

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1883 Fax: (575) 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) 476-3450 Fax: (505) 476-3452

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

HOBBS OCD
JAN 04 2016
RECEIVED
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- <u>43002</u>	Pool Code 97922	Pool Name WC-025 G-06 S223421L; Bone Spring
Property Code <u>315744</u>	Property Name SMALLS FEDERAL	Well Number 5H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3404.0

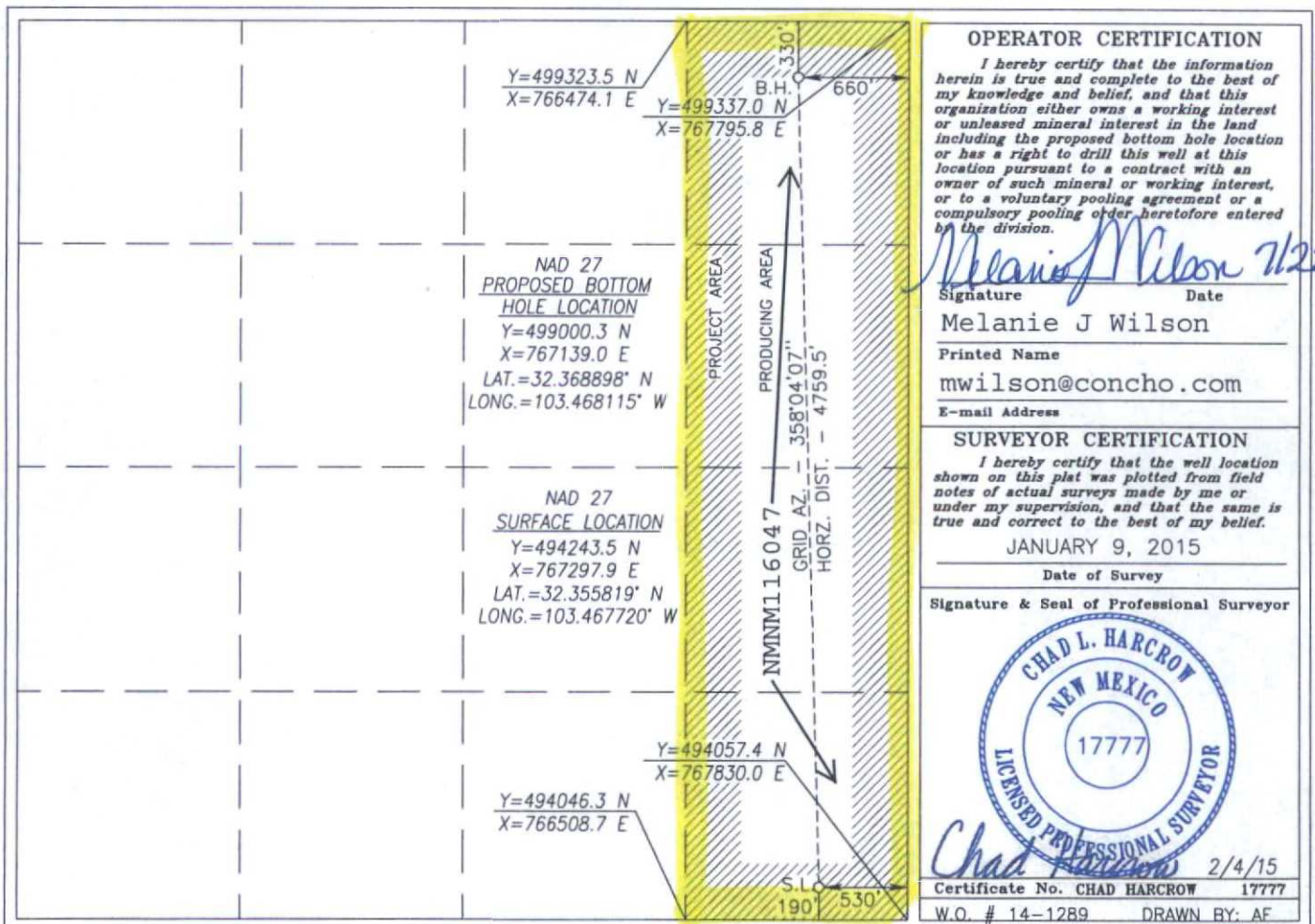
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	22-S	34-E		190	SOUTH	530'	EAST	LEA

Bottom Hole Location If Different From Surface

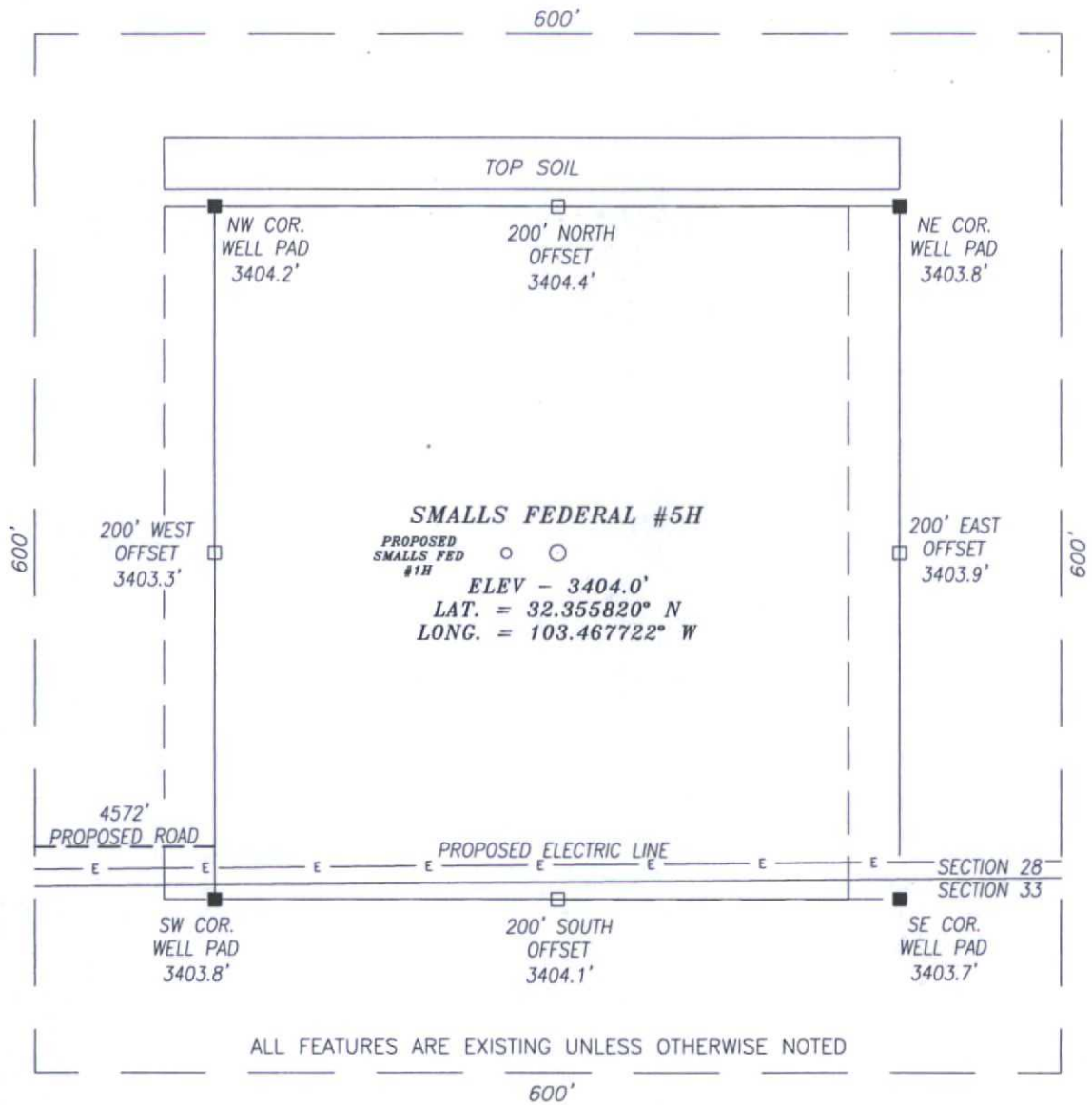
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	22-N	34-E		330' 331	NORTH	660'	EAST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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



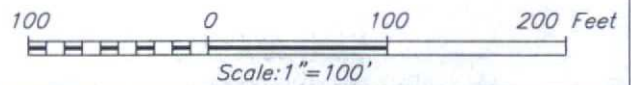
JAN 05 2016

SECTION 28, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

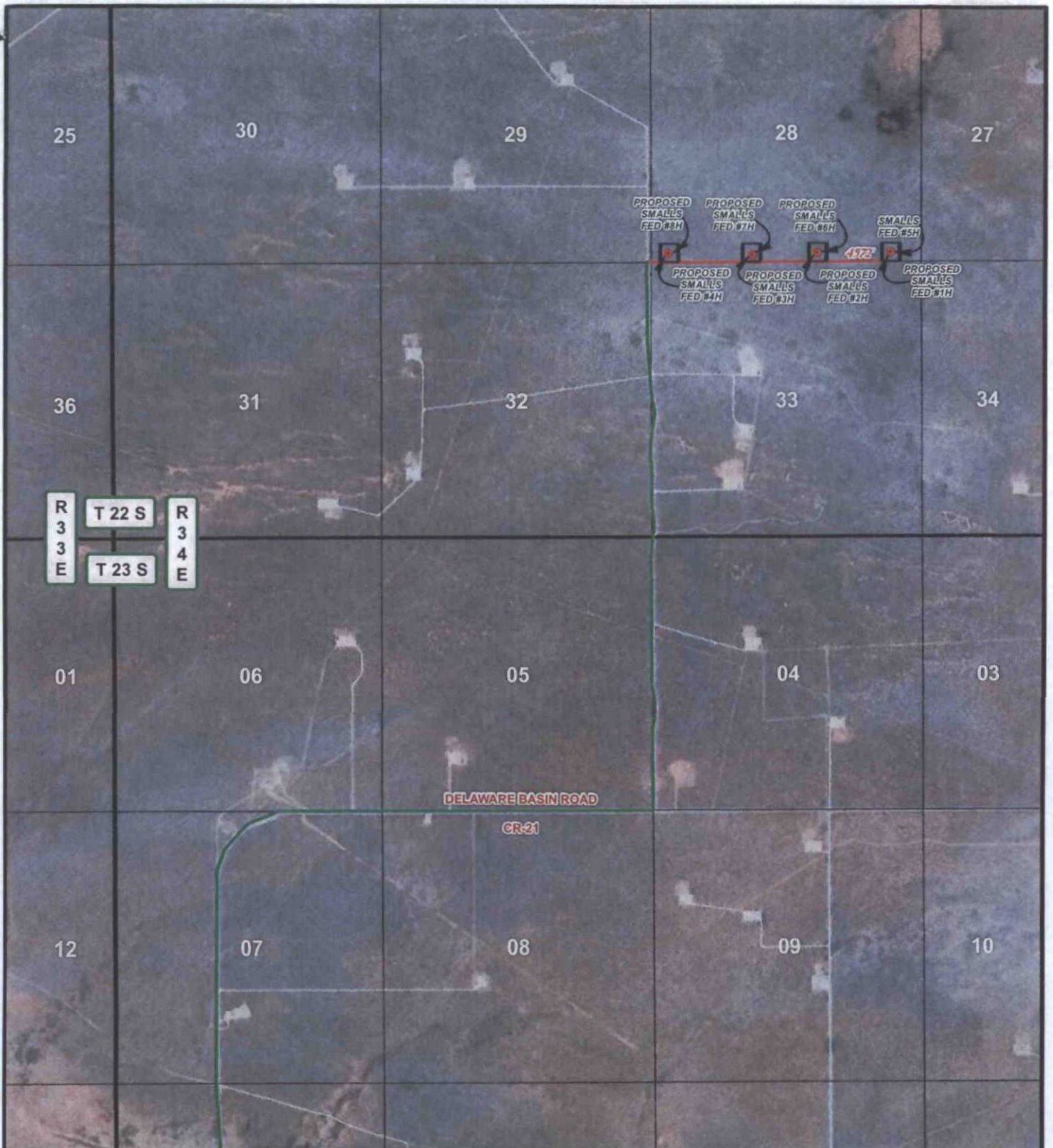
FROM THE INTERSECTION OF HWY 128 AND DELAWARE BASIN ROAD GO NORTH ON DELAWARE BASIN RD. APPROX. 9 MILES TO SHARP RIGHT TURN; THEN CONTINUE ON DELAWARE BASIN RD. APPROX. 1.5 MILES TO A CALICHE LEASE ROAD ON THE LEFT (NORTH); THEN GO ALONG LEASE ROAD APPROX. 2.0 MILES TO A PROPOSED ROAD ON THE RIGHT (EAST); PROPOSED WELL IS APPROX. 0.9 MILES ALONG PROPOSED ROAD.



HARCROW SURVEYING, LLC
 2314 W. MAIN ST, ARTESIA, N.M. 88210
 PH: (575) 746-2158 FAX: (575) 746-2158
 c.harcrow@harcrowsurveying.com



COG OPERATING, LLC		
SMALLS FEDERAL #5H WELL LOCATED 190 FEET FROM THE SOUTH LINE AND 530 FEET FROM THE EAST LINE OF SECTION 28, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO		
SURVEY DATE: 07/10/2015	PAGE: 1 OF 1	
DRAFTING DATE: 07/13/2015		
APPROVED BY: CH	DRAWN BY: WN	FILE: 15-841



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

SMALLS FEDERAL #5H

SEC: 28	TWP: 22 S.	RGE: 34 E.	ELEVATION: 3404.0'
STATE: NEW MEXICO		COUNTY: LEA	190' FSL & 530' FEL
W.O. # 14-1289	LEASE: SMALLS FED		SURVEY: N.M.P.M

0 2,500 5,000 FEET

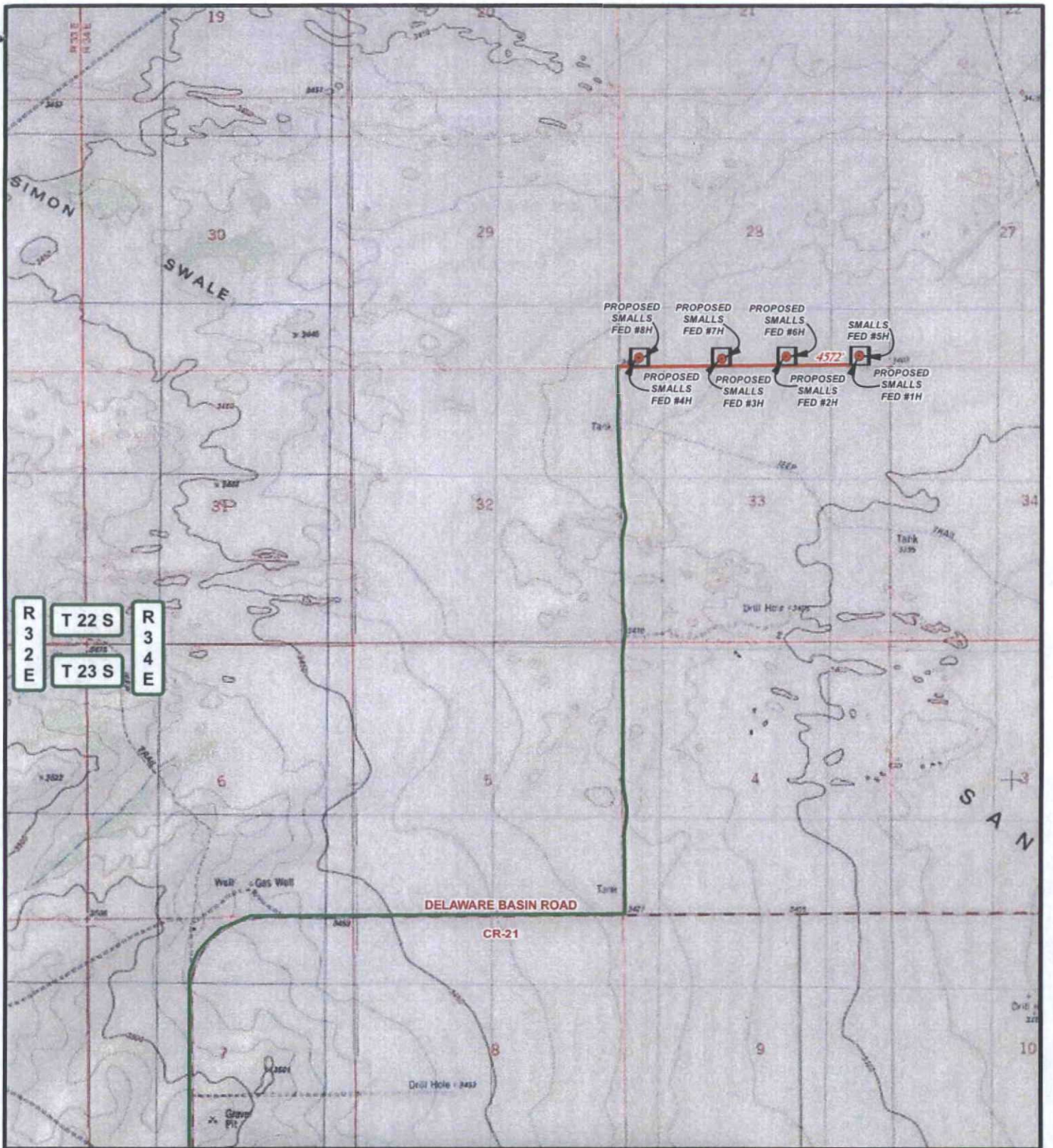
0 0.15 0.3 0.6 Miles

1 IN = 2,500 FT

LOCATION MAP
IMAGERY
01/27/2015
A.F

CONCHO
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R 3 2 E
 T 22 S
 T 23 S
 R 3 4 E

LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

SMALLS FEDERAL #5H

SEC: 28	TWP: 22 S.	RGE: 34 E.	ELEVATION: 3404.0'
STATE: NEW MEXICO		COUNTY: LEA	190' FSL & 530' FEL
W.O. # 14-1289	LEASE: SMALLS FED		SURVEY: N.M.P.M

0 2,500 5,000 FEET

0 0.15 0.3 0.6 Miles

1 IN = 2,500 FT

LOCATION MAP
TOPO
01/27/2015
A.F

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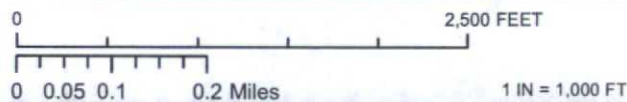


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

SMALLS FEDERAL #5H

SEC: 28 TWP: 22 S. RGE: 34 E. ELEVATION: 3404.0'
 STATE: NEW MEXICO COUNTY: LEA 190' FSL & 530' FEL
 W.O. # 14-1289 LEASE: SMALLS FED SURVEY: N.M.P.M

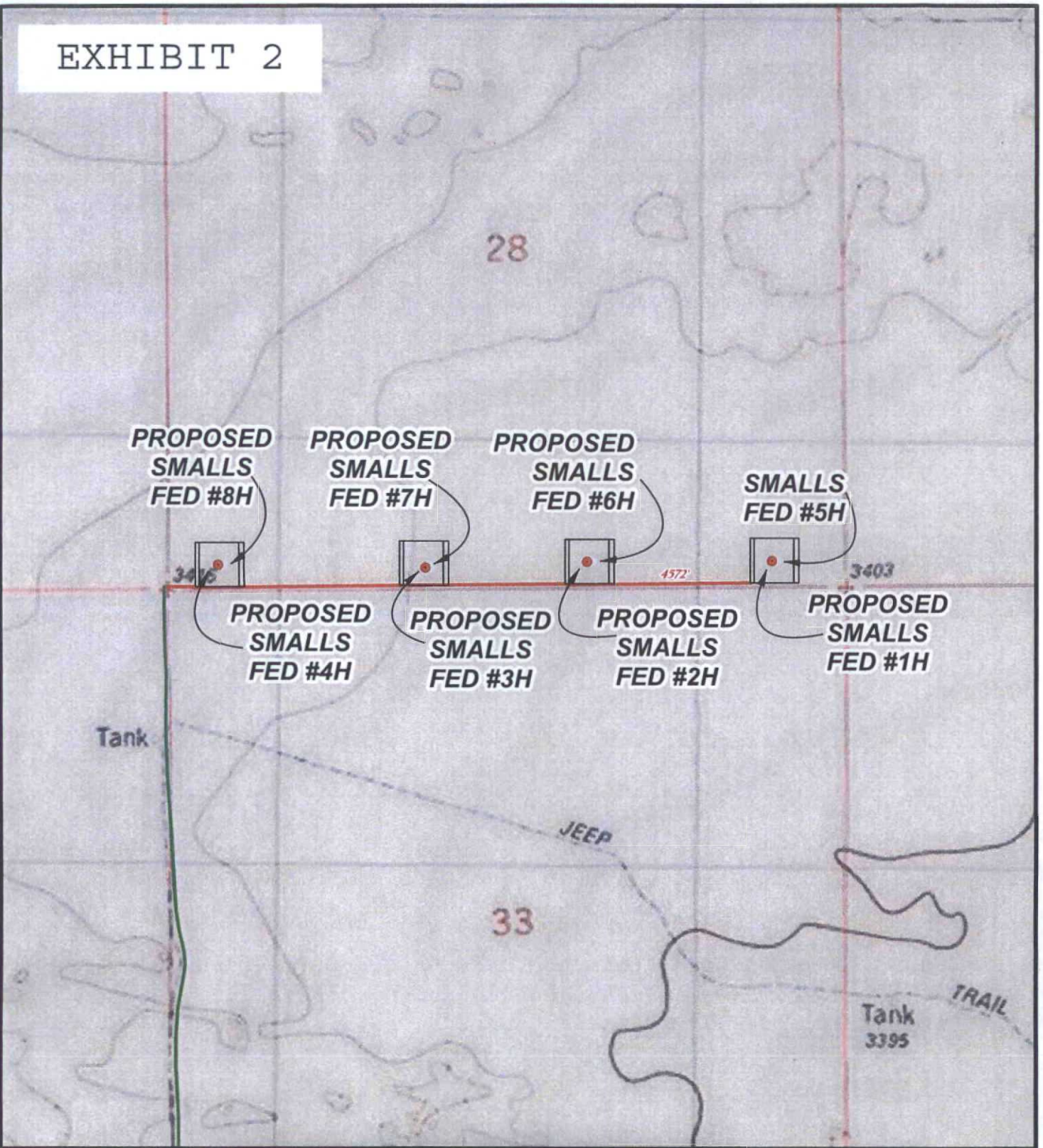


LOCATION MAP IMAGERY ROAD 01/27/2015 A.F

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EXHIBIT 2

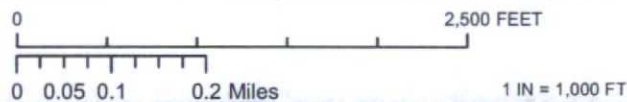


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

SMALLS FEDERAL #5H

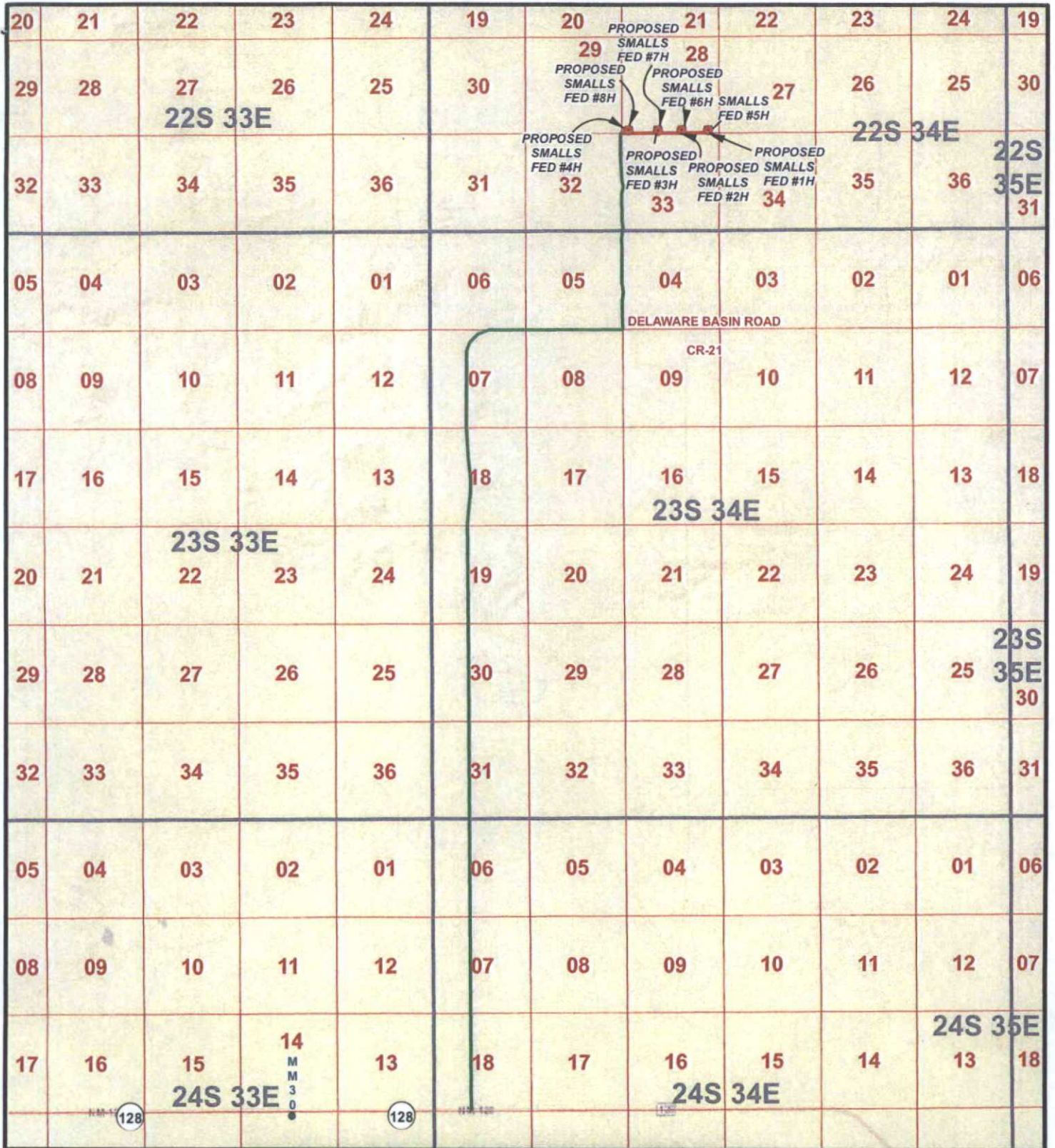
SEC: 28	TWP: 22 S.	RGE: 34 E.	ELEVATION: 3404.0'
STATE: NEW MEXICO		COUNTY: LEA	190' FSL & 530' FEL
W.O. # 14-1289	LEASE: SMALLS FED		SURVEY: N.M.P.M



LOCATION MAP TOPO 01/27/2015 A.F

CONCHO
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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

SMALLS FEDERAL #5H

SEC: 28	TWP: 22 S.	RGE: 34 E.	ELEVATION: 3404.0'
STATE: NEW MEXICO		COUNTY: LEA	190' FSL & 530' FEL
W.O. # 14-1289	LEASE: SMALLS FED	SURVEY: N.M.P.M	

0 2,500 5,000 7,500 10,000 12,500 15,000 17,500 FEET

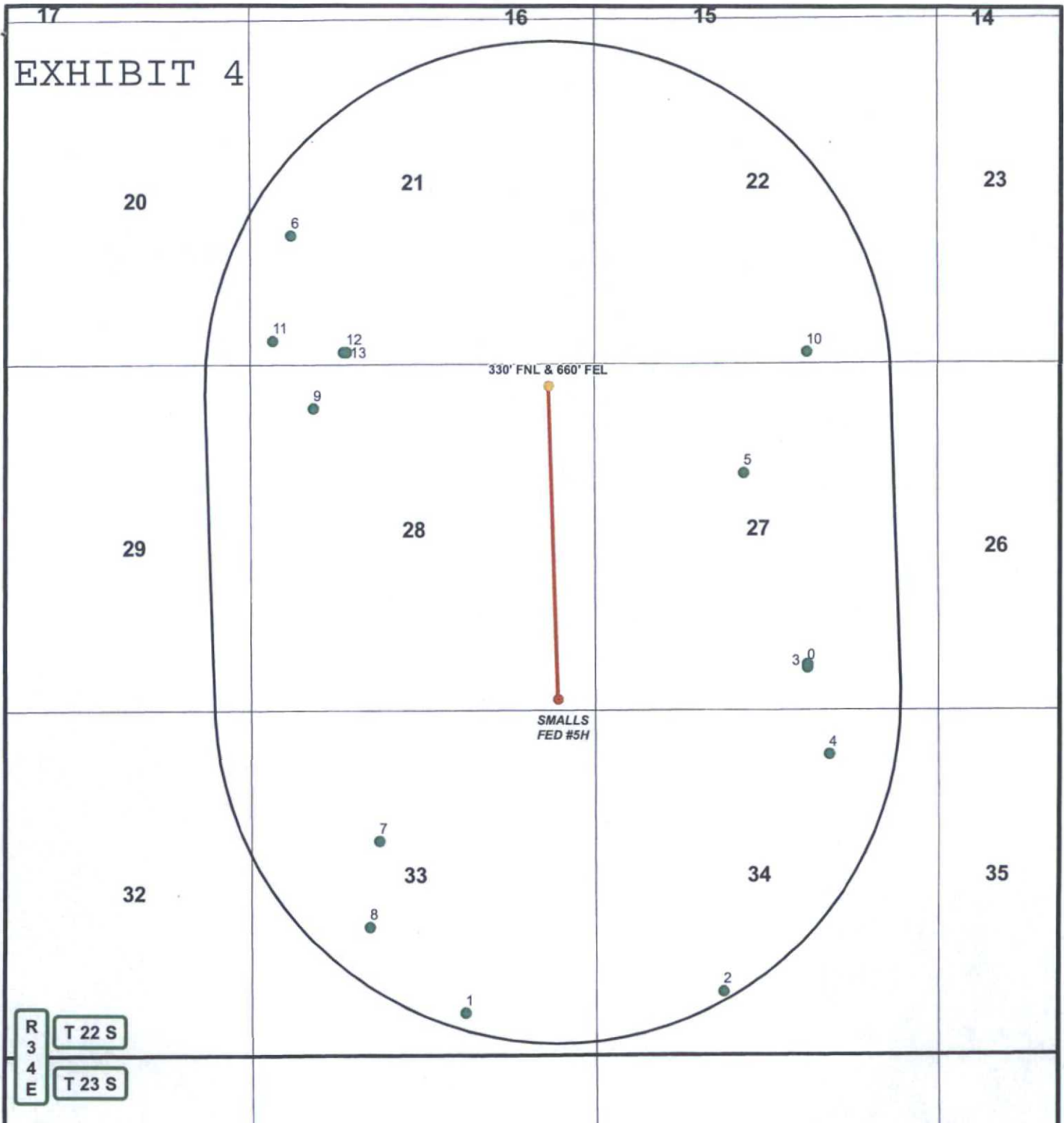
0 0.5 1 2 Miles 1 IN = 7,000 FT

VICINITY MAP 01/27/2015 A.F

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EXHIBIT 4



R
3
4
E

T 22 S

T 23 S

DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH JANUARY 12, 2015.

LEGEND

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

SMALLS FEDERAL #5H

SEC: 28	TWP: 22 S.	RGE: 34 E.	ELEVATION: 3404.0'
STATE: NEW MEXICO		COUNTY: LEA	190' FSL & 530' FEL
W.O. # 14-1289	LEASE: SMALLS 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

1 MILE MAP
01/27/2015
A.F

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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	J W SORRELLS	SORRELLS 001	32.357233	-103.455758	3E+09	27	22.05	34E	660 S		1980 E		4202	Plugged
1	Point	BELCO PETROLEUM COR	FALSE FEDERAL 001	32.342749	-103.472913	3E+09	33	22.05	34E	660 S		1980 E		3840	Plugged
2	Point	BTA OIL PRODUCERS, LLC	MAXUS B 8026 JV-P 002	32.343644	-103.460025	3E+09	34	22.05	34E	990 S		1980 W		13428	Active
3	Point	COG OPERATING LLC	SUN FEDERAL COM 001	32.35737	-103.455757	3E+09	27	22.05	34E	710 S		1980 E		12780	Active
4	Point	BTA OIL PRODUCERS	MAXUS B 8026 JV-P 003	32.353603	-103.454695	3E+09	34	22.05	34E	660 N		1650 E		13500	Plugged
5	Point	ORYX ENERGY CO	ANTELOPE FEDERAL COM 001	32.365388	-103.45889	3E+09	27	22.05	34E	1650 N		2310 W		13530	Plugged
6	Point	DEVON ENERGY PRODUCTION COMPANY, LP	GAUCHO 21 FEDERAL 001	32.375386	-103.481376	3E+09	21	22.05	34E	1980 S		660 W		13450	Active
7	Point	DEVON ENERGY PRODUCTION COMPANY, LP	RIO BLANCO 33 FEDERAL 002	32.349995	-103.477127	3E+09	33	22.05	34E	1980 N		1980 W		14660	Active
8	Point	DEVON ENERGY PRODUCTION COMPANY, LP	RIO BLANCO 33 FEDERAL 003	32.346383	-103.477621	3E+09	33	22.05	34E	1980 S		1830 W		8600	Active
9	Point	PETROGULF CORPORATION	FEDERAL 28 011D	32.368126	-103.480312	3E+09	28	22.05	34E	661 N		991 W		0	0
10	Point	MEWBOURNE OIL CO	PERRO LOCO 22 830B FEDERAL 001H	32.370431	-103.455715	3E+09	22	22.05	34E	185 S		1980 E		0	New (Not drilled or compl)
11	Point	DEVON ENERGY PRODUCTION COMPANY, LP	GAUCHO 21 FEDERAL 002H	32.370976	-103.482312	3E+09	21	22.05	34E	375 S		375 W		12600	New (Not drilled or compl)
12	Point	DEVON ENERGY PRODUCTION COMPANY, LP	GAUCHO 21 FEDERAL 004H	32.37049	-103.478651	3E+09	21	22.05	34E	200 S		1500 W		0	New (Not drilled or compl)
13	Point	DEVON ENERGY PRODUCTION COMPANY, LP	GAUCHO 21 FEDERAL 003H	32.370491	-103.478814	3E+09	21	22.05	34E	200 S		1450 W		0	New (Not drilled or compl)