

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) 748-1283 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) 476-3460 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

HOBBS, NM
OCT 30 2015

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- 42905	Pool Code 97892	Pool Name WC-025 G-06 S263407P; UPR Bone Spring
Property Code 38865	Property Name GUNNER 8 FEDERAL COM	Well Number 9H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3361.3

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	26-S	34-E		200'	SOUTH	890'	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	5	26-S	34-E		330'	NORTH	990'	WEST	LEA
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

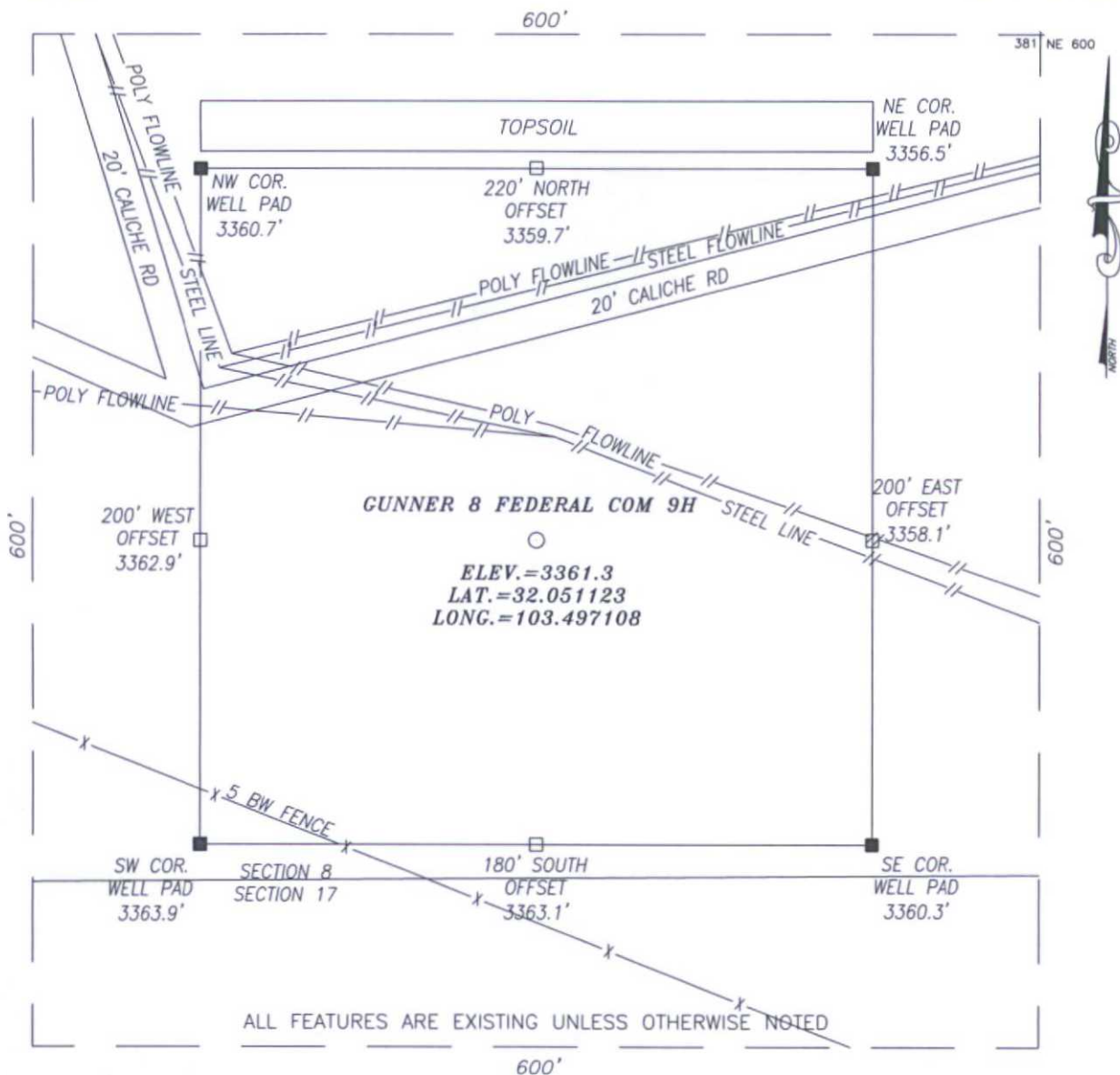
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

NAD 27 <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=393359.8 N X=759101.2 E LAT.=32.078700° N LONG.=103.496806° W NAD 27 <u>SURFACE LOCATION</u> Y=383327.3 N X=759085.6 E LAT.=32.051123° N LONG.=103.497108° W	330' B.H. 990' PROJECT AREA PRODUCING AREA Fee SECTION 5 SECTION 8 NMN124664 GRID AZ. - 00°05'20" HORZ. DIST. - 10032.5' 890' OS.L. 200'	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. <i>Melanie J Parker</i> 3/5/15 Signature Date Melanie J Parker Printed Name mparker@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. DECEMBER 4, 2014 Date of Survey Signature & Seal of Professional Surveyor <i>Chad L. Harcrow</i> 12/22/14 Certificate No. CHAD HARCROW 17777 W.O. # 14-1196 DRAWN BY: AF
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SECTION 8, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.,

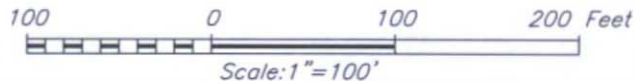
LEA COUNTY

NEW MEXICO



DIRECTIONS TO LOCATION

HEADING SOUTHEAST ON HWY 128 TURN RIGHT (SOUTHWEST) ONTO CR 2 (BATTLE AXE RD.); THEN GO APPROX. .3 MILES; THEN TURN RIGHT (WEST) AND GO APPROX. 1.6 MILES; THEN TURN LEFT (SOUTH) AND GO APPROX. 1 MILE; THEN TURN LEFT (WEST) AND GO APPROX. .5 MILES; THEN TURN LEFT (SOUTHERLY) AND GO APPROX. 1.5 MILES; THEN RIGHT (SOUTHWESTERLY) AND GO APPROX. 3.4 MILES; THEN TURN RIGHT (SOUTHWEST) AND GO APPROX 2.7 MILES; THEN TURN LEFT (SOUTH) AND GO APPROX .7 MILES; THEN TURN LEFT (EAST) AND GO APPROX. 1.8 MILES; THEN RIGHT (SOUTH) AND GO .8 MILES; THEN TURN LEFT (SOUTHEAST) AND GO .4 MILES AND PROPOSED WELL IS SOUTHEAST APPROX. 200'.



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

GUNNER 8 FEDERAL COM #9H WELL
LOCATED 200 FEET FROM THE SOUTH LINE
AND 890 FEET FROM THE WEST LINE OF SECTION 8,
TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: 12/4/2014

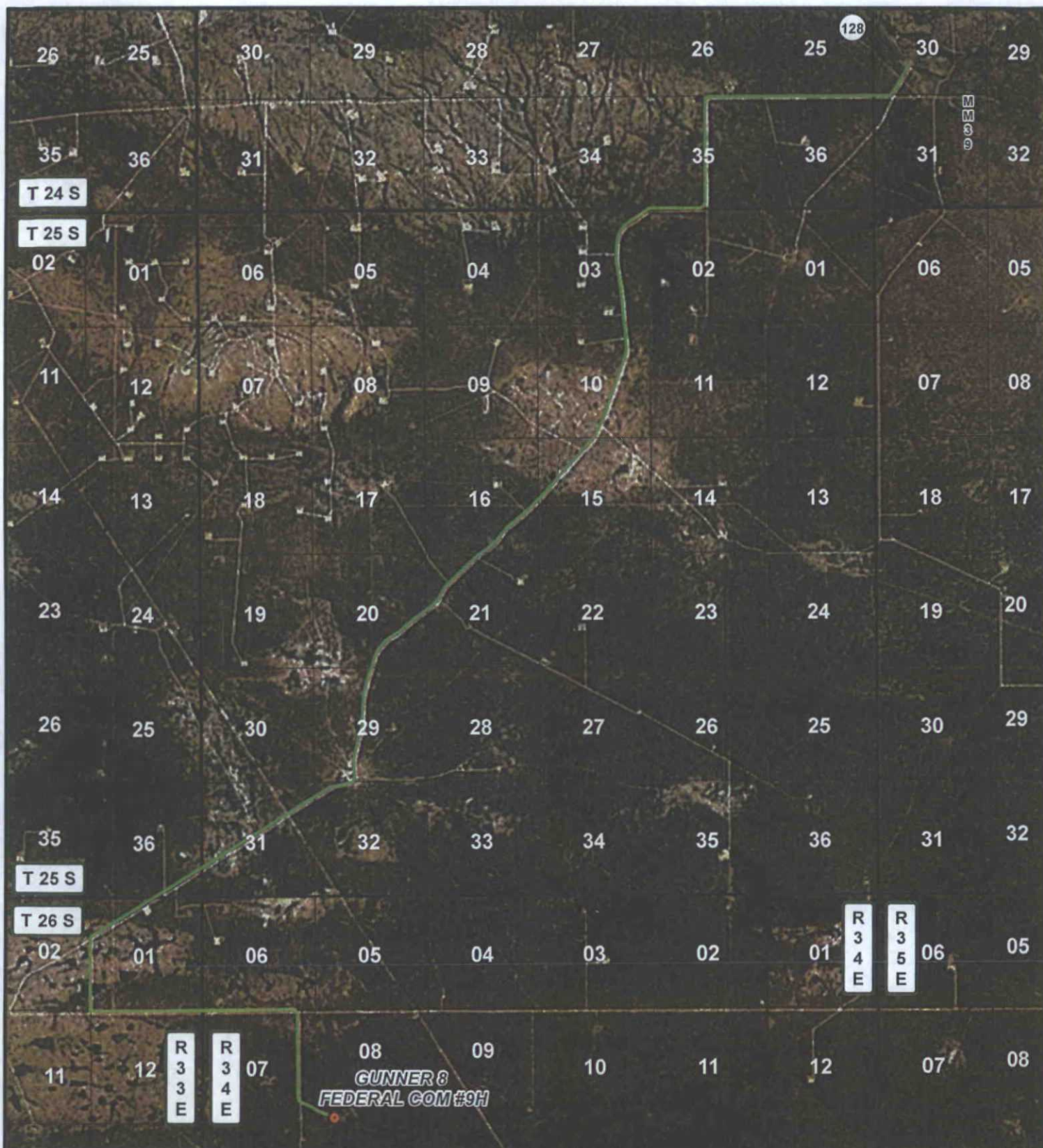
PAGE: 1 OF 1

DRAFTING DATE: 12/19/2014

APPROVED BY: CH

DRAWN BY: AF

FILE: 14-1196



LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

GUNNER 8 FEDERAL COM #9H

SEC: 8 TWP: 26 S. RGE: 34 E. ELEVATION: 3361.3'
 STATE: NEW MEXICO COUNTY: LEA 200' FSL & 890' FWL
 W.O. # 14-1196 LEASE: GUNNER 8 FED COM SURVEY: N.M.P.M

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

LOCATION MAP

IMAGERY

12/19/2014

A.F.

CONCHO

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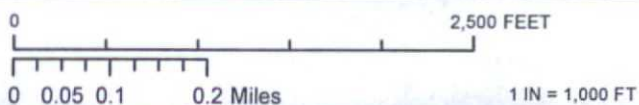


LEGEND

- WELL
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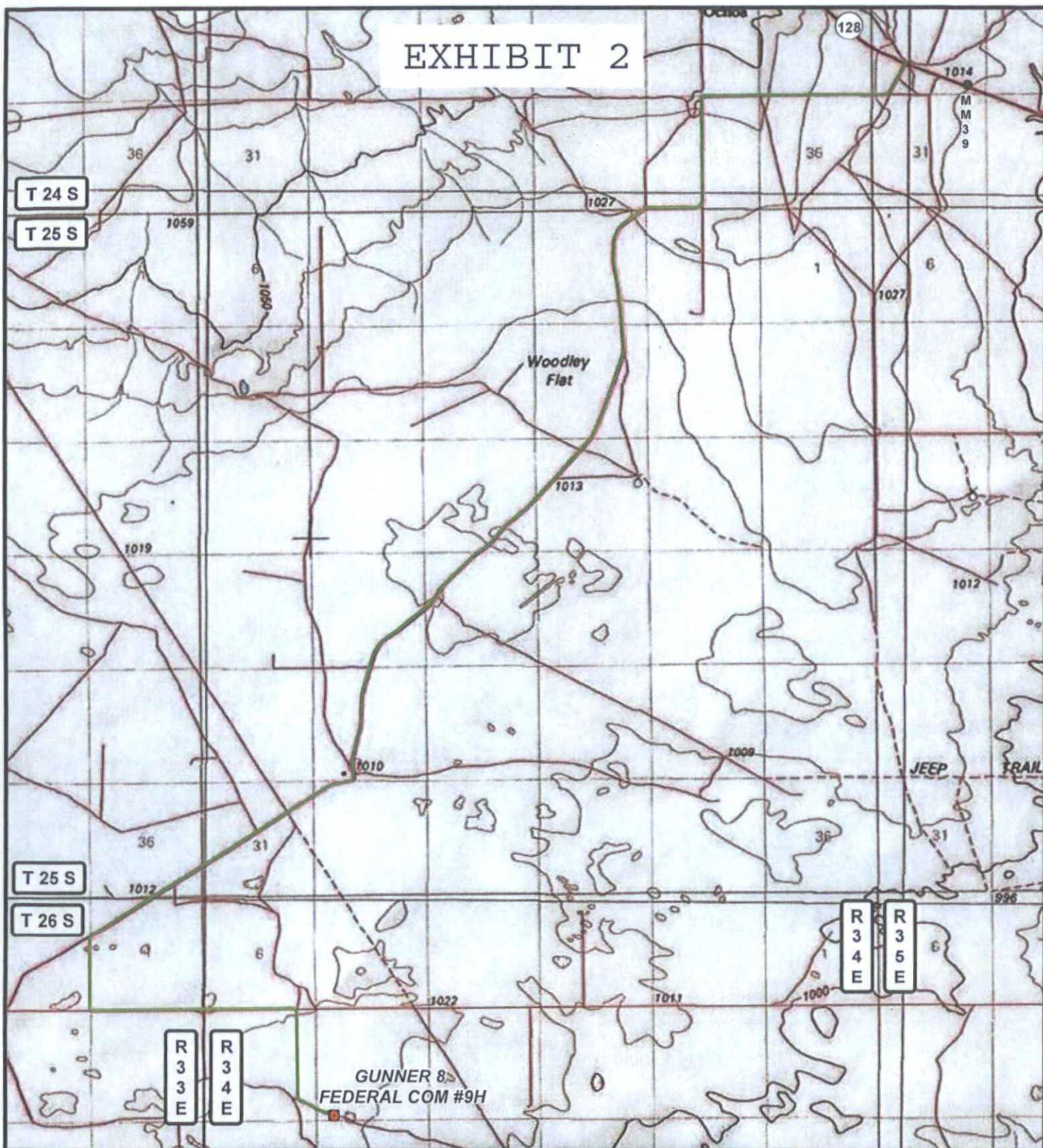


LOCATION MAP IMAGERY ROAD 12/19/2014 A.F.

CONCHO
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HSI HARCROW SURVEYING, LLC.
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 c.harcrow@harcrowsurveying.com

EXHIBIT 2



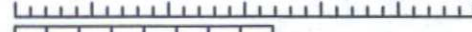
LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

GUNNER 8 FEDERAL COM #9H

SEC: 8 TWP: 26 S. RGE: 34 E. ELEVATION: 3361.3'
 STATE: NEW MEXICO COUNTY: LEA 200' FSL & 890' FWL
 W.O. # 14-1196 LEASE: GUNNER 8 FED COM SURVEY: N.M.P.M

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

LOCATION MAP

TOPO

12/19/2014

A.F.

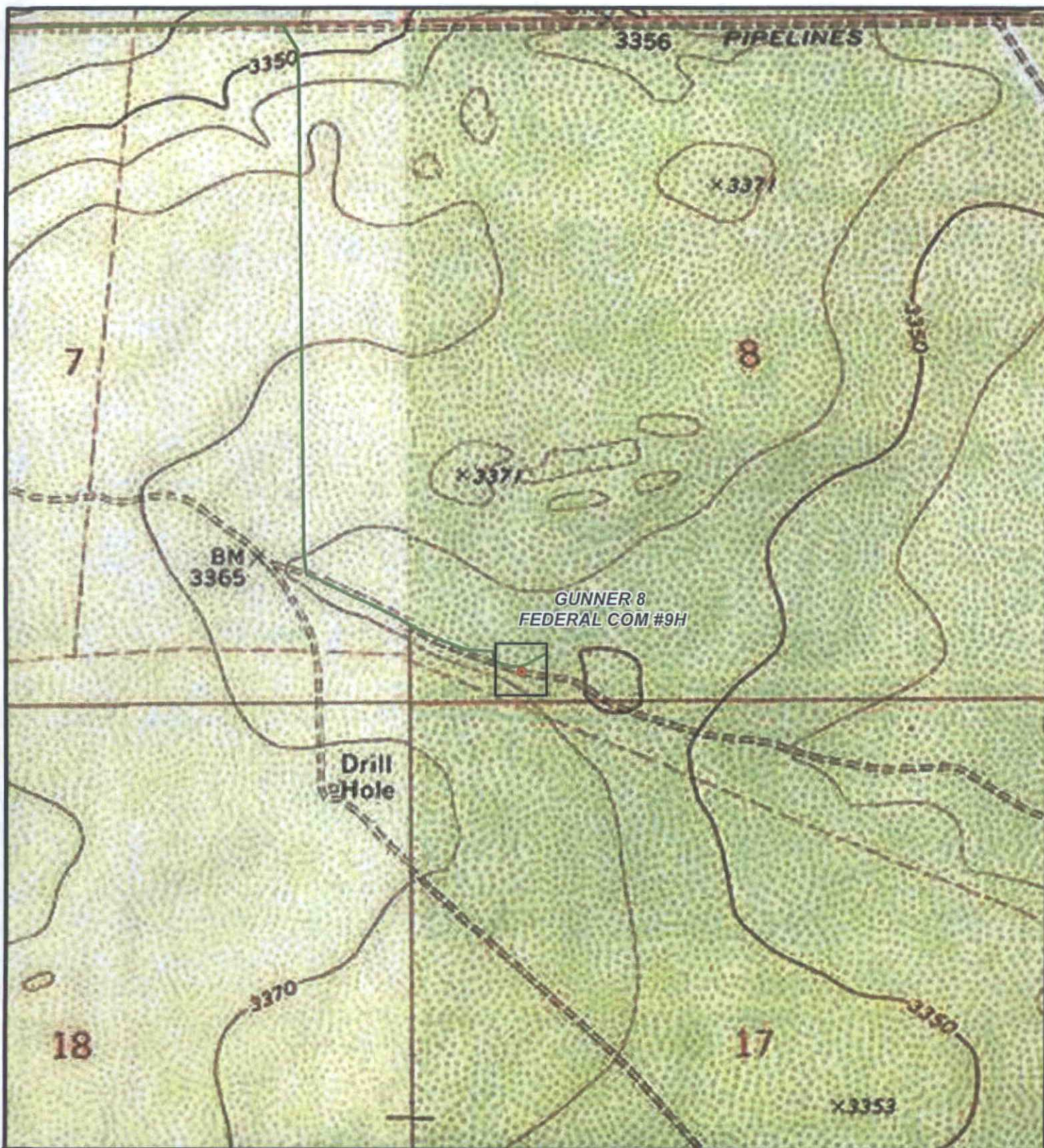
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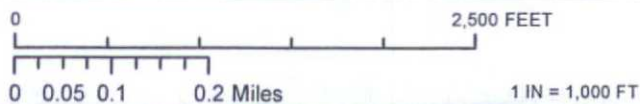


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

GUNNER 8 FEDERAL COM #9H

SEC: 8 TWP: 26 S. RGE: 34 E. ELEVATION: 3361.3'
 STATE: NEW MEXICO COUNTY: LEA 200' FSL & 890' FWL
 W.O. # 14-1196 LEASE: GUNNER 8 FED COM SURVEY: N.M.P.M



LOCATION MAP

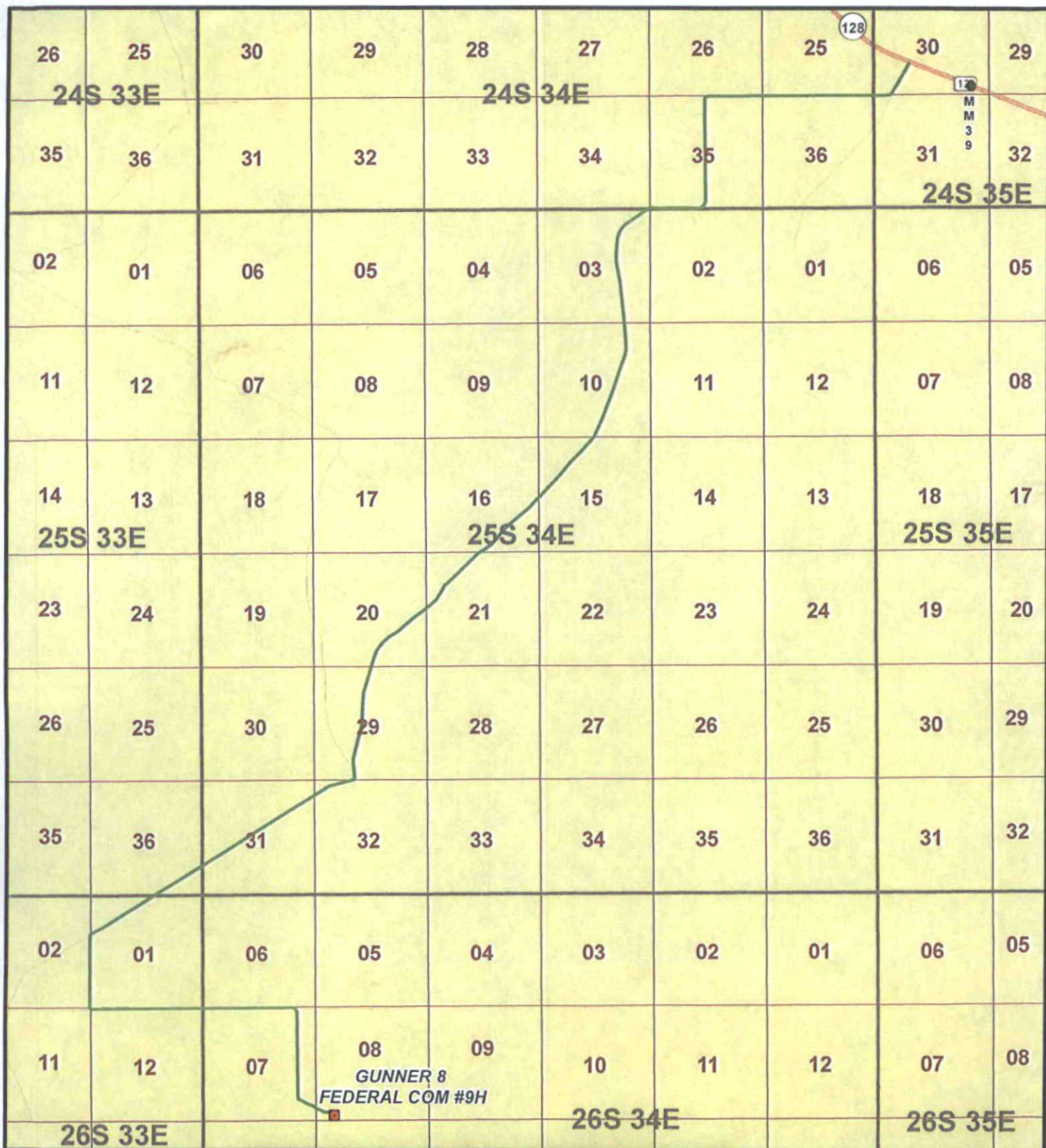
TOPO ROAD

12/19/2014

A.F.

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LEGEND

- WELL
- WELLPAD
- EXISTING ROAD

GUNNER 8 FEDERAL COM #9H

SEC: 8 TWP: 26 S. RGE: 34 E. ELEVATION: 3361.3'

STATE: NEW MEXICO COUNTY: LEA 200' FSL & 890' FWL

W.O. # 14-1196 LEASE: GUNNER 8 FED COM SURVEY: N.M.P.M

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

VICINITY MAP

12/19/2014

A.F.



COG OPERATING, LLC



HARCROW SURVEYING, LLC.

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c.harcrow@harcrowsurveying.com

EXHIBIT 4

T 25 S
R 3 E
R 3 E
T 26 S

BHL:
330' FNL & 990' FWL

GUNNER 8
FEDERAL COM #9H

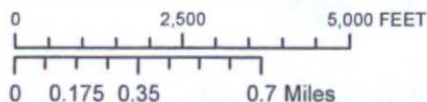
DATA FOR "WELLS WITHIN 1 MI" IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH OCTOBER 18, 2014.

LEGEND

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

GUNNER FEDERAL COM #9H

SEC: 8 TWP: 26 S. RGE: 34 E. ELEVATION: 3361.3'
STATE: NEW MEXICO COUNTY: LEA 200' FSL & 890' FWL
W.O. # 14-1196 LEASE: GUNNER 8 FED COM SURVEY: N.M.P.M



1 IN = 2,750 FT

1 MILE MAP

12/19/2014

A.F.

CONCHO
COG OPERATING, LLC

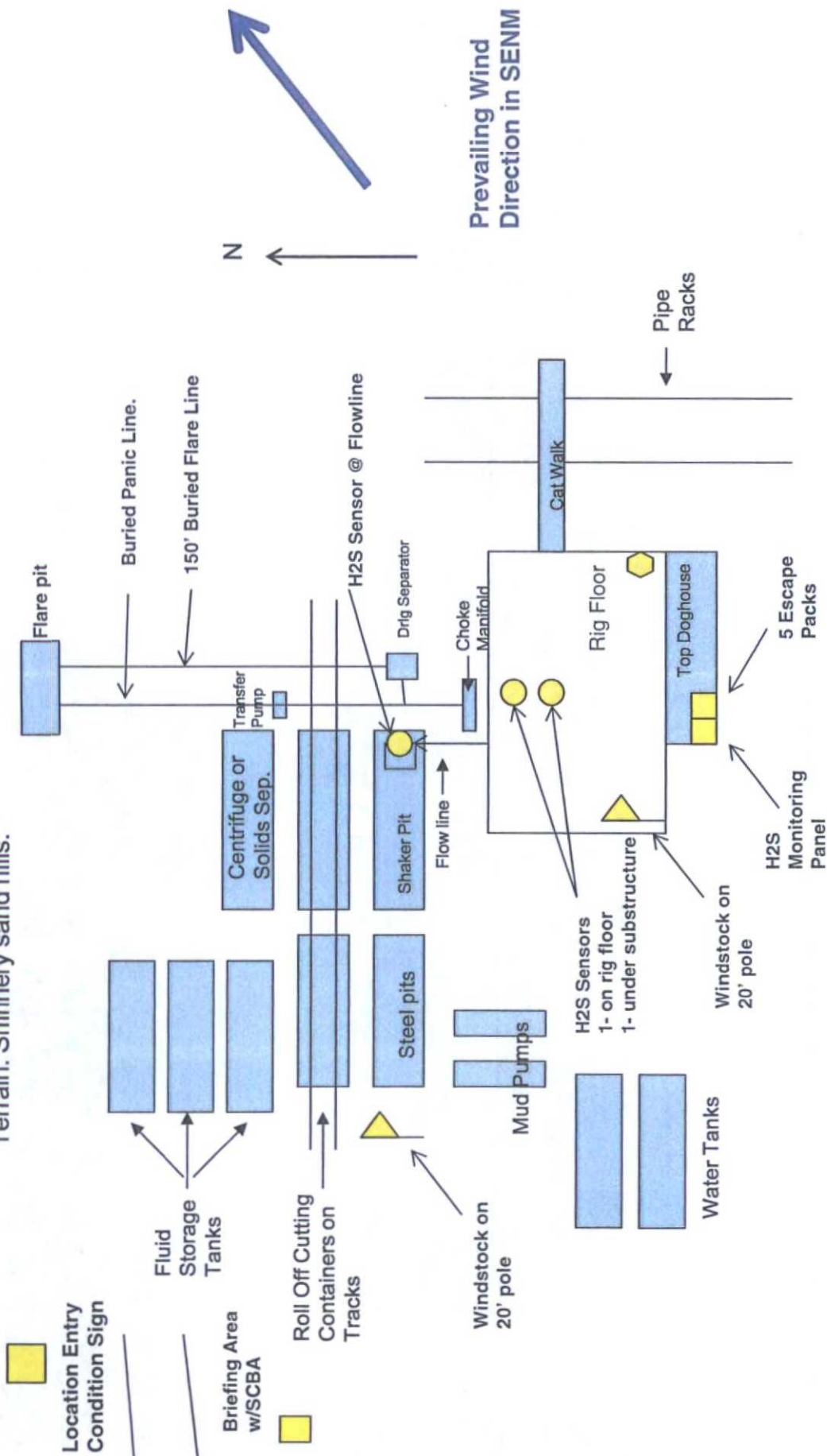


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OBJECTID *	Shape *	OPERATOR	WELL_NAME	LATITUDE	LONGITUDE	API	SECTION	TOWNSHIP	RANGE	FTG_NS	NS_CD	FTG_EW	EW_CD	TVD_DEPTH	COMPL_STAT
1	Point	D W WESTBROOK	CONTINENTAL FEDERAL 001	32.092376	-103.502589	3002508499	31	25.05	34E	660 N		660 E		5393	Plugged
2	Point	HILL & MEEKER	YATES 4 FEDERAL 001	32.066958	-103.481228	3002508502	4	26.05	34E	660 S		660 W		5480	Plugged
3	Point	KIRKLIN DRILLING CO	GULF FEDERAL 001	32.048839	-103.502572	3002508503	18	26.05	34E	660 N		660 E		5452	Plugged
4	Point	AMERICAN PETROFINA	FEDERAL K 001	32.070605	-103.502578	3002520385	6	26.05	34E	1980 S		660 E		5396	Plugged
5	Point	POGO PRODUCING CO	FEDERAL S3 COM 001	32.041592	-103.498288	3002528402	17	26.05	34E	1980 S		660 W		15596	Plugged
6	Point	GULF OIL CORP	ZYSK FEDERAL 001	32.053119	-103.494011	3002528650	8	26.05	34E	925 S		1980 W		5450	Plugged
7	Point	CHI OPERATING INC	SALADO FEDERAL 001	32.056998	-103.494433	3002538402	8	26.05	34E	2310 S		1850 W		5580	Plugged
8	Point	COG OPERATING LLC	GUNNER 8 FEDERAL 006H	32.051168	-103.491918	3002541181	8	26.05	34E	190 S		2625 W			0 New (Not drilled or compl)
9	Point	COG OPERATING LLC	GUNNER 8 FEDERAL 005H	32.051165	-103.488298	3002541180	8	26.05	34E	190 S		1520 E			0 New (Not drilled or compl)
10	Point	COG OPERATING LLC	GUNNER 8 FEDERAL 004H	32.051162	-103.4846	3002541187	8	26.05	34E	190 S		380 E			0 New (Not drilled or compl)
11	Point	DEVON ENERGY PRODUCTION COMPANY, LP	ICHABOD 7 FEDERAL 001H	32.051189	-103.501503	3002540043	7	26.05	34E	195 S		330 E			14275 New (Not drilled or compl)
12	Point	COG OPERATING LLC	GUNNER 5 FEE 001H	32.077839	-103.483981	3002541401	5	26.05	34E	660 N		190 E			0 New (Not drilled or compl)
13	Point	COG OPERATING LLC	GUNNER 16 STATE SWD 001	32.049731	-103.482297	3002540890	16	26.05	34E	330 N		330 W			7015 New (Not drilled or compl)
14	Point	COG OPERATING LLC	GUNNER 8 FEDERAL 008H	32.053373	-103.499362	3002540309	8	26.05	34E	990 S		330 W			17225 New (Not drilled or compl)
15	Point	DEVON ENERGY PRODUCTION COMPANY, LP	ICHABOD 7 FEDERAL 002H	32.06412	-103.504769	3002541239	7	26.05	34E	380 N		1336 E			0 New (Not drilled or compl)
16	Point	COG OPERATING LLC	GUNNER 8 FEDERAL 007H	32.051171	-103.496053	3002541211	8	26.05	34E	190 S		1350 W			0 New (Not drilled or compl)
17	Point	DEVON ENERGY PRODUCTION COMPANY, LP	ICHABOD 7 FEDERAL 004H	32.050595	-103.501908	3002540574	7	26.05	34E	108 S		455 E			14020 New (Not drilled or compl)

COG Operating LLC
H₂S Equipment Schematic
Terrain: Shinnery sand hills.

Well pad will be 400' X 400'
with cellar 20' South of pad center



HOBBS OGD
OCT 30 2015
RECEIVED

Company Representative's Trailer

Primary Briefing
Area w/SCBA

Secondary egress.