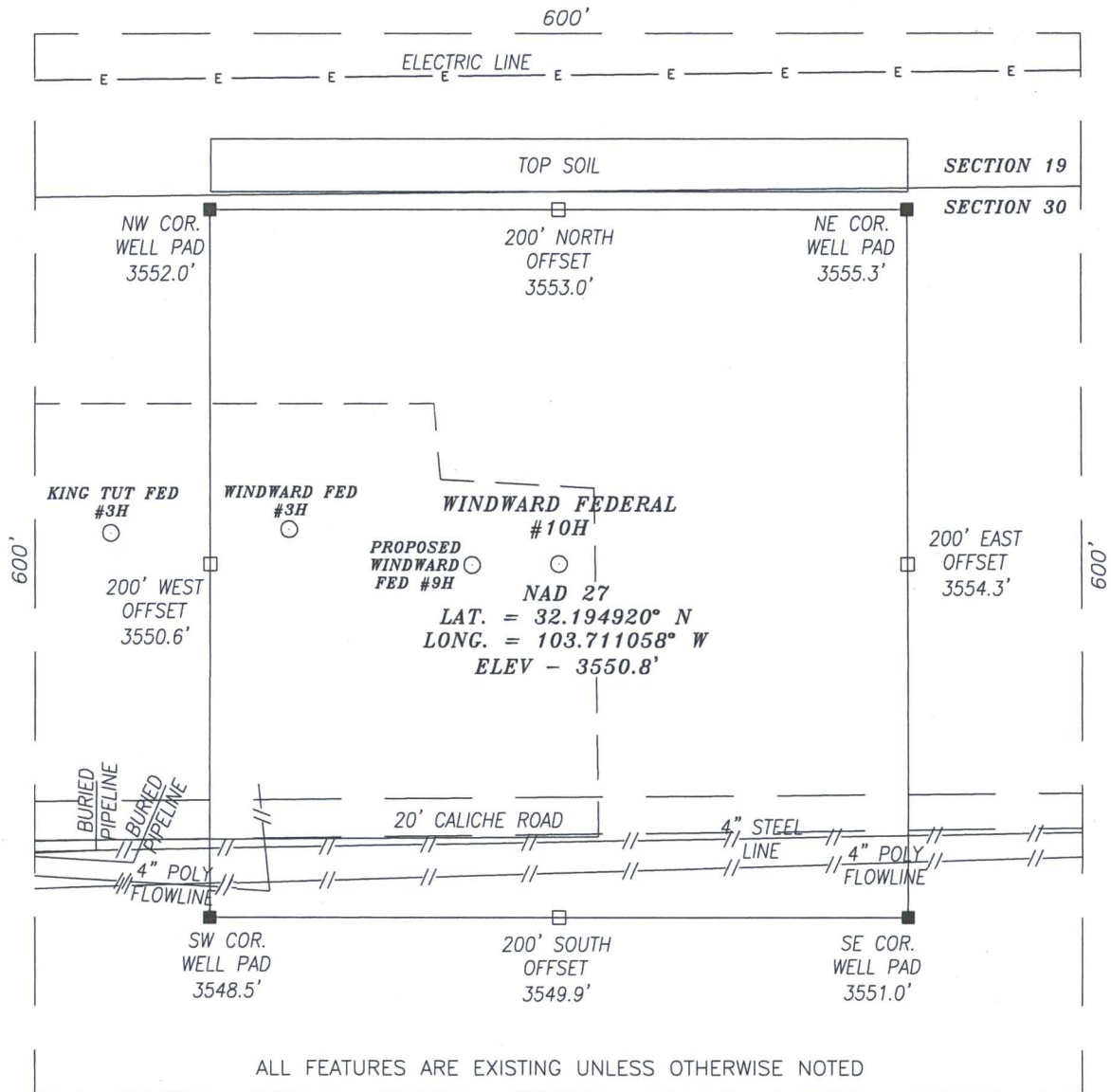


SECTION 30, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



ALL FEATURES ARE EXISTING UNLESS OTHERWISE NOTED

DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF THE HWY 128 & BUCK JACKSON (CR 786), GO SOUTHWEST ON BUCK JACKSON FOR APPROX. 0.4 MILES; THEN TURN LEFT (SOUTH) AND GO APPROX. 2.5 MILES; THEN TURN LEFT (EAST) AND GO APPROX. 0.7 MILES TO THE EXISTING KING TUT FED #3H/WINDWARD FED #3H PAD; THEN PROPOSED LOCATION IS APPROX. 150 FEET NORTH.

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c.harcrow@harcrowsurveying.com



CERTIFICATION

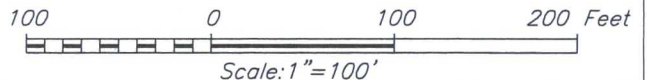
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



Chad Harcrow

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

6/1/16
DATE



COG PRODUCTION, LLC

WINDWARD FEDERAL #10H WELL
LOCATED 210 FEET FROM THE NORTH LINE
AND 1950 FEET FROM THE EAST LINE OF SECTION 30,
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

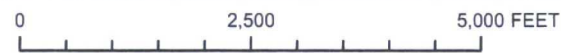
SURVEY DATE: MAY 26, 2016	PAGE: 1 OF 1
DRAFTING DATE: MAY 27, 2016	
APPROVED BY: CH	DRAWN BY: CH FILE: 16-408

LEGEND

-  WELL
 WELLPAD
 EXISTING ROAD

WINDWARD FEDERAL #10H

SEC: 30	TWP: 24 S.	RGE: 32 E.	ELEVATION: 3550.8'
STATE: NEW MEXICO		COUNTY: LEA	210' FNL & 1950' FEL
W.O. # 16-408		LEASE: WINDWARD FED	SURVEY: N.M.P.M



0 0.125 0.25 0.5 Miles

1 IN = 2,000 FT

LOCATION MAP

TOPO

05/31/2016

S.P.



COG OPERATING, LLC



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LEGEND

-  WELL
 WELLPAD
 EXISTING ROAD

WINDWARD FEDERAL #10H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3550.8'

STATE: NEW MEXICO COUNTY: LEA 210' FNL & 1950' FEL

W.O. # 16-408 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

S.P.

LOCATION MAP

IMAGERY

05/31/2016



CONCHO

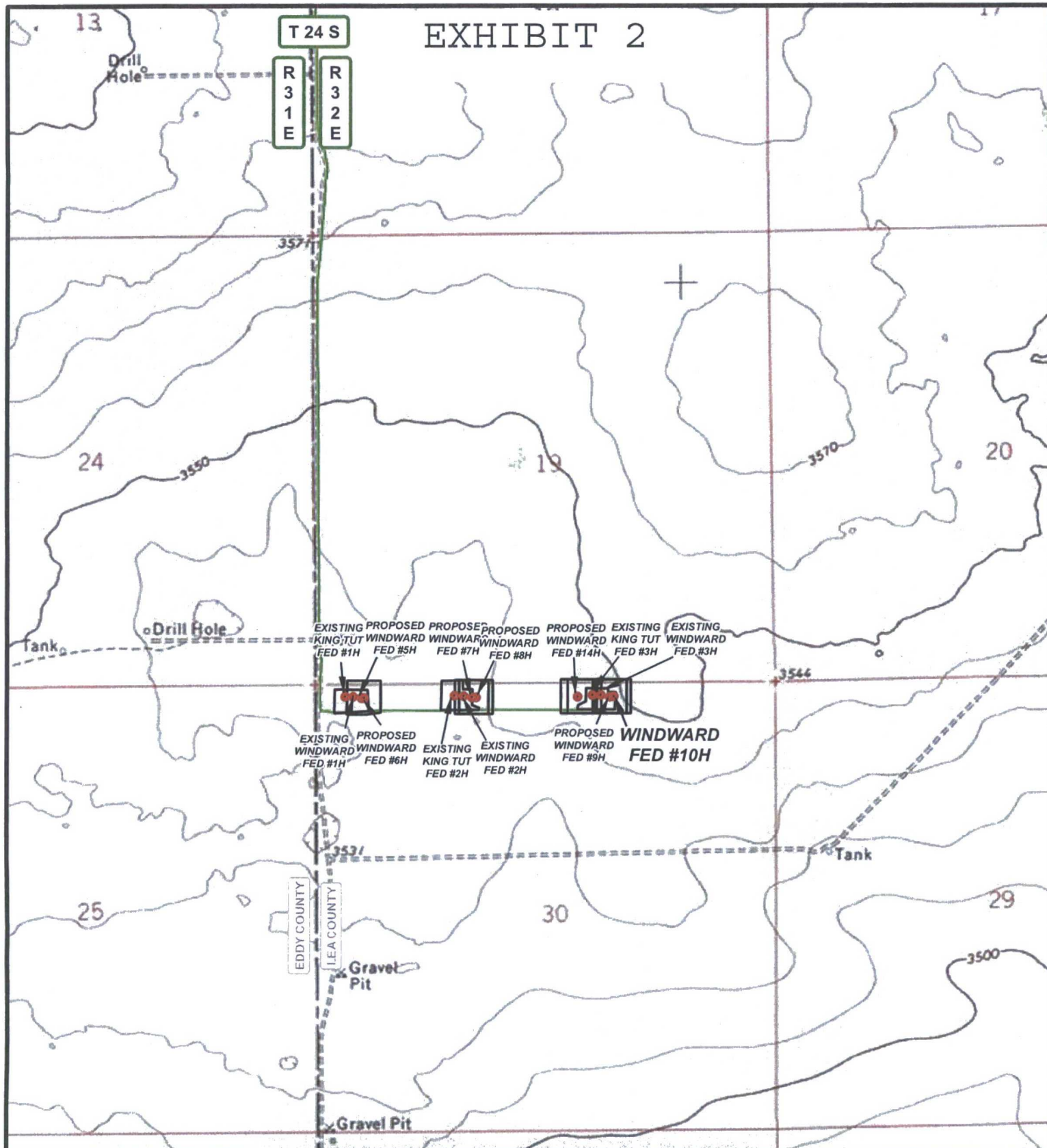
COG OPERATING, LLC



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EXHIBIT 2

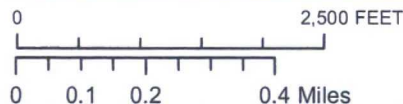


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #10H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3550.8'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 1950' FEL
 W.O. # 16-408 LEASE: WINDWARD FED SURVEY: N.M.P.M



1 IN = 1,500 FT

LOCATION MAP

TOPO ROAD

05/31/2016

S.P.



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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #10H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3550.8'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 1950' FEL
 W.O. # 16-408 LEASE: WINDWARD FED 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

05/31/2016

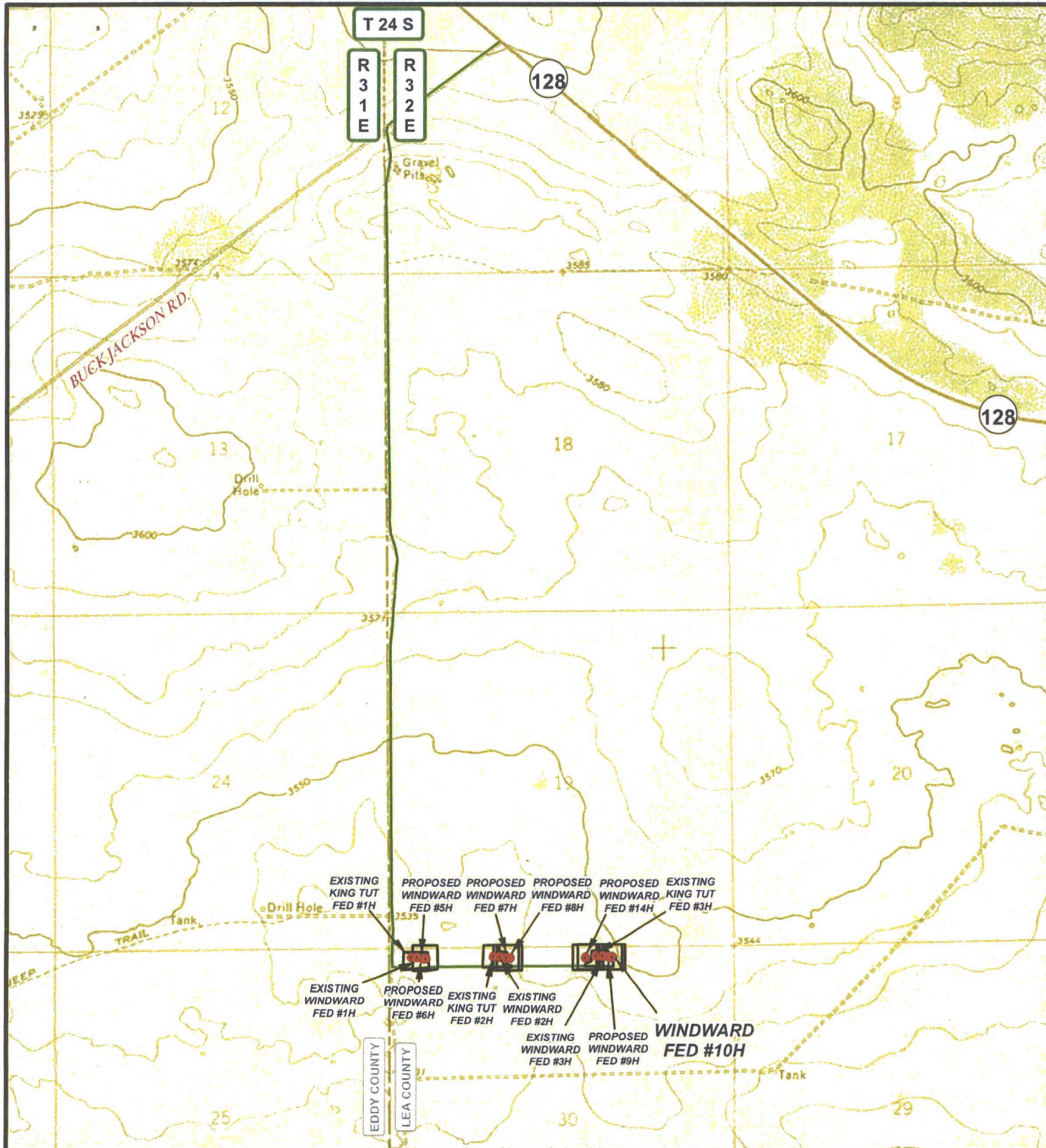
S.P.



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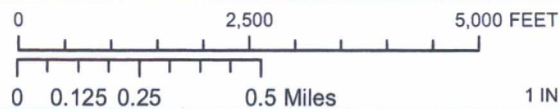


LEGEND

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

WINDWARD FEDERAL #10H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3550.8'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 1950' FEL
 W.O. # 16-408 LEASE: WINDWARD FED SURVEY: N.M.P.M



LOCATION MAP

LAND STATUS

05/31/2016

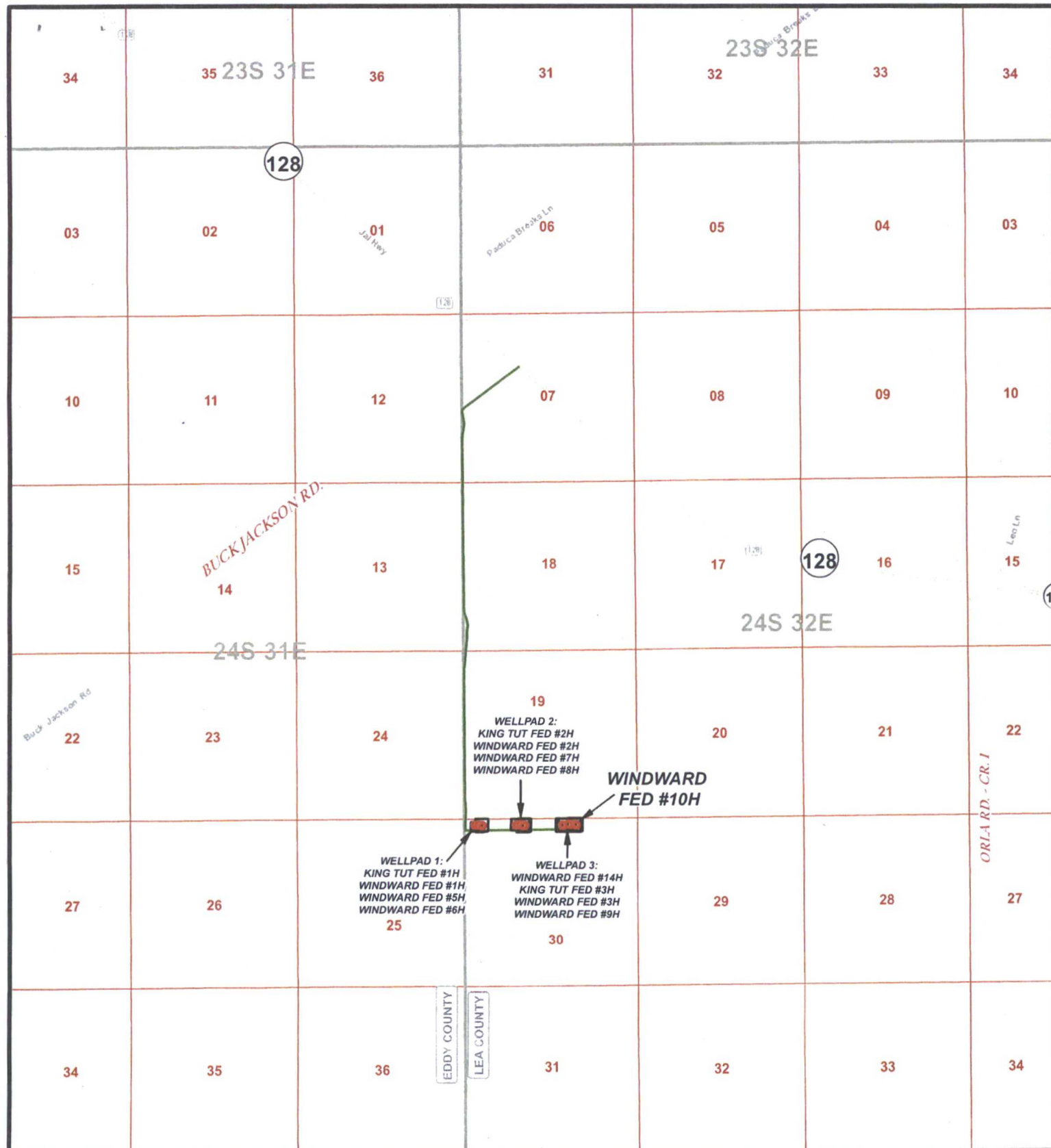
S.P.



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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

WINDWARD FEDERAL #10H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3550.8
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 1950' FEL
 W.O. # 16-408 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

LOCATION MAP

VICINITY

05/31/2016

S.P.



COG OPERATING, LLC

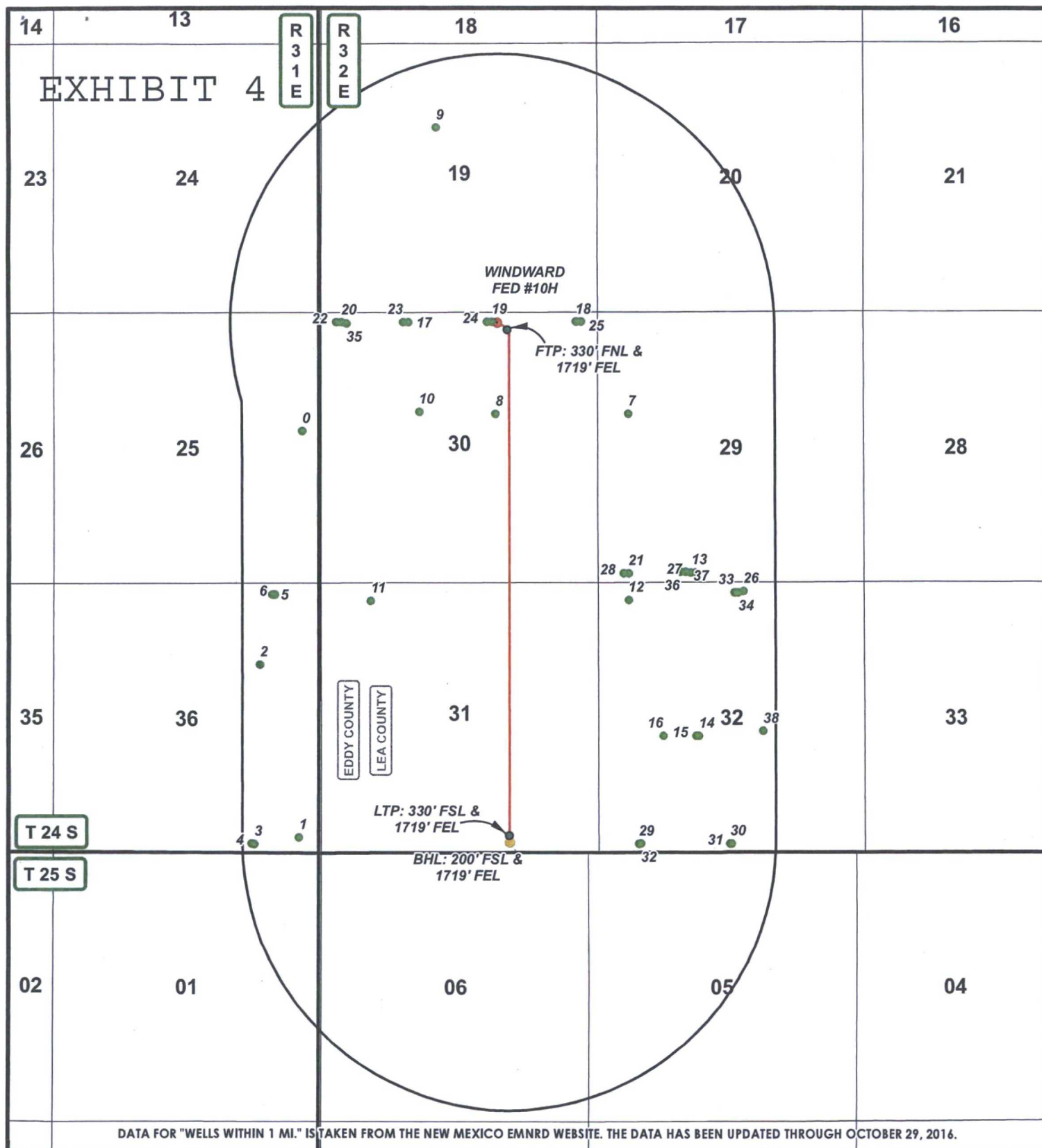


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LEGEND

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

WINDWARD FEDERAL COM #10H

SEC: 30 TWP: 24 S. RGE: 32 E. ELEVATION: 3550.8'
 STATE: NEW MEXICO COUNTY: LEA 210' FNL & 1950' FEL
 W.O. # 16-1086 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.



COG PRODUCTION, LLC



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WINDWARD FEDERAL COM #10H 1 MILE DATA (16-1086)

FID	OPERATOR	WELL NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	COMPL_STAT
0	LEGACY RESERVES OPERATING, LP	BTBN 25 FEDERAL 002	32.189235	-103.724073	3001529551	25	24.0S	31E	2300 N		330 E		Active
1	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW UNIT 116H	32.167397	-103.724254	3001537926	36	24.0S	31E	330 S		430 E		New (Not drilled or compl)
2	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW UNIT SWD 181	32.17668	-103.726749	3001541649	36	24.0S	31E	1568 N		1189 E		New (Not drilled or compl)
3	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW UNIT 210H	32.167066	-103.727078	3001541868	36	24.0S	31E	200 S		1300 E		New (Not drilled or compl)
4	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW UNIT 209H	32.167067	-103.727241	3001541893	36	24.0S	31E	200 S		1350 E		New (Not drilled or compl)
5	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW UNIT 292H	32.180443	-103.725952	3001543261	36	24.0S	31E	200 N		940 E		New (Not drilled or compl)
6	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW UNIT 290H	32.180444	-103.72579	3001543265	36	24.0S	31E	200 N		890 E		New (Not drilled or compl)
7	STANOLIND OIL & GAS CO	PAYNE 001	32.190181	-103.703114	3002512715	29	24.0S	32E	1980 N		660 W		Plugged
8	FORTE ENERGY CORP	PADUCA FEDERAL 001	32.190153	-103.711689	3002526234	30	24.0S	32E	1980 N		1980 E		Plugged
9	YATES PETROLEUM CORPORATION	HARACZ AMO FEDERAL 007	32.205569	-103.715482	3002533345	19	24.0S	32E	1650 N		2310 W		Active
10	COG PRODUCTION, LLC	TURQUOISE 30 FEDERAL SWD 001	32.190274	-103.716568	3002533455	30	24.0S	32E	1930 N		1980 W		Plugged
11	COG PRODUCTION, LLC	REDHEAD 31 FEDERAL 001H	32.180106	-103.719683	3002540390	31	24.0S	32E	330 N		990 W		New (Not drilled or compl)
12	YATES PETROLEUM CORPORATION	CALCUTTA BRZ STATE 001	32.180179	-103.703088	3002540453	32	24.0S	32E	330 N		660 W		Plugged
13	COG PRODUCTION, LLC	AZORES FEDERAL 003H	32.181662	-103.698801	3002541158	29	24.0S	32E	190 S		1980 W		New (Not drilled or compl)
14	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 002H	32.172901	-103.698585	3002541170	32	24.0S	32E	2310 S		2030 W		New (Not drilled or compl)
15	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 003H	32.172901	-103.698748	3002541171	32	24.0S	32E	2310 S		1980 W		New (Not drilled or compl)
16	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 004H	32.172894	-103.700859	3002541172	32	24.0S	32E	2310 S		1330 W		New (Not drilled or compl)
17	COG PRODUCTION, LLC	WINDWARD FEDERAL 002H	32.195078	-103.717262	3002541408	30	24.0S	32E	190 N		1750 W		New (Not drilled or compl)
18	COG PRODUCTION, LLC	WINDWARD FEDERAL 004H	32.19511	-103.706489	3002541412	30	24.0S	32E	190 N		430 E		New (Not drilled or compl)
19	COG PRODUCTION, LLC	WINDWARD FEDERAL 003H	32.195094	-103.711914	3002541413	30	24.0S	32E	190 N		2100 E		New (Not drilled or compl)
20	COG PRODUCTION, LLC	WINDWARD FEDERAL 001H	32.195065	-103.721549	3002541414	30	24.0S	32E	190 N		430 W		New (Not drilled or compl)
21	COG PRODUCTION, LLC	AZORES FEDERAL 004H	32.181609	-103.703089	3002541535	29	24.0S	32E	190 S		660 W		New (Not drilled or compl)
22	COG PRODUCTION, LLC	KING TUT FEDERAL 001H	32.195064	-103.721874	3002541542	30	24.0S	32E	190 N		330 W		New (Not drilled or compl)
23	COG PRODUCTION, LLC	KING TUT FEDERAL 002H	32.195077	-103.717587	3002541558	30	24.0S	32E	190 N		1650 W		New (Not drilled or compl)
24	COG PRODUCTION, LLC	KING TUT FEDERAL 003H	32.195093	-103.712239	3002541559	30	24.0S	32E	190 N		2200 E		New (Not drilled or compl)
25	COG PRODUCTION, LLC	KING TUT FEDERAL 004H	32.195111	-103.706164	3002541560	30	24.0S	32E	190 N		330 E		New (Not drilled or compl)
26	COG PRODUCTION, LLC	CORVO FEDERAL 002H	32.180654	-103.695739	3002541910	32	24.0S	32E	190 N		2370 E		New (Not drilled or compl)
27	COG PRODUCTION, LLC	CORVO FEDERAL 003H	32.181658	-103.699125	3002541911	29	24.0S	32E	190 S		1880 W		New (Not drilled or compl)
28	COG PRODUCTION, LLC	CORVO FEDERAL 004H	32.181605	-103.703414	3002541912	29	24.0S	32E	190 S		560 W		New (Not drilled or compl)
29	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 001H	32.167089	-103.702439	3002542215	32	24.0S	32E	200 S		830 W		New (Not drilled or compl)
30	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 003H	32.167108	-103.696594	3002542216	32	24.0S	32E	200 S		2630 W		New (Not drilled or compl)
31	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 004H	32.167108	-103.696499	3002542217	32	24.0S	32E	200 S		2600 E		New (Not drilled or compl)
32	DEVON ENERGY PRODUCTION COMPANY, LP	CHINCOTEAGUE 32 STATE COM 002H	32.167089	-103.702277	3002542263	32	24.0S	32E	200 S		880 W		New (Not drilled or compl)
33	COG PRODUCTION, LLC	AZORES FEDERAL 007H	32.180592	-103.696323	3002543170	32	24.0S	32E	210 N		2550 E		New (Not drilled or compl)
34	COG PRODUCTION, LLC	AZORES FEDERAL 011H	32.180595	-103.696064	3002543171	32	24.0S	32E	210 N		2470 E		New (Not drilled or compl)
35	COG PRODUCTION, LLC	WINDWARD FEDERAL 005H	32.195011	-103.721224	3002543174	30	24.0S	32E	210 N		530 W		New (Not drilled or compl)
36	COG PRODUCTION, LLC	AZORES FEDERAL 012H	32.181705	-103.699775	3002543178	29	24.0S	32E	210 S		1680 W		New (Not drilled or compl)
37	COG PRODUCTION, LLC	AZORES FEDERAL 008H	32.181709	-103.69945	3002543212	29	24.0S	32E	210 S		1780 W		New (Not drilled or compl)
38	DEVON ENERGY PRODUCTION COMPANY, LP	COTTON DRAW 32 STATE FEDERAL COM 005H	32.173162	-103.69448	3002543274	32	24.0S	32E	2400 S		1980 E		New (Not drilled or compl)