

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) 746-9720

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) 476-3462

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

FEB 08 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 30-025-43063	Pool Code 51683	Pool Name Red Tank; Bone Spring
Property Code 38946	Property Name AIRBONITA 12 FEDERAL COM	Well Number 5H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3623.7

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	22-S	32-E		190	SOUTH	360	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	12	22-S	32-E		330	NORTH	380	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

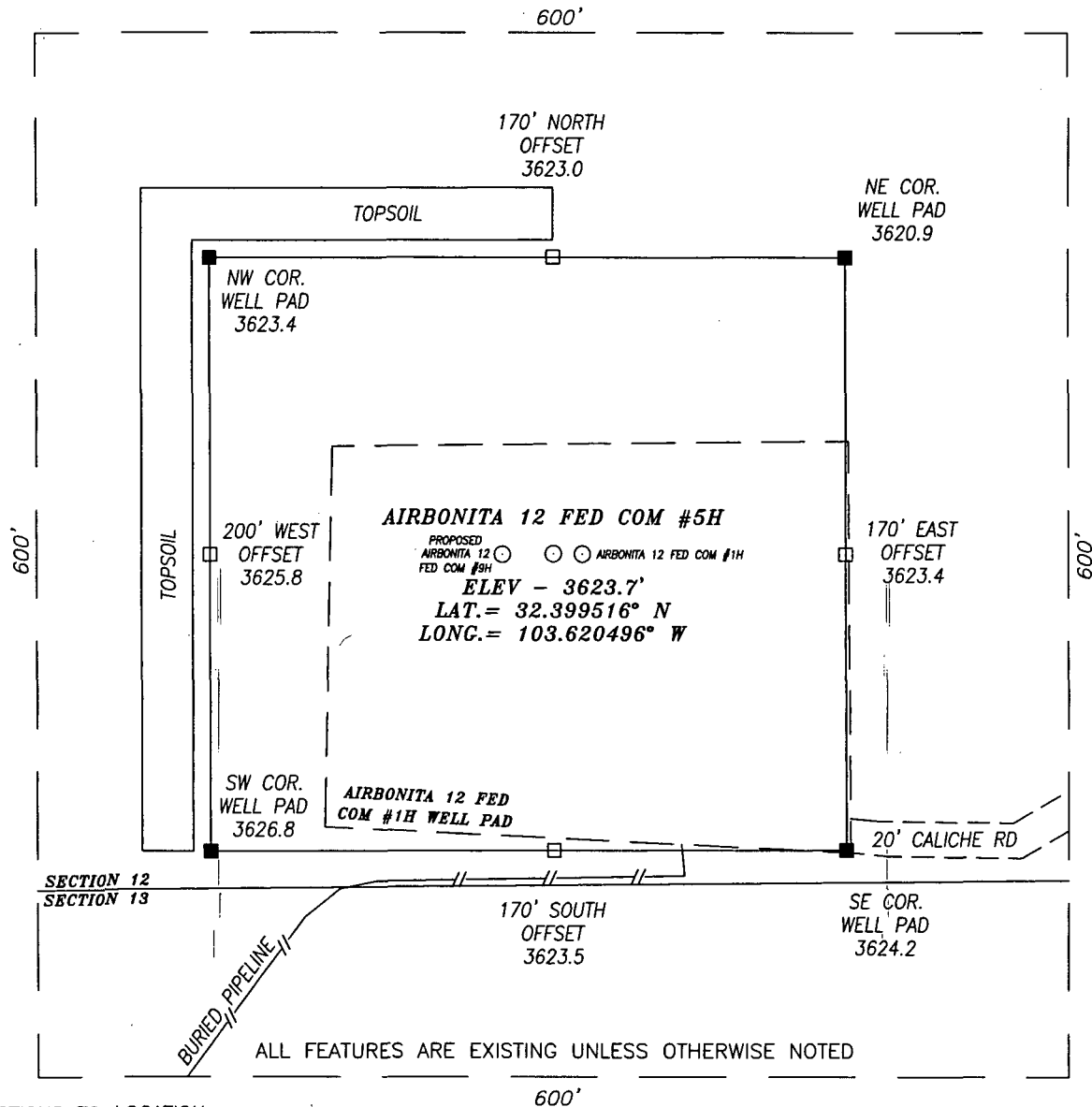
	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this 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 <u>Melanie J Wilson</u> Date <u>5/6/15</u> Printed Name <u>Melanie J Wilson</u> E-mail Address <u>mwilson@concho.com</u>
	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 3, 2014 Date of Survey Signature & Seal of Professional Surveyor
	Certificate No. <u>CHAD HARCROW</u> <u>17777</u> W.O. # <u>14-547</u> DRAWN BY: <u>AM</u>

FEB 11 2016

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

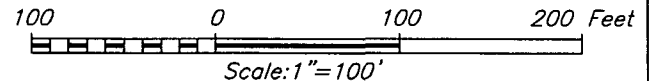
LEA COUNTY

NEW MEXICO



DIRECTIONS TO LOCATION

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. 6.6 MILES; THEN TURN RIGHT (WEST) AND GO APPROX. 160 FEET TO EXISTING AIRBONITA 12 FED COM #1H WELL PAD; THEN PROPOSED WELL IS APPROX. 240 FEET NORTHWEST.



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 COM #5H WELL
LOCATED 190 FEET FROM THE SOUTH LINE
AND 360 FEET FROM THE EAST LINE OF SECTION 12,
TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: 7/3/2014

PAGE: 1 OF 1

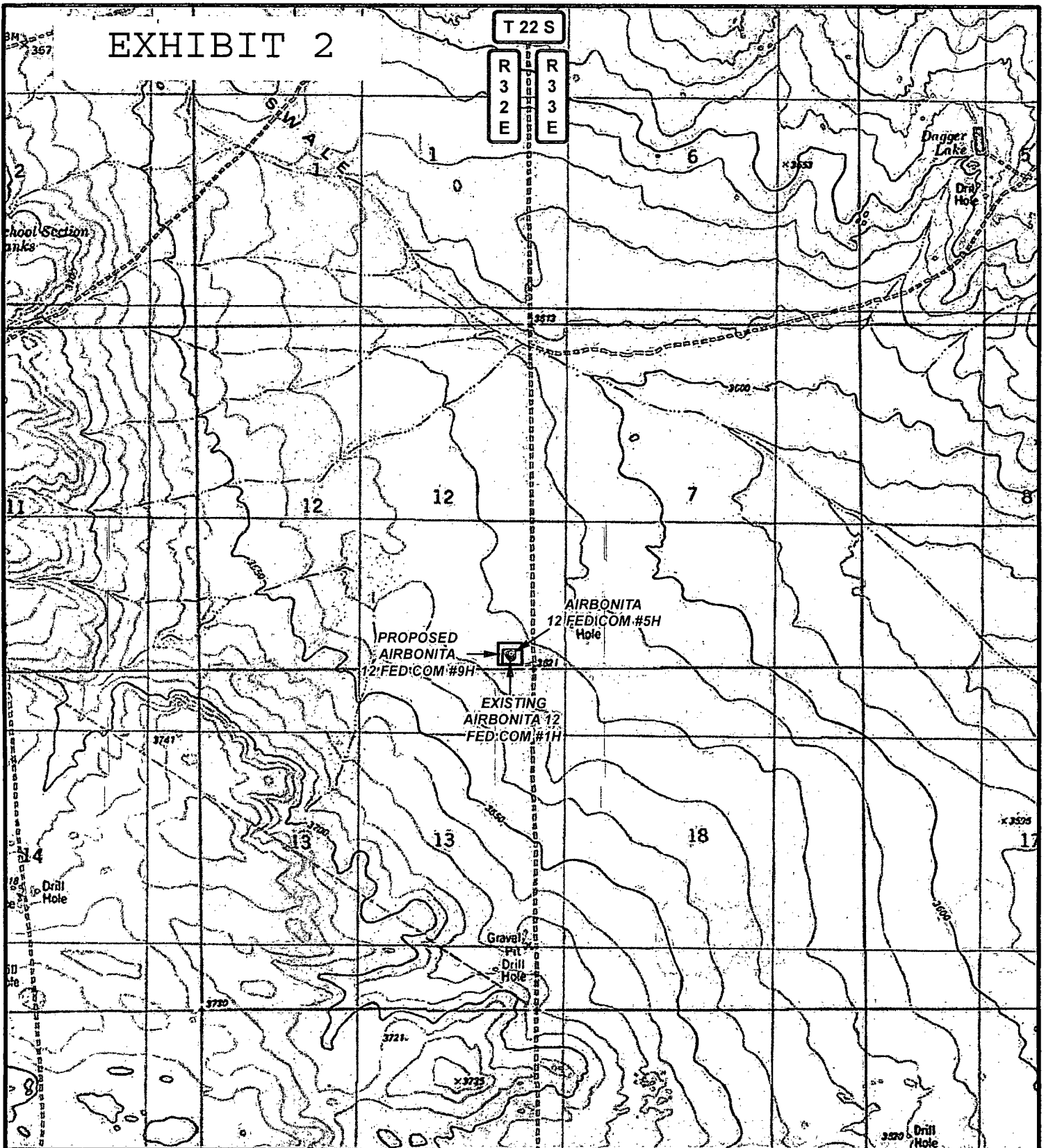
DRAFTING DATE: 7/8/2014

APPROVED BY: CH

DRAWN BY: AM

FILE: 14-547

EXHIBIT 2



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AIRBONITA 12 FED COM #5H

SEC: 12 TWP: 22 S. RGE: 32 E. ELEVATION: 3623.7'

STATE: NEW MEXICO COUNTY: LEA 190' FSL & 360' FEL

W.O. # 14-547 LEASE: AIRBONITA 12 FED COM 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

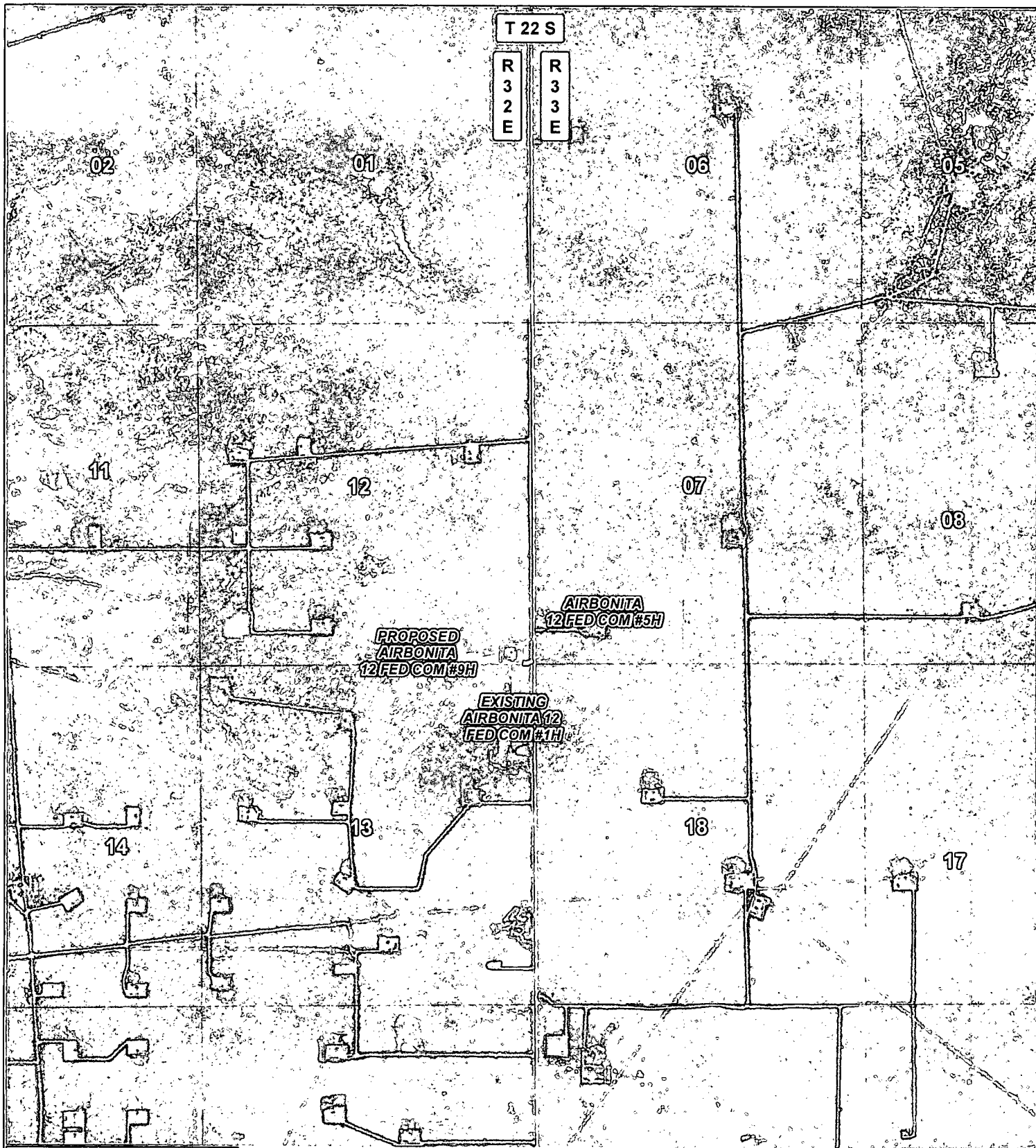
TOPO

07/10/2014

SE

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

AIRBONITA 12 FED COM #5H

SEC: 12 TWP: 22 S. RGE: 32 E. ELEVATION: 3623.7'

STATE: NEW MEXICO COUNTY: LEA 190' FSL & 360' FEL

W.O. # 14-547 LEASE: AIRBONITA 12 FED COM 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

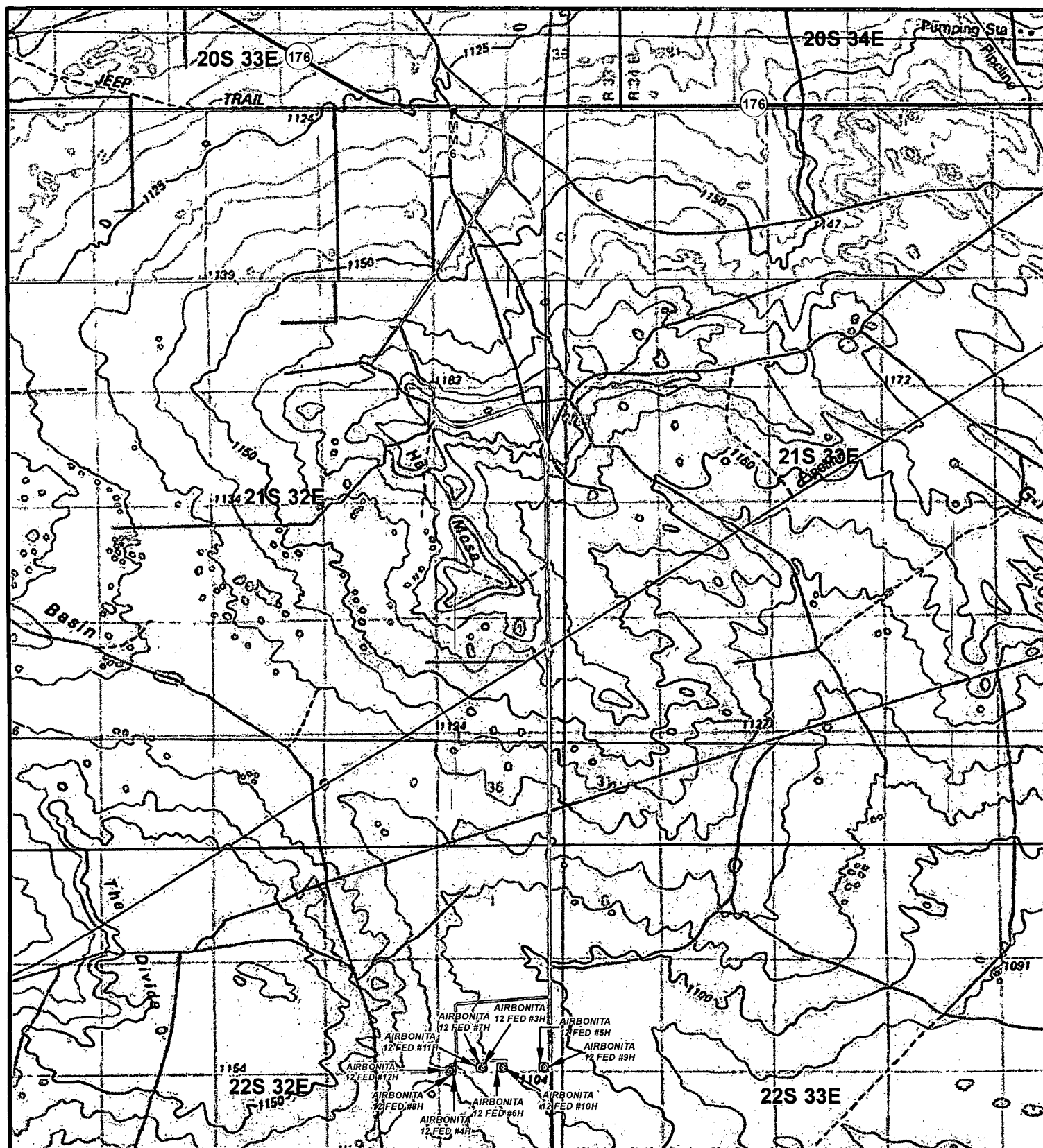
07/10/2014

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

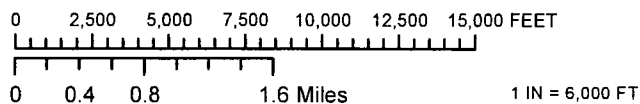


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

AIRBONITA WELL GROUP: ROAD MAP

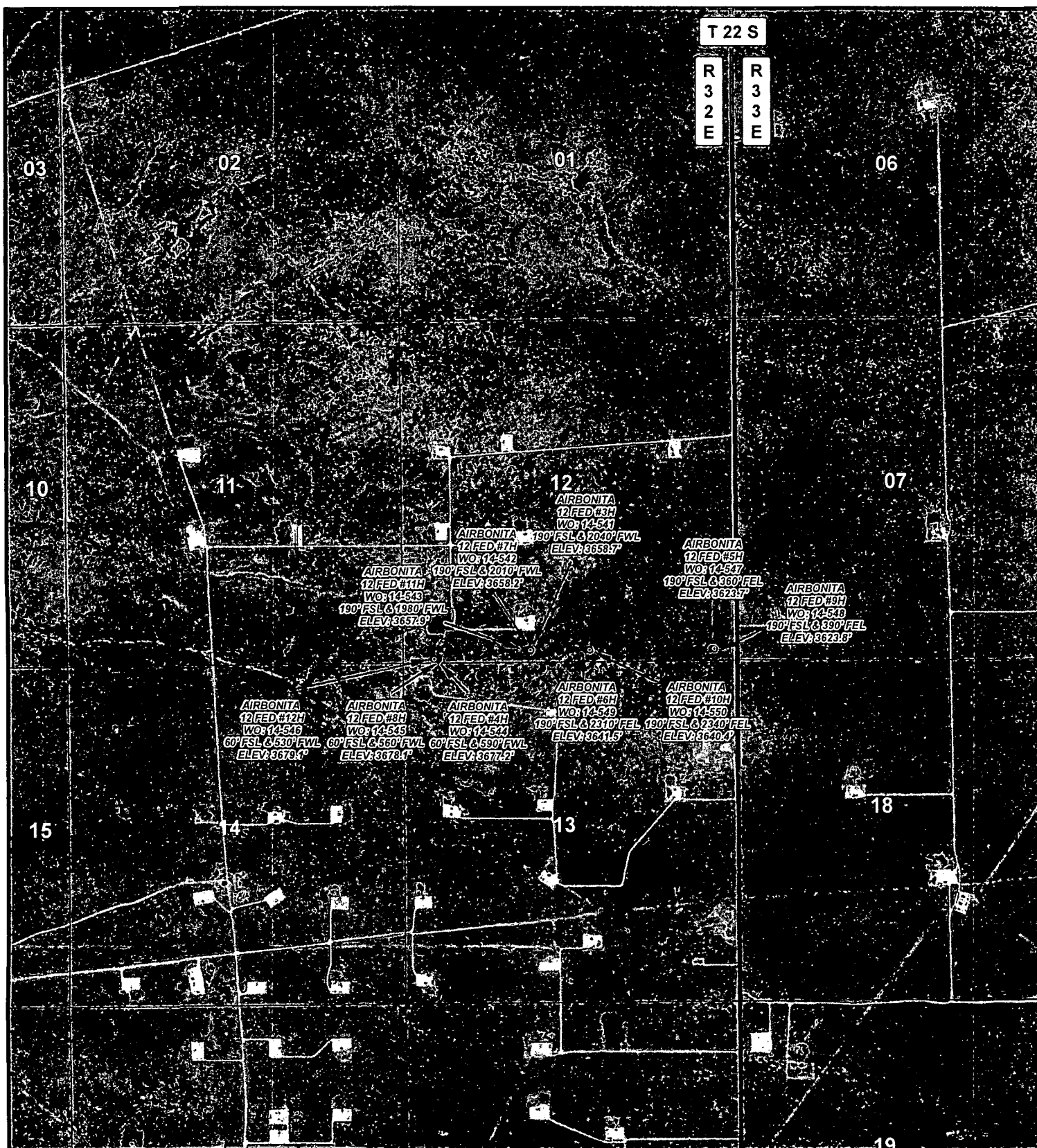
SECTION: 12 TOWNSHIP: 22 S. RANGE: 32 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M
 W.O. # 14-541 THRU. 14-550 LEASE: AIRBONITA 12 FED



ROAD MAP TOPO 07/16/2014 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

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

S.P.

CONCHO

COG OPERATING, LLC

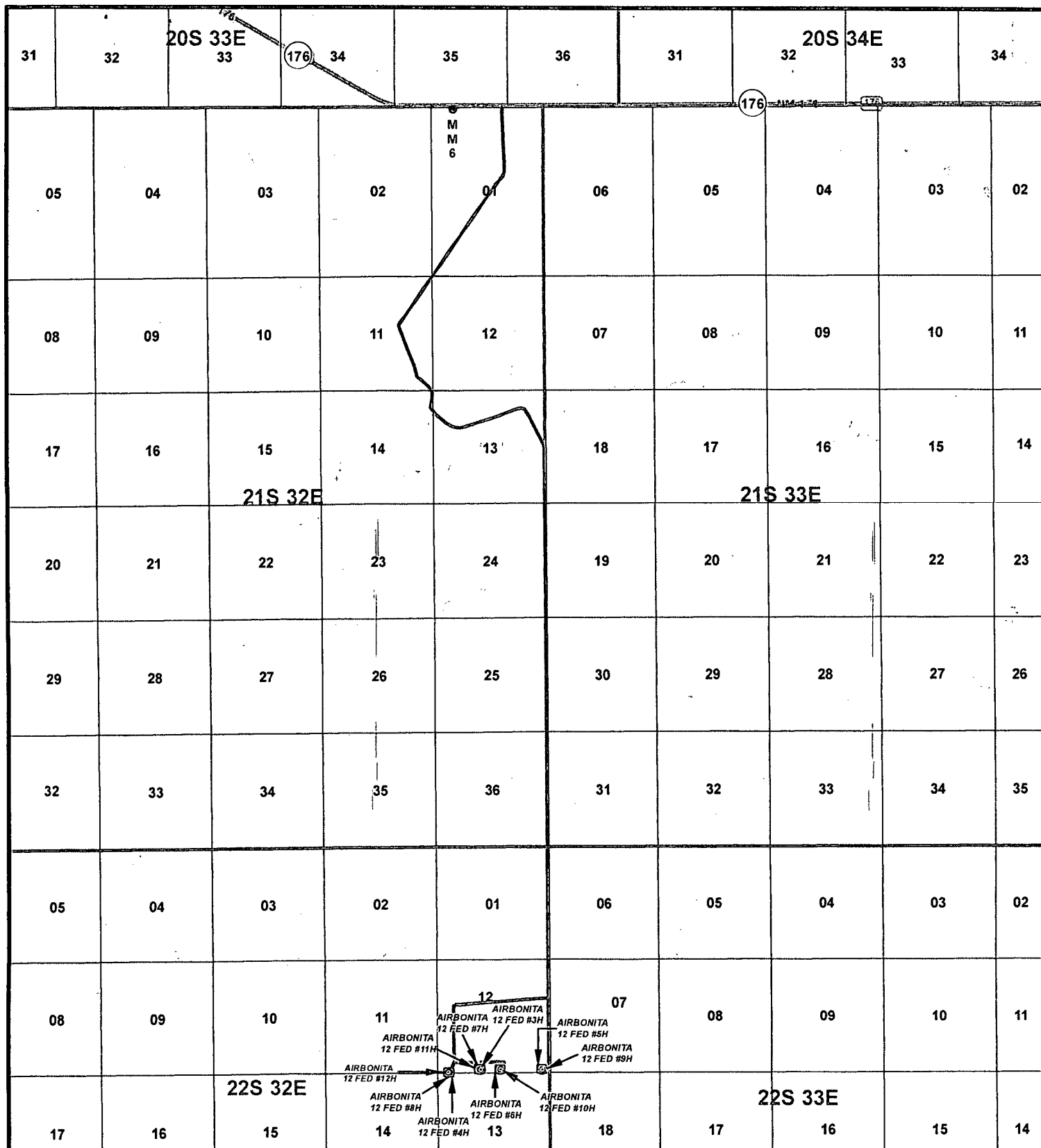


HARCROW SURVEYING, LLC.

2314 W. MAIN ST, ARTESIA, NM 88210

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

chad_harcrow77@yahoo.com



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

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 WORLD STREET 07/16/2014 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

35

EXHIBIT 4

R
3
2
ER
3
3
E

31

32

T 21 S

T 22 S

02

01

06

05

BHL: 330' FNL &
380' FEL

11

07

08

AIRBONITA 12
FED COM #5H

14

18

17

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 COM #5H

SEC: 12 TWP: 22 S. RGE: 32 E. ELEVATION: 3623.7'

STATE: NEW MEXICO COUNTY: LEA 190' FSL & 360' FEL

W.O. # 14-547 LEASE: AIRBONITA 12 FED COM 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

ST



 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