

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) 746-1283 Fax: (575) 746-0720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3462

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



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- 43061	Pool Code 51683	Pool Name Red Tank; Bone Spring
Property Code 38682	Property Name AIRBONITA 12 FEDERAL	Well Number 3H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3658.7

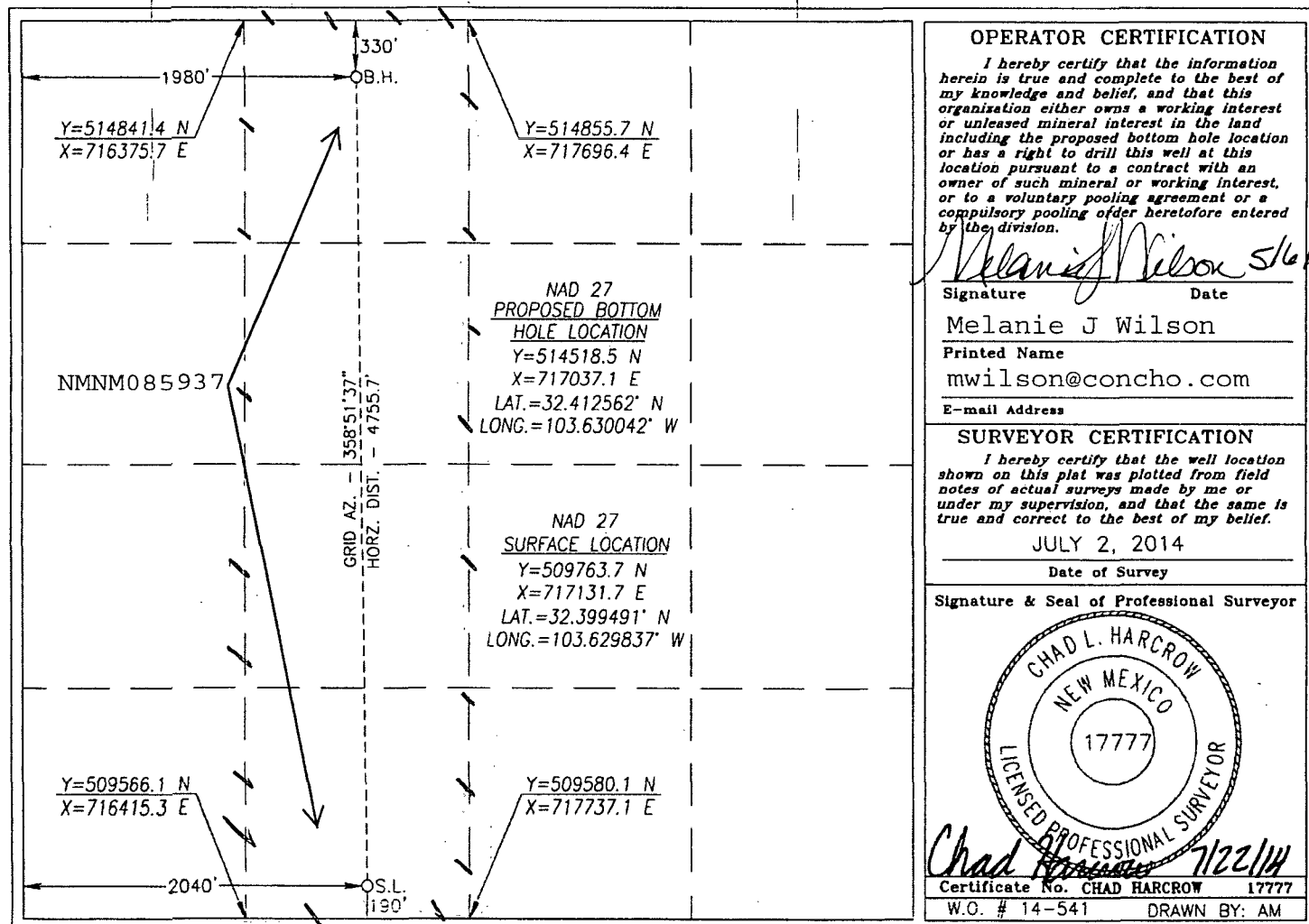
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	12	22-S	32-E		190	SOUTH	2040	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
C	12	22-S	32-E		330	NORTH	1980	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



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.

Melanie J Wilson 5/6/15
Signature Date

Melanie J Wilson

Printed Name

mwilson@concho.com

E-mail Address

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.

JULY 2, 2014

Date of Survey

Signature & Seal of Professional Surveyor



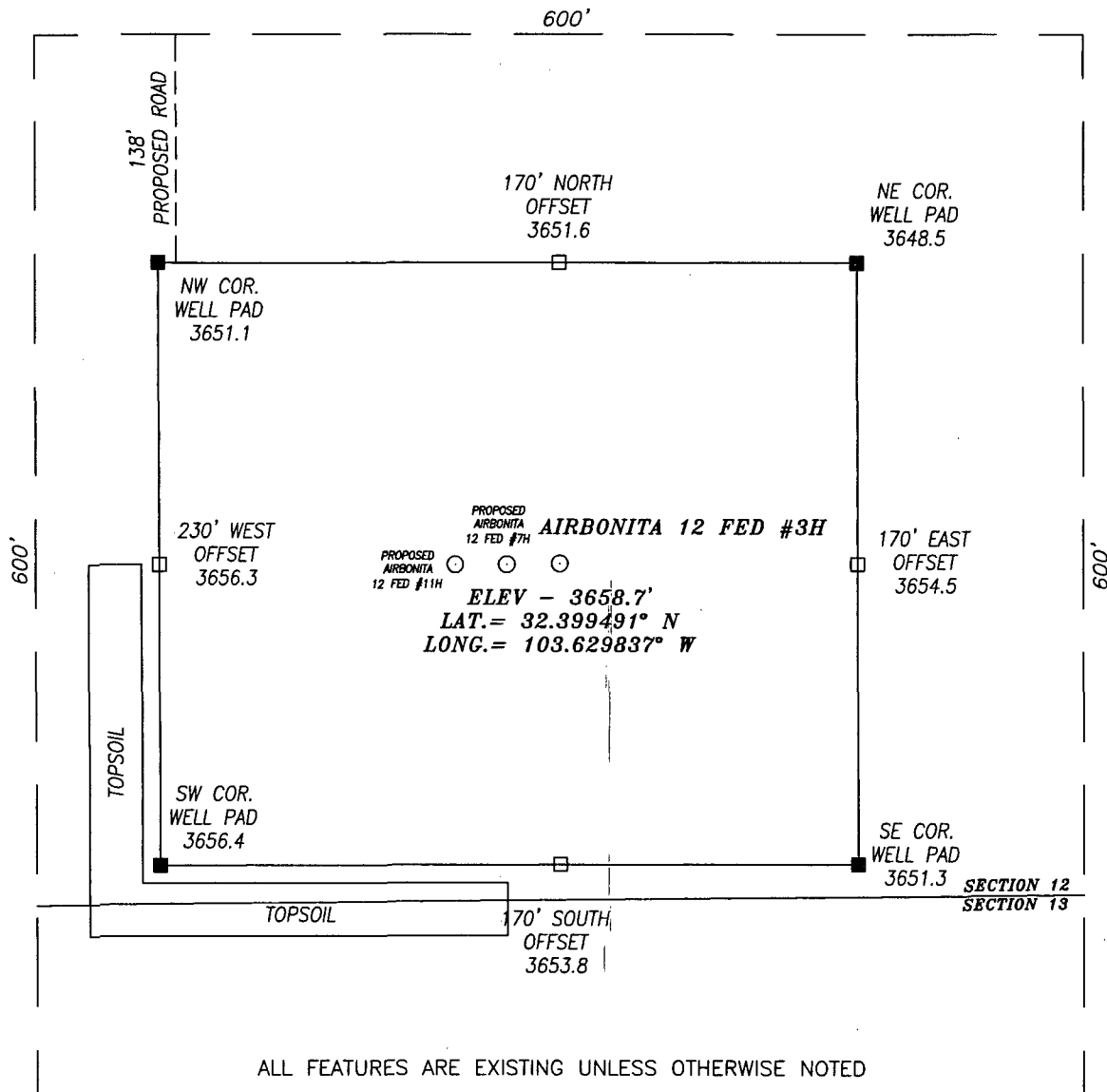
Chad Harcrow 7/22/14
Certificate No. CHAD HARCROW 17777
W.O. # 14-541 DRAWN BY: AM

FEB 11 2016

SECTION 12, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.,

LEA COUNTY

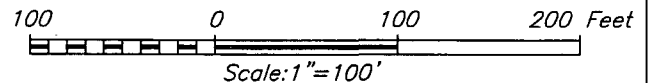
NEW MEXICO



DIRECTIONS TO LOCATION

600'

HEADING EAST ON HWY 176 TURN RIGHT (SOUTH) APPROX. 0.4 MILE PAST MILE MARKER 6 ONTO A CALICHE LEASE ROAD AND GO APPROX. 0.6 MILE; THEN TURN RIGHT (SOUTHWEST) AND GO APPROX. 1.6 MILE; THEN TURN LEFT (SOUTHEAST) AND FOLLOW MEANDERING ROAD FOR APPROX. 0.8 MILE; THEN TURN LEFT (SOUTHEAST) AND STAY ON MEANDERING ROAD FOR APPROX. 1.3 MILE; THEN TURN RIGHT (SOUTH) AND GO APPROX. 5.9 MILES; THEN TURN RIGHT (WEST) AND GO APPROX. 0.85 MILE; THEN TURN LEFT (SOUTH) AND GO APPROX. 0.5 MILE; THEN TURN LEFT (EAST) AND GO APPROX. 0.2 MILE TO EXISTING PROHIBITION 12 FED #12 WELLPAD; GO TO SOUTHWEST PAD CORNER; THEN PROPOSED WELL IS APPROX. 390 FEET SOUTHEAST.



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

AIRBONITA 12 FED #3H WELL
LOCATED 190 FEET FROM THE SOUTH LINE
AND 2040 FEET FROM THE WEST LINE OF SECTION 12,
TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: 7/2/2014

PAGE: 1 OF 1

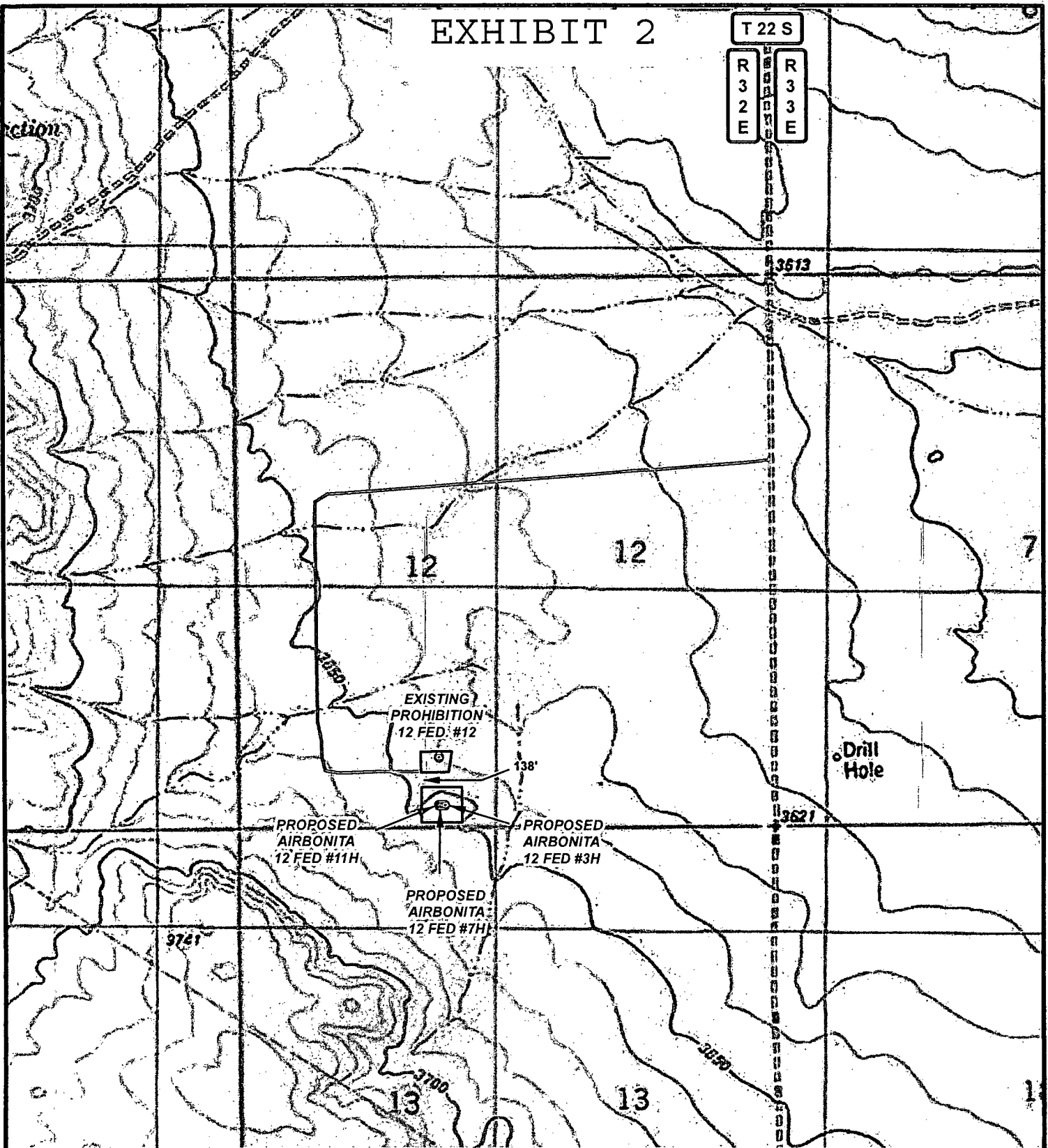
DRAFTING DATE: 7/8/2014

APPROVED BY: CH

DRAWN BY: AM

FILE: 14-541

EXHIBIT 2



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

AIRBONITA 12 FED #3H, #7H, #11H PROP RD.

SECTION: 12 TOWNSHIP: 22 S. RANGE: 32 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M
 W.O. # 14-541, 542, 543 LEASE: AIRBONITA 12 FED

0 2,500 FEET

0 0.075 0.15 0.3 Miles

1 IN = 1,250 FT

ROAD MAP

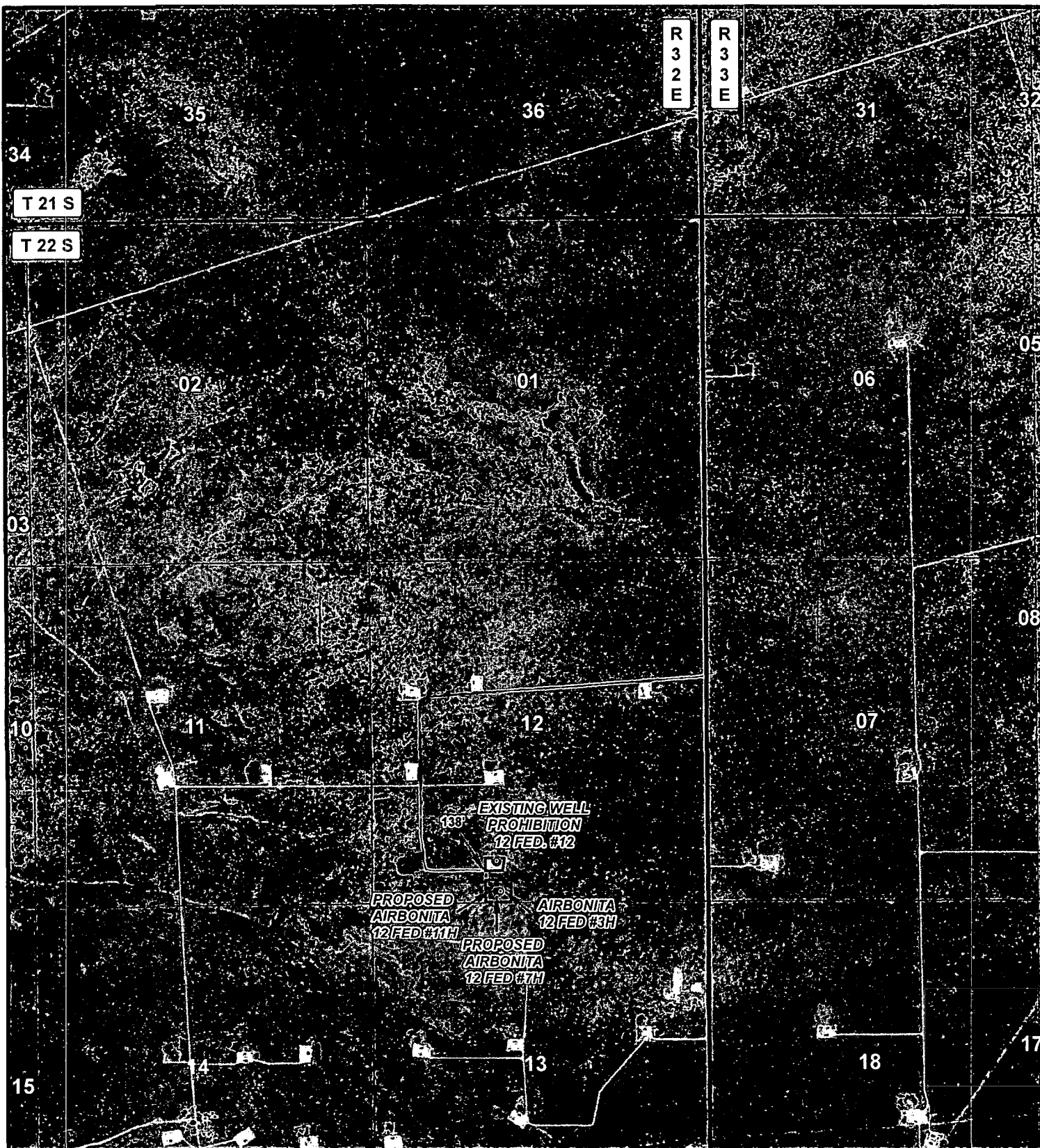
TOPO

07/10/2014

S.P.

CONCHO
 COG OPERATING, LLC

HARCROW SURVEYING, LLC.
 2314 W. MAIN ST, ARTESIA, NM 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

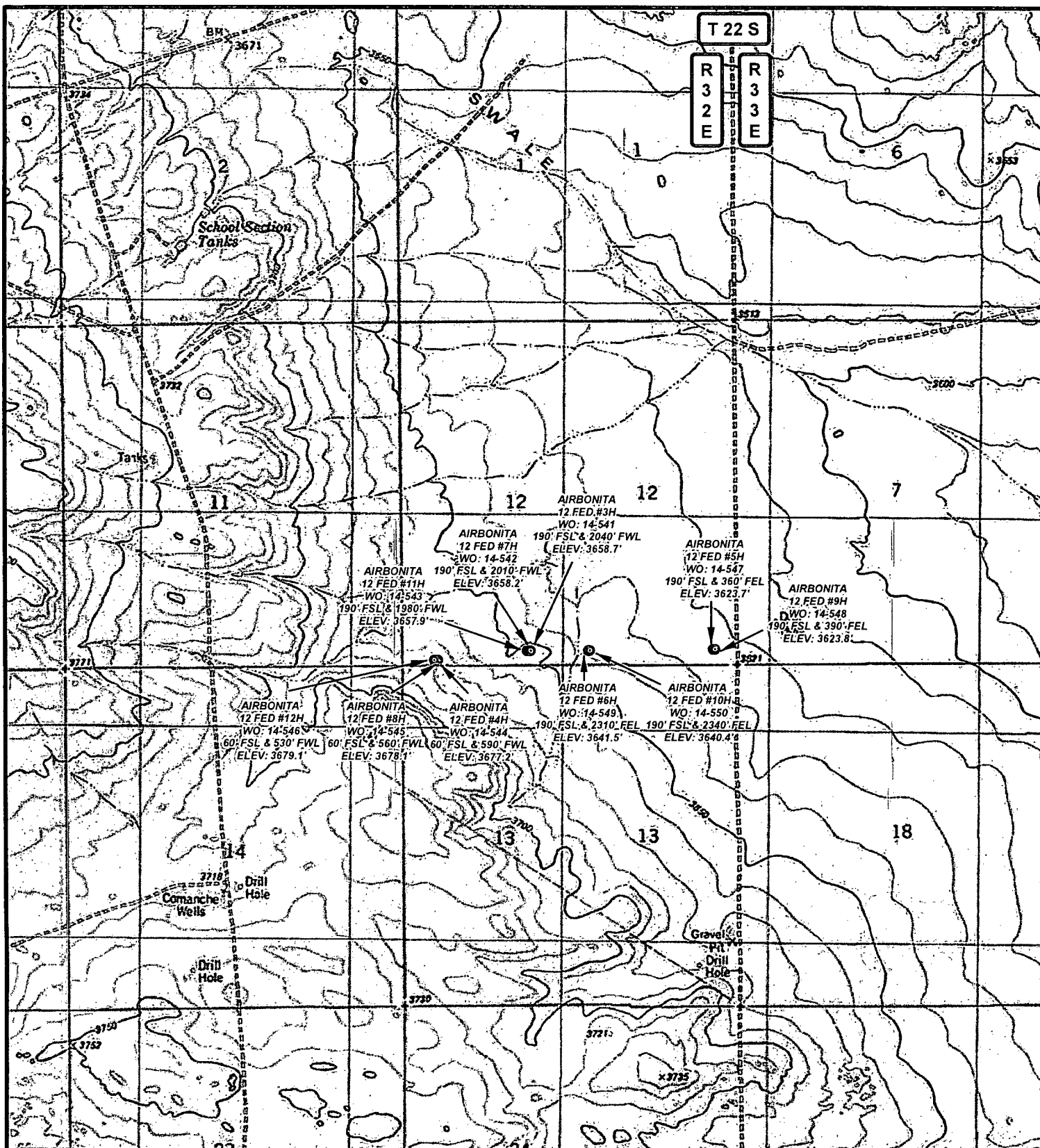
AIRBONITA 12 FED. #3H			
SEC: 12	TWP: 22 S.	RGE: 32 E.	ELEVATION: 3658.7'
STATE: NEW MEXICO		COUNTY: LEA	190' FSL & 2040' FWL
W.O. # 14-541		LEASE: AIRBONITA 12 FED	SURVEY: N.M.P.M
1 IN = 2,000 FT			
LOCATION MAP		IMAGERY	07/10/2014 S.P.

CONCHO

COG OPERATING, LLC

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 chad_harcrow77@yahoo.com



LEGEND

● WELL

AIRBONITA WELL GROUP

SEC:12 TWP: 22 S. RGE: 32 E. ELEVATION: SEE MAP
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M
 W.O. # 14-541 THRU. 14-550 LEASE: AIRBONITA 12 FED

0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles

1 IN = 2,000 FT

CATION OVERVIEW

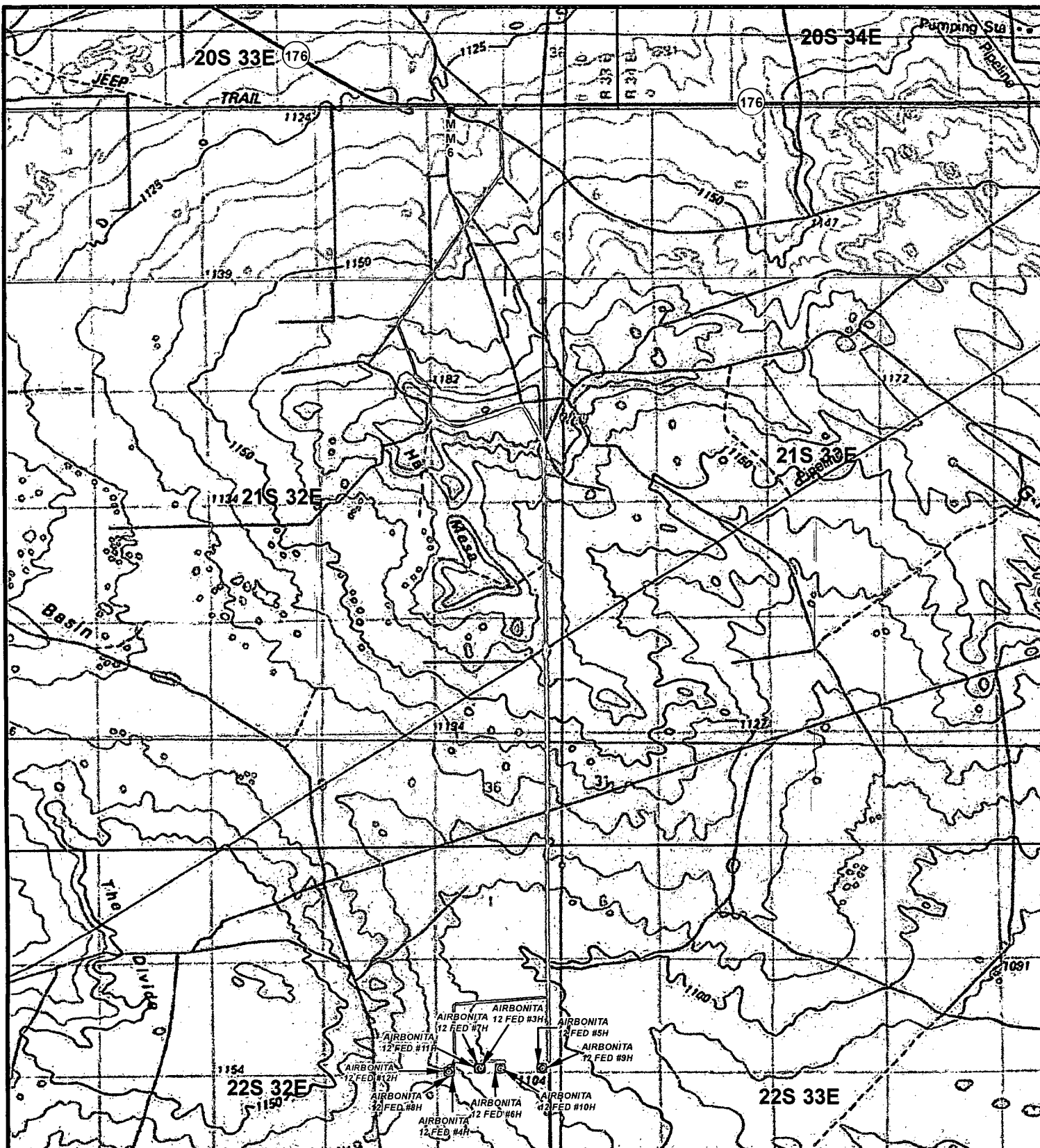
TOPO

07/07/2014

S.P.

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 chad_harcrow77@yahoo.com



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AIRBONITA WELL GROUP: ROAD MAP

SECTION: 12 TOWNSHIP: 22 S. RANGE: 32 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M.
 W.O. # 14-541 THRU. 14-550 LEASE: AIRBONITA 12 FED

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

0 0.4 0.8 1.6 Miles

1 IN = 6,000 FT

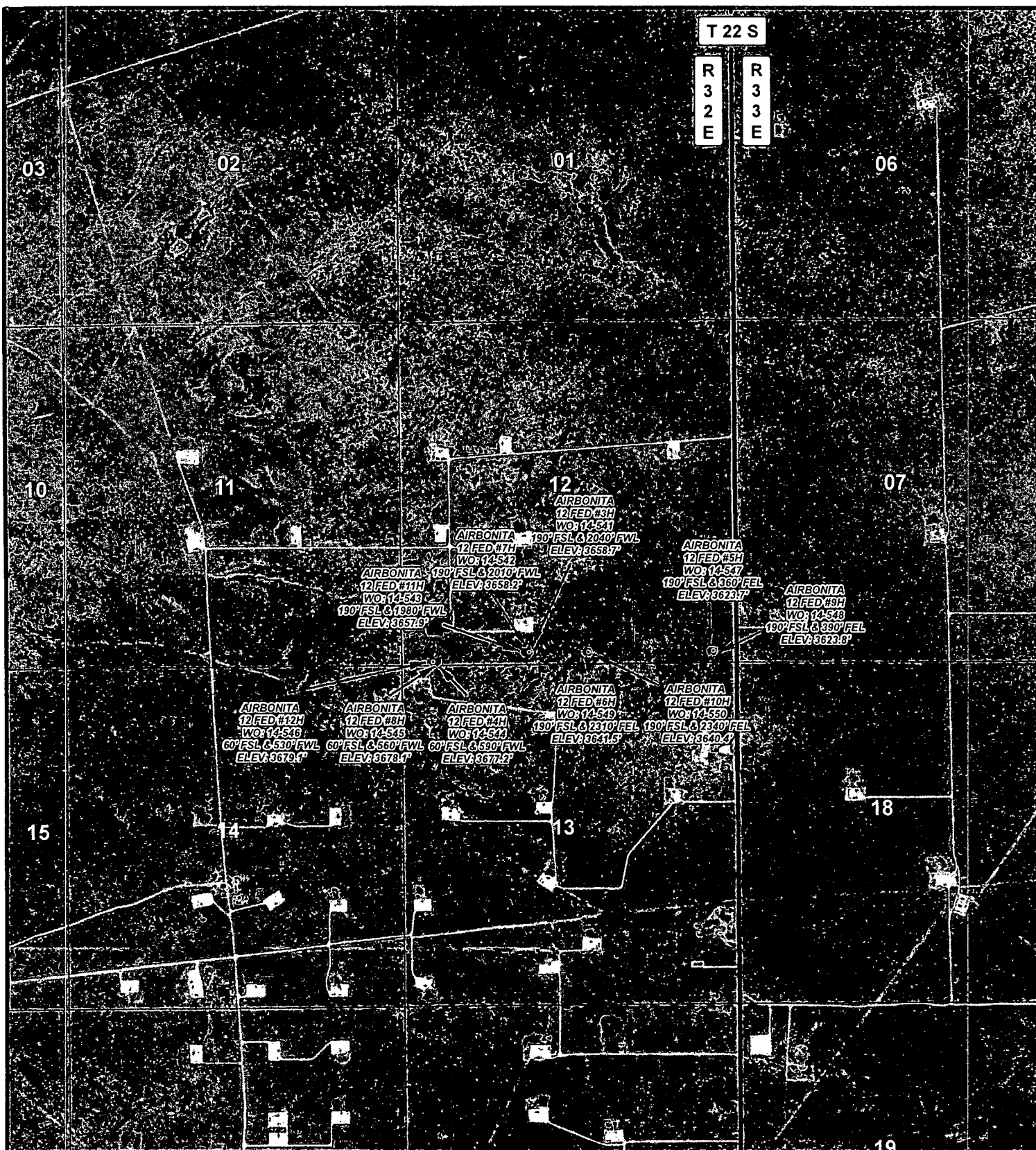
ROAD MAP TOPO 07/16/2014 S.P.



COG OPERATING, LLC



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 chad_harcrow77@yahoo.com



LEGEND

● WELL

AIRBONITA WELL GROUP

SEC: 12 TWP: 22 S. RGE: 32 E. ELEVATION: SEE MAP

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

W.O. # 14-541 THRU. 14-550 LEASE: AIRBONITA 12 FED

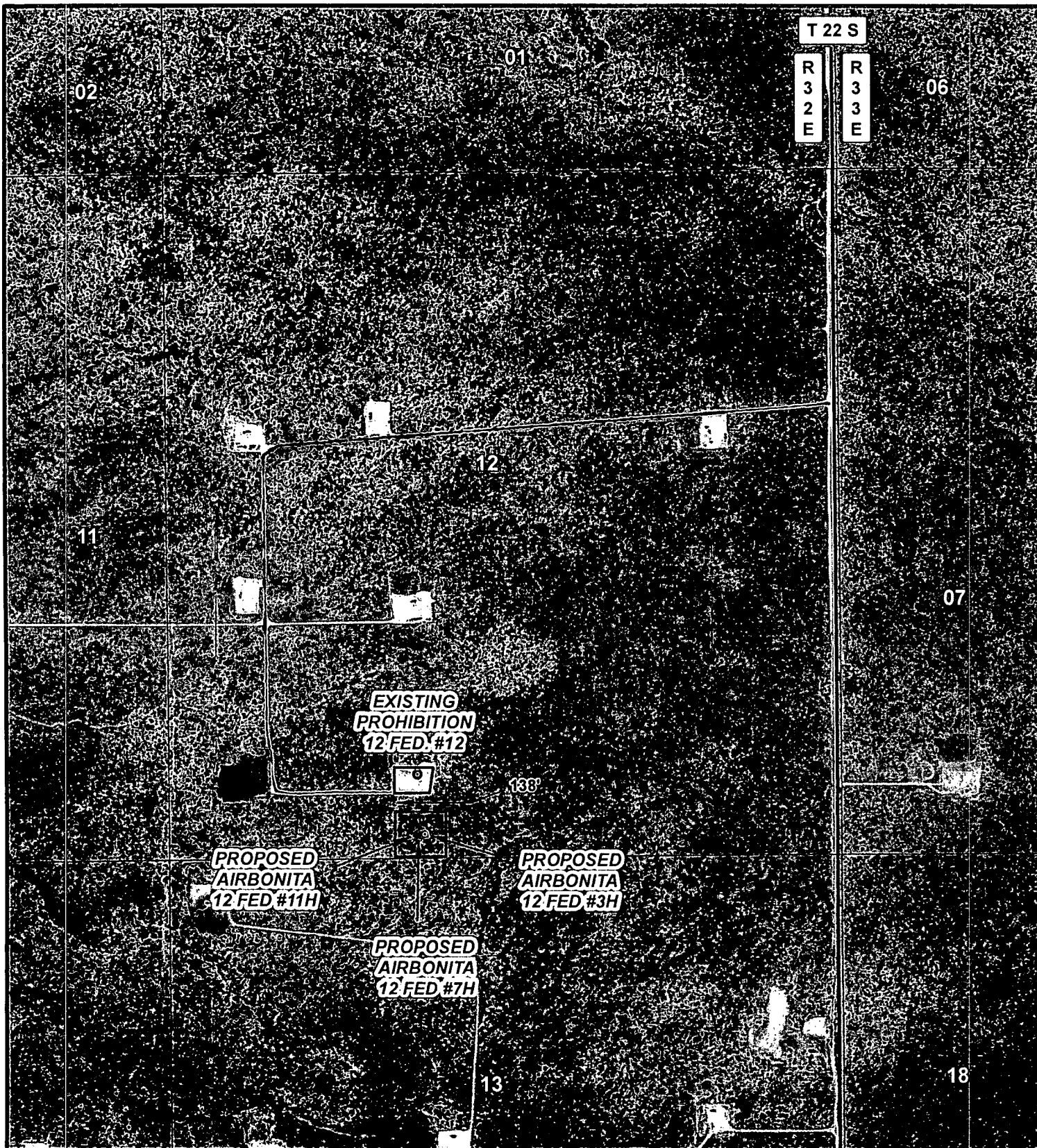
0 2,500 5,000 FEET

0 0.125 0.25 0.5 Miles 1 IN = 2,000 FT

LOCATION OVERVIEW IMAGERY 07/07/2014 SP

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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

AIRBONITA 12 FED #3H, #7H, #11H PROP. RD.		
SECTION: 12	TOWNSHIP: 22 S.	RANGE: 32 E.
STATE: NEW MEXICO	COUNTY: LEA	SURVEY: N.M.P.M.
W.O. # 14-541, 542, 543	LEASE: AIRBONITA 12 FED	
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CONCHO

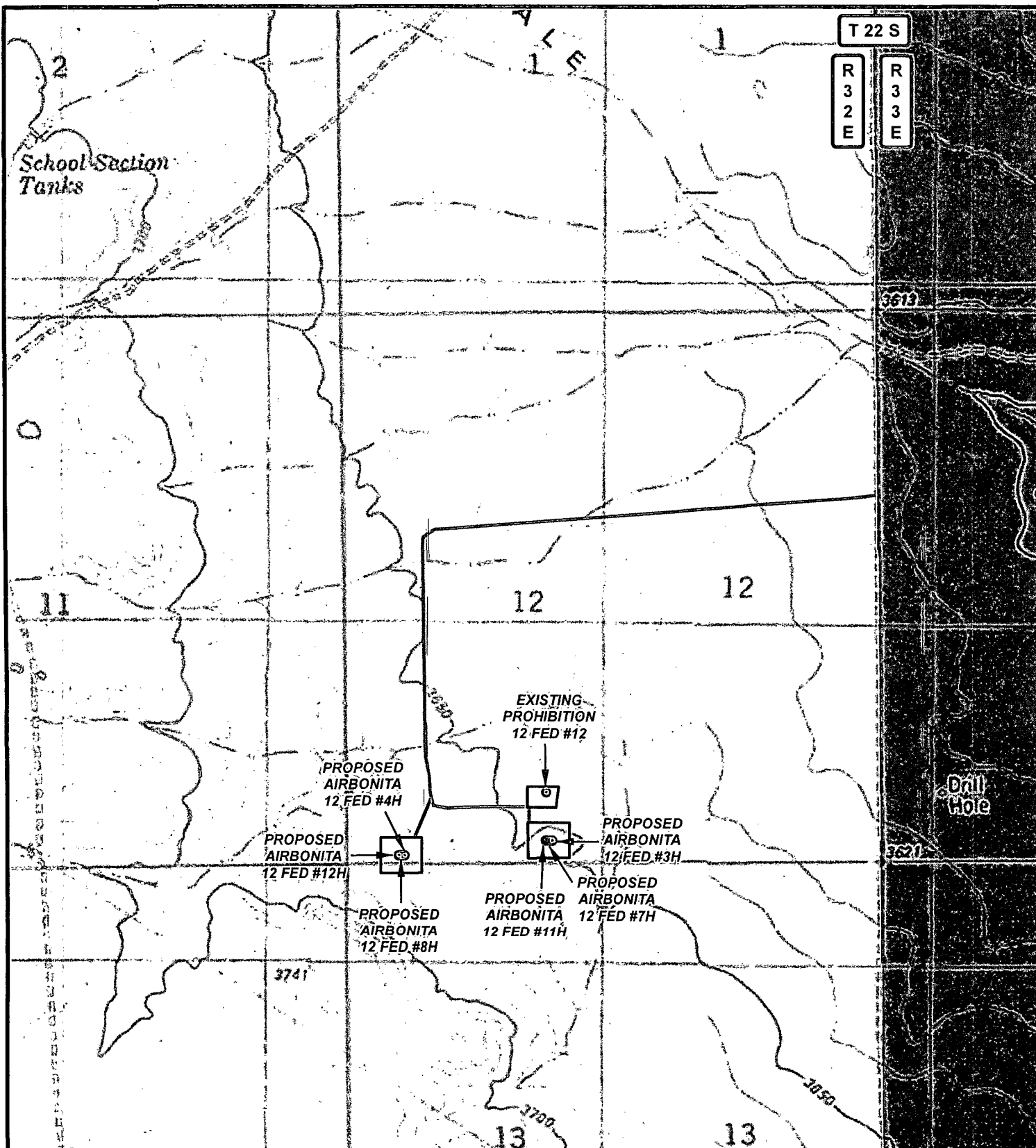
COG OPERATING, LLC

HARCROW SURVEYING, LLC.

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PH: (575) 513-2570 FAX: (575) 746-2158

chad_harcrow77@yahoo.com



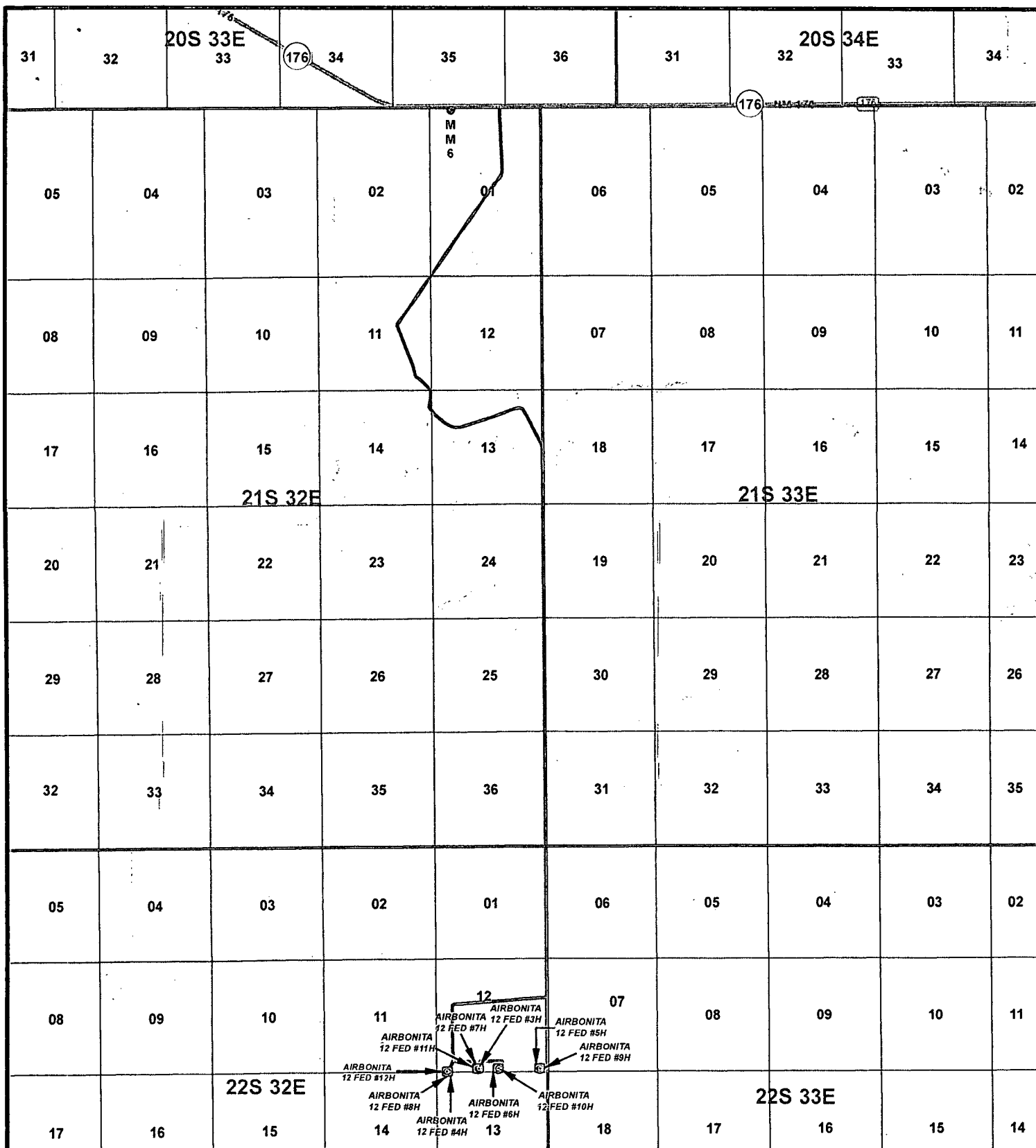
LEGEND

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

AIRBONITA 12 FED ROADS		
SECTION: 12	TOWNSHIP: 22 S.	RANGE: 32 E.
STATE: NEW MEXICO	COUNTY: LEA	SURVEY: N.M.P.M.
W.O. # 14-843	LEASE: AIRBONITA 12 FED	
ROAD OVERVIEW MAP LAND STATUS 09/25/2014 S.P.		

CONCHO
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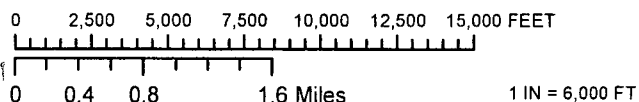


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AIRBONITA WELL GROUP: ROAD MAP

SECTION: 12 TOWNSHIP: 22 S. RANGE: 32 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M.
 W.O. # 14-541 THRU. 14-550 LEASE: AIRBONITA 12 FED



ROAD MAP WORLD STREET 07/16/2014 S.P.

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EXHIBIT 4

34

35

R
3
2
E

R
3
3
E

31

32

T 21 S

T 22 S

05

03

02

01

06

10

11

12

07

15

14

13

18

BHL: 330' FNL &
1980' FWL

AIRBONITA
12 FED #3H

DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH MAY 15, 2014.

LEGEND

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

AIRBONITA 12 FED #3H

SEC: 12 TWP: 22 S. RGE: 32 E. ELEVATION: 3658.7'

STATE: NEW MEXICO COUNTY: LEA 190' FSL & 2040' FWL

W.O. # 14-541 LEASE: AIRBONITA 12 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

07/10/2014

S.P.

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