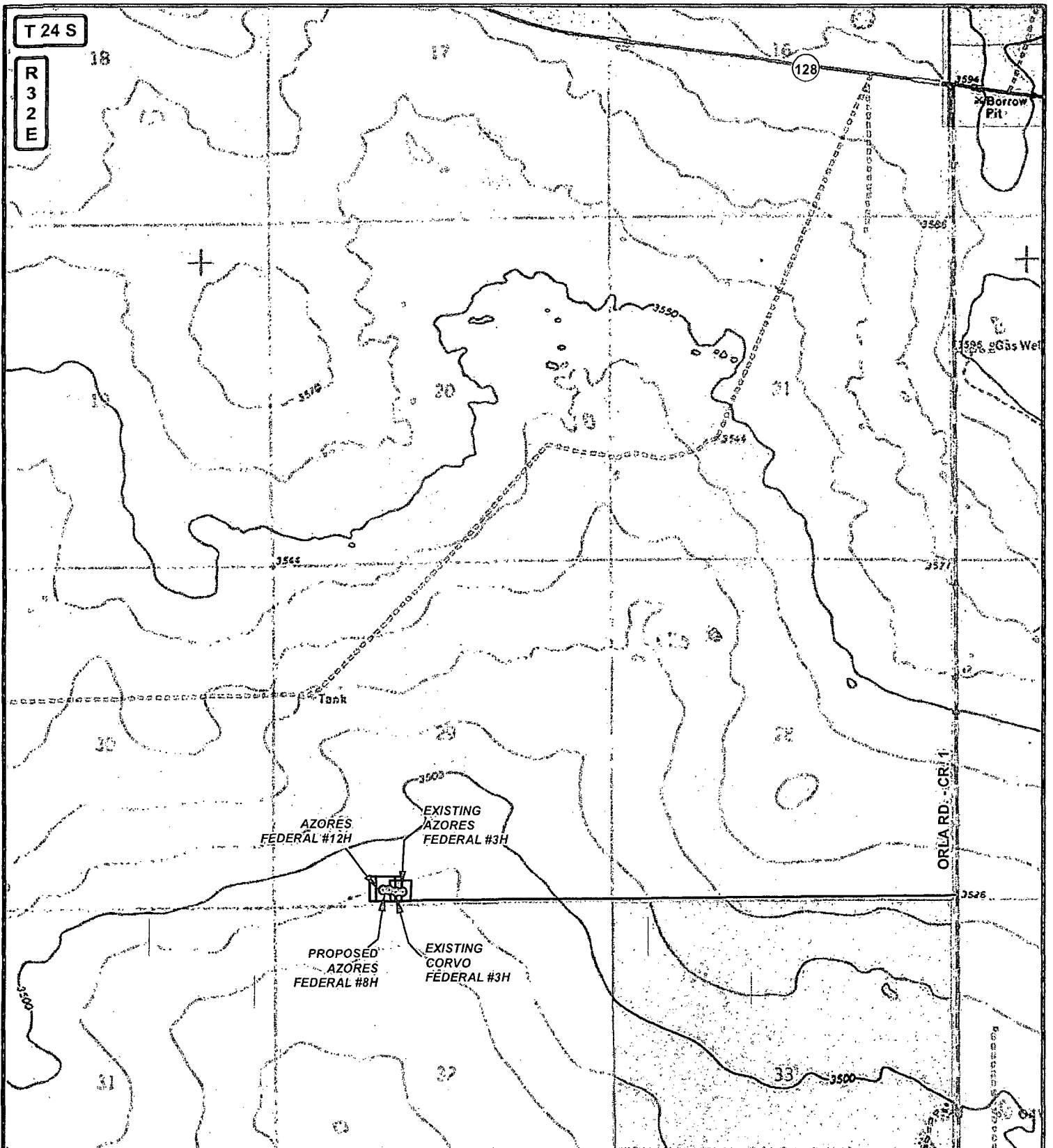


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LEGEND

● WELL

□ WELLPAD

— EXISTING ROAD

□ PRIVATE

□ STATE OF NM

□ US BLM

AZORES FEDERAL #12H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3496.1'
 STATE: NEW MEXICO COUNTY: LEA 210' FSL & 1680' FWL
 W.O. # 15-1372 LEASE: AZORES FED SURVEY: N.M.P.M

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

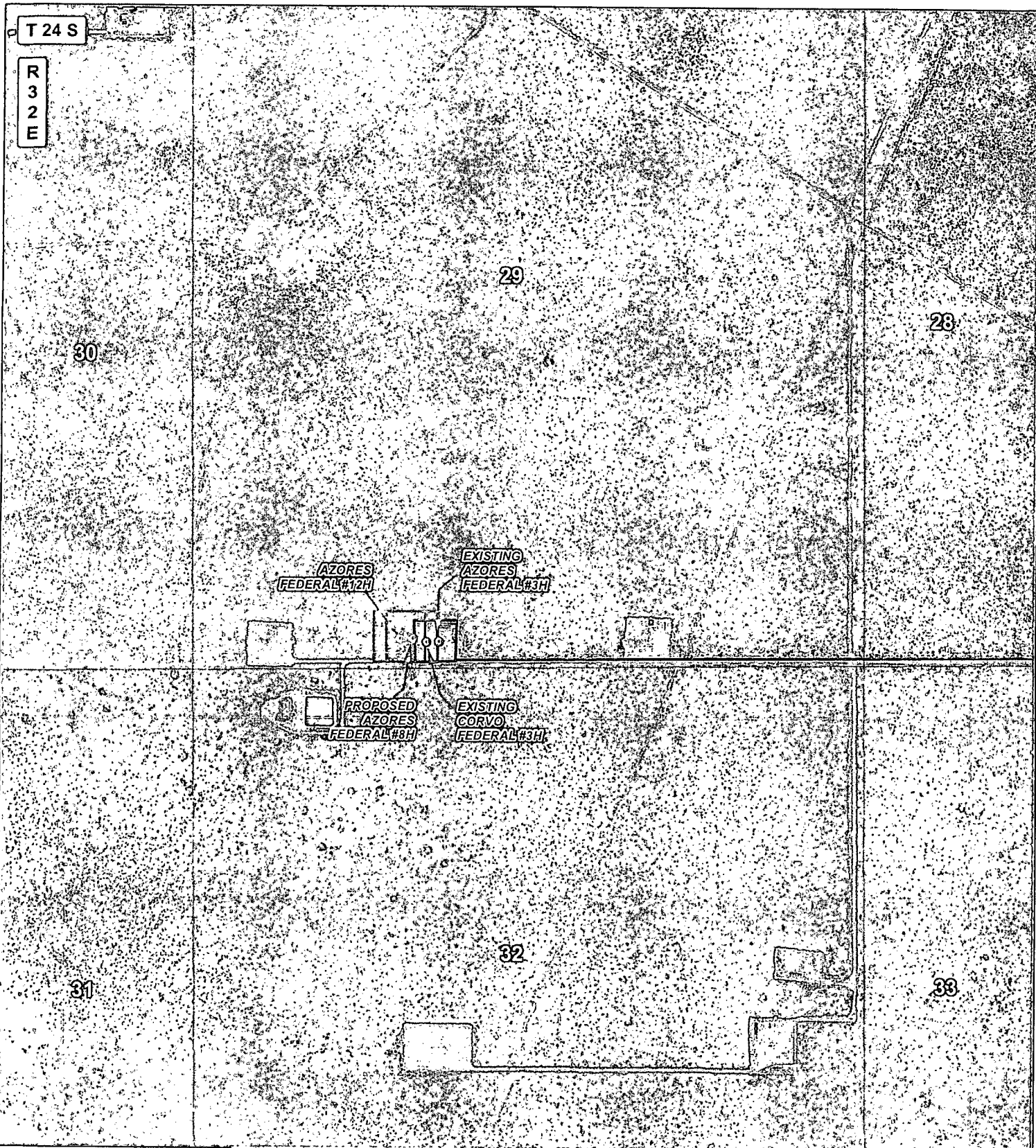
1 IN = 2,000 FT



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LEGEND

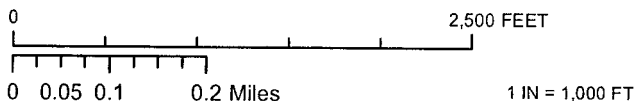
○ WELL

□ WELLPAD

— EXISTING ROAD

AZORES FEDERAL #12H

SEC: 29 TWP: 24 S. RGE: 32 E. ELEVATION: 3496.1'
 STATE: NEW MEXICO COUNTY: LEA 210' FSL & 1680' FWL
 W.O. # 15-1372 LEASE: AZORES FED SURVEY: N.M.P.M



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EXHIBIT 4

18

17

16

24

19

20

21

24S 31E

25

30

29

28

36

31

32

33

330' FNL & 990' FWL

24S 32E

AZORES
FEDERAL #12H

DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH NOVEMBER 14, 2015.

25S 31E

LEGEND

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

AZORES FEDERAL #12H

SEC: 29	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3496.1'
STATE: NEW MEXICO	COUNTY: LEA	210' FSL & 1680' FWL	
W.O. # 15-1372	LEASE: AZORES FED	SURVEY: N.M.P.M	

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

1 IN = 2,156 FT

CONCHO

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AZORES FEDERAL #12H														
FID	Shape *	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
0	Point	STANOLIND OIL & GAS CO	PAYNE 001	32.190181	-103.703114	3002512715	29 24.05	32E	1980 N		660 W		4811	Plugged
1	Point	FORTE ENERGY CORP	PADUCA FEDERAL 001	32.190153	-103.711689	3002526234	30 24.05	32E	1980 N		1980 E		15531	Plugged
2	Point	COG PRODUCTION, LLC	TURQUOISE 30 FEDERAL SWD 001	32.190274	-103.716568	3002533455	32 24.05	32E	1930 N		1980 W		8754	Plugged
3	Point	YATES PETROLEUM CORPORATION	CALCUTTA BRZ STATE 001H	32.180179	-103.703088	3002540453	30 24.05	32E	330 N		660 W		60	Plugged
4	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE 001H	32.172904	-103.690219	3002540495	32 24.05	32E	2301 S		661 E		0	New (Not drilled or compl)
5	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 001H	32.172928	-103.690216	3002540583	32 24.05	32E	2310 S		660 E		15522	New (Not drilled or compl)
6	Point	YATES PETROLEUM CORPORATION	BOMBAY BSB FEDERAL COM 001H	32.1749	-103.68967	3002540718	32 24.05	32E	2310 N		430 E		12837	New (Not drilled or compl)
7	Point	COG PRODUCTION, LLC	AZORES FEDERAL 003H	32.181662	-103.698801	3002541158	29 24.05	32E	190 S		1980 W		10577	New (Not drilled or compl)
8	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 002H	32.172901	-103.698585	3002541170	32 24.05	32E	2310 S		2030 W		0	New (Not drilled or compl)
9	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 003H	32.172901	-103.698748	3002541171	32 24.05	32E	2310 S		1980 W		8302	New (Not drilled or compl)
10	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 004H	32.172894	-103.700859	3002541172	32 24.05	32E	2310 S		1330 W		8289	New (Not drilled or compl)
11	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 33 4 FEDERAL COM 001H	32.180374	-103.683837	3002541263	33 24.05	32E	330 N		1295 W		8432	New (Not drilled or compl)
12	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 33 4 FEDERAL COM 002H	32.180375	-103.683674	3002541264	33 24.05	32E	330 N		1345 W		8429	New (Not drilled or compl)
13	Point	COG PRODUCTION, LLC	WINDWARD FEDERAL 002H	32.195078	-103.717262	3002541408	30 24.05	32E	190 N		1750 W		0	New (Not drilled or compl)
14	Point	COG PRODUCTION, LLC	WINDWARD FEDERAL 004H	32.19511	-103.706489	3002541412	30 24.05	32E	190 N		430 E		10516	New (Not drilled or compl)
15	Point	COG PRODUCTION, LLC	WINDWARD FEDERAL 003H	32.195094	-103.711914	3002541413	30 24.05	32E	190 N		2100 E		10579	New (Not drilled or compl)
16	Point	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE SWD 002	32.168819	-103.691312	3002541524	32 24.05	32E	1180 S		1000 E		0	New (Not drilled or compl)
17	Point	COG PRODUCTION, LLC	AZORES FEDERAL 002H	32.181728	-103.693402	3002541534	29 24.05	32E	190 S		1650 E		10611	New (Not drilled or compl)
18	Point	COG PRODUCTION, LLC	AZORES FEDERAL 004H	32.181609	-103.703089	3002541535	29 24.05	32E	190 S		660 W		10552	New (Not drilled or compl)
19	Point	COG PRODUCTION, LLC	KING TUT FEDERAL 002H	32.195077	-103.717587	3002541558	30 24.05	32E	190 N		1650 W		8415	New (Not drilled or compl)
20	Point	COG PRODUCTION, LLC	KING TUT FEDERAL 003H	32.195093	-103.712239	3002541559	30 24.05	32E	190 N		2200 E		0	New (Not drilled or compl)
21	Point	COG PRODUCTION, LLC	KING TUT FEDERAL 004H	32.195111	-103.706164	3002541560	30 24.05	32E	190 N		330 E		8475	New (Not drilled or compl)
22	Point	COG PRODUCTION, LLC	CORVO FEDERAL 002H	32.180654	-103.695766	3002541910	32 24.05	32E	190 N		2370 E		8464	New (Not drilled or compl)
23	Point	COG PRODUCTION, LLC	CORVO FEDERAL 003H	32.181658	-103.699125	3002541911	29 24.05	32E	190 S		1880 W		8446	New (Not drilled or compl)
24	Point	COG PRODUCTION, LLC	CORVO FEDERAL 004H	32.181605	-103.703414	3002541912	29 24.05	32E	190 S		560 W		8439	New (Not drilled or compl)
25	Point	XTO ENERGY, INC	CAZADOR FEDERAL 001H	32.195567	-103.686863	3002542869	28 24.05	32E	100 N		370 W		0	New (Not drilled or compl)
26	Point	XTO ENERGY, INC	OUTRIDER FEDERAL 001H	32.196117	-103.687028	3002542883	21 24.05	32E	100 S		320 W		0	New (Not drilled or compl)