

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 Road, 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 OCD

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

SEP 21 2015

AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-42804	Pool Code 37570	Pool Name Lea; Bone Spring
Property Code 315272	Property Name HARLEQUIN 27-22 FEDERAL	Well Number 1H
OGRID No. 258462	Operator Name NADEL AND GUSSMAN HEYCO, LLC.	Elevation 3741'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	27	19-S	34-E		2590	NORTH	510	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
I	22	19-S	34-E		2310	SOUTH	510	EAST	LEA

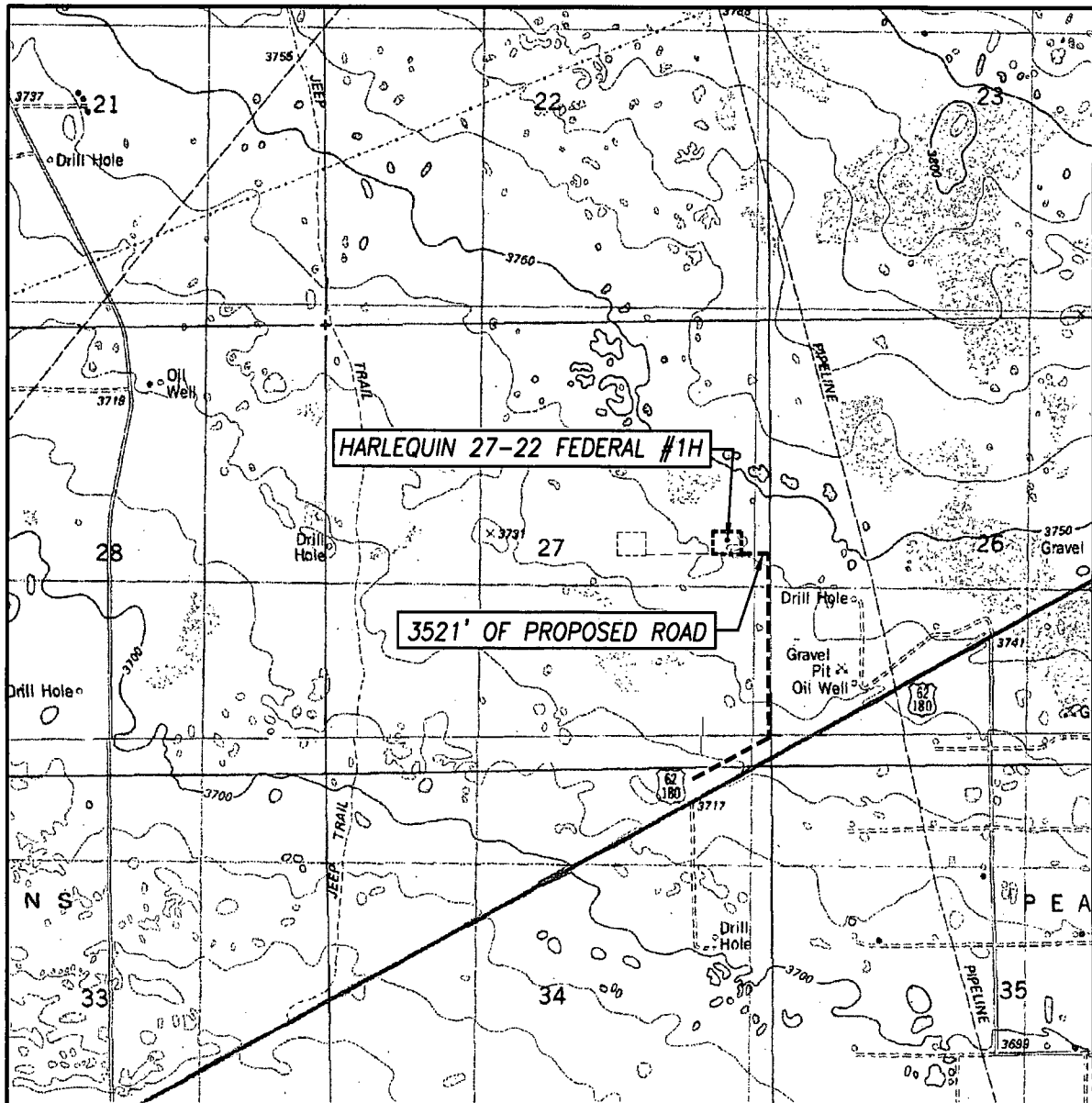
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>CORNER COORDINATES TABLE</p> <p>A - Y=599519.3 N, X=743173.4 E B - Y=599536.3 N, X=744492.8 E C - Y=594246.4 N, X=744542.3 E D - Y=594233.5 N, X=743221.7 E</p> <p>SECTION 22 SECTION 27</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=594297.4 N X=744032.0 E</p> <p>LAT.=32.631324° N LONG.=103.540651° W</p> <p>BOTTOM HOLE LOCATION Y=599196.1 N X=743986.4 E</p> <p>DETAIL 3739.7' 3742.2' 600' 3737.4' 3739.7'</p> <p>GRID AZ.=359°27'56" HORIZ. DIST.=4900.1'</p> <p>SEE DETAIL S.L. 510'</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature <i>Keith Cannon</i> Date</p> <p>Printed Name Keith Cannon</p> <p>E-mail Address KCannon@hexcoenergy.com</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 18, 2013</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor: <i>Gary C. Eidson</i> 12641 12/30/13</p> <p>Certificate Number Gary C. Eidson 12641 Ronald J. Eidson 3239</p> <p>BKL JWSC W.O.: 12.11.2022</p>
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SEP 23 2015

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
IRON HOUSE WELL, N.M. - 10'

SEC. 27 TWP. 19-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 2590' FNL & 510' FEL

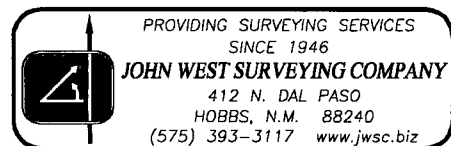
ELEVATION 3741'

OPERATOR NADEL AND GUSSMAN HEYCO, LLC.

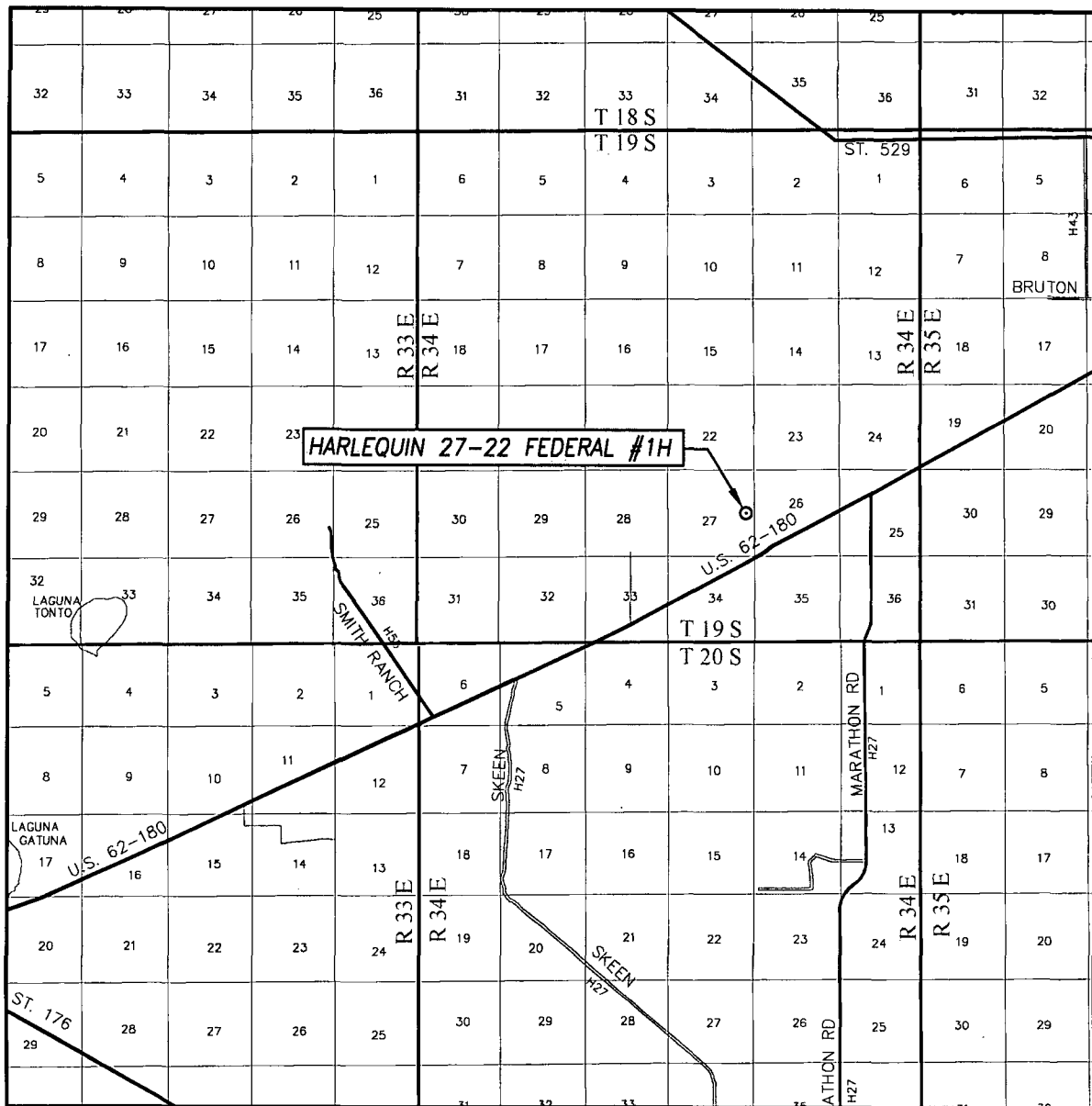
LEASE HARLEQUIN 27-22 FEDERAL

U.S.G.S. TOPOGRAPHIC MAP

IRON HOUSE WELL, N.M.



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 27 TWP. 19-S RGE. 34-E

SURVEY _____ N.M.P.M.

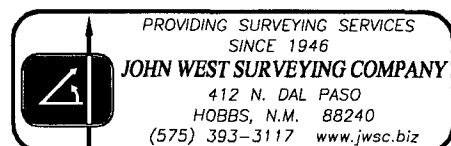
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 2590' FNL & 510' FEL

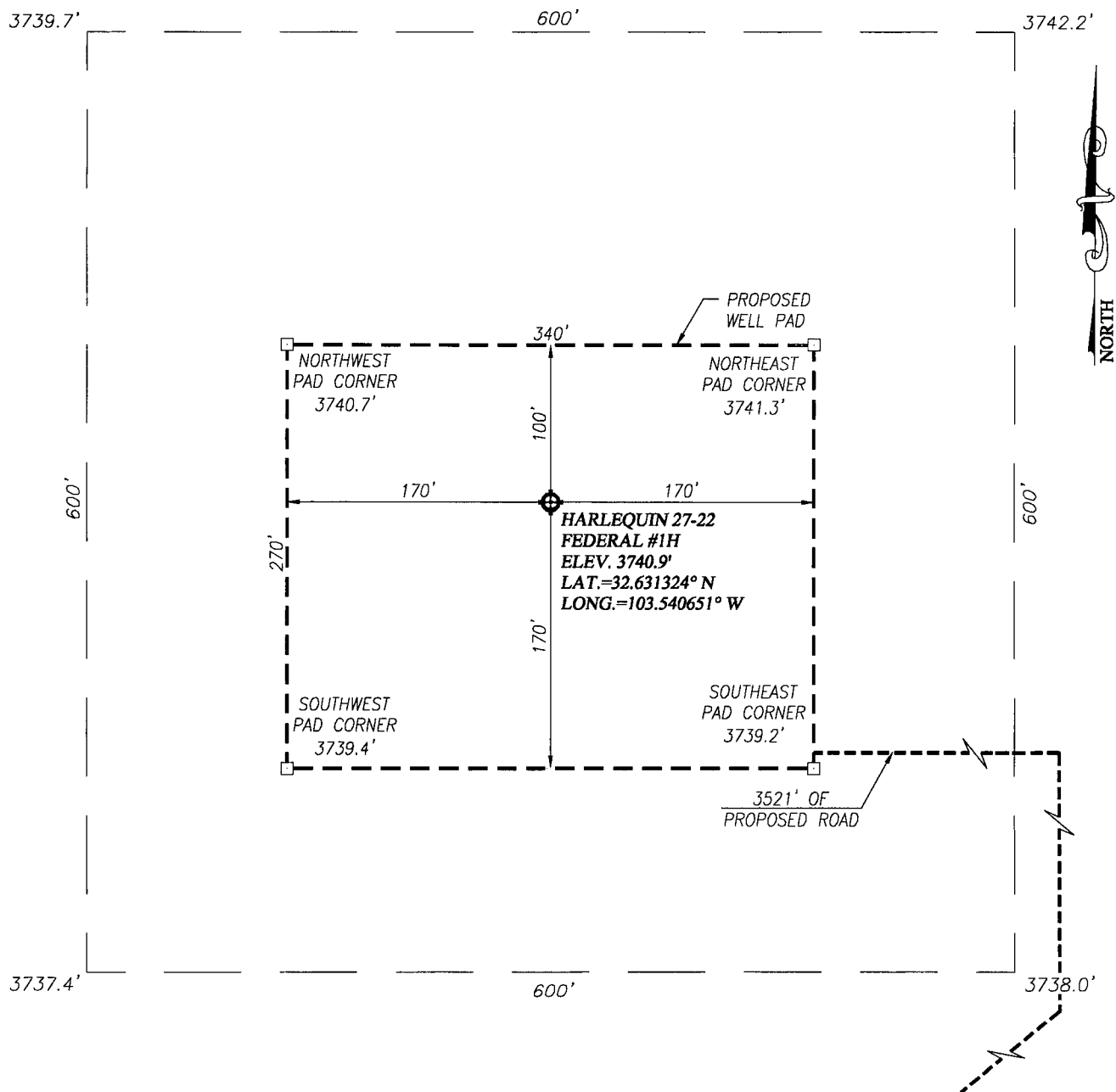
ELEVATION 3741'

OPERATOR NADEL AND GUSSMAN HEYCO, LLC.

LEASE HARLEQUIN 27-22 FEDERAL

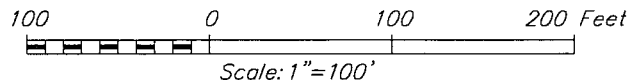


SECTION 27, TOWNSHIP 19 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY **NEW MEXICO**



DIRECTIONS TO HARLEQUIN 27-22 FEDERAL #1H:

FROM THE INTERSECTION OF HIGHWAY 62-180 AND MARATHON RD. (PAVED) GO SOUTHWEST ON HWY. 62-180 APPROX. 2.0 MILES; TURN RIGHT (NORTH) AT A LEASE RD. AND GO JUST PAST HWY R.O.W. FENCE, THEN FOLLOW ROAD SURVEY (NORTHEAST) APPROX. 0.2 MILES; TURN LEFT (NORTH) AND GO APPROX. 0.4 MILES; TURN LEFT (WEST) AND GO 317 FEET TO THE SOUTHEAST CORNER OF PROPOSED WELL PAD. THIS LOCATION IS NORTHWEST APPROX. 233 FEET.



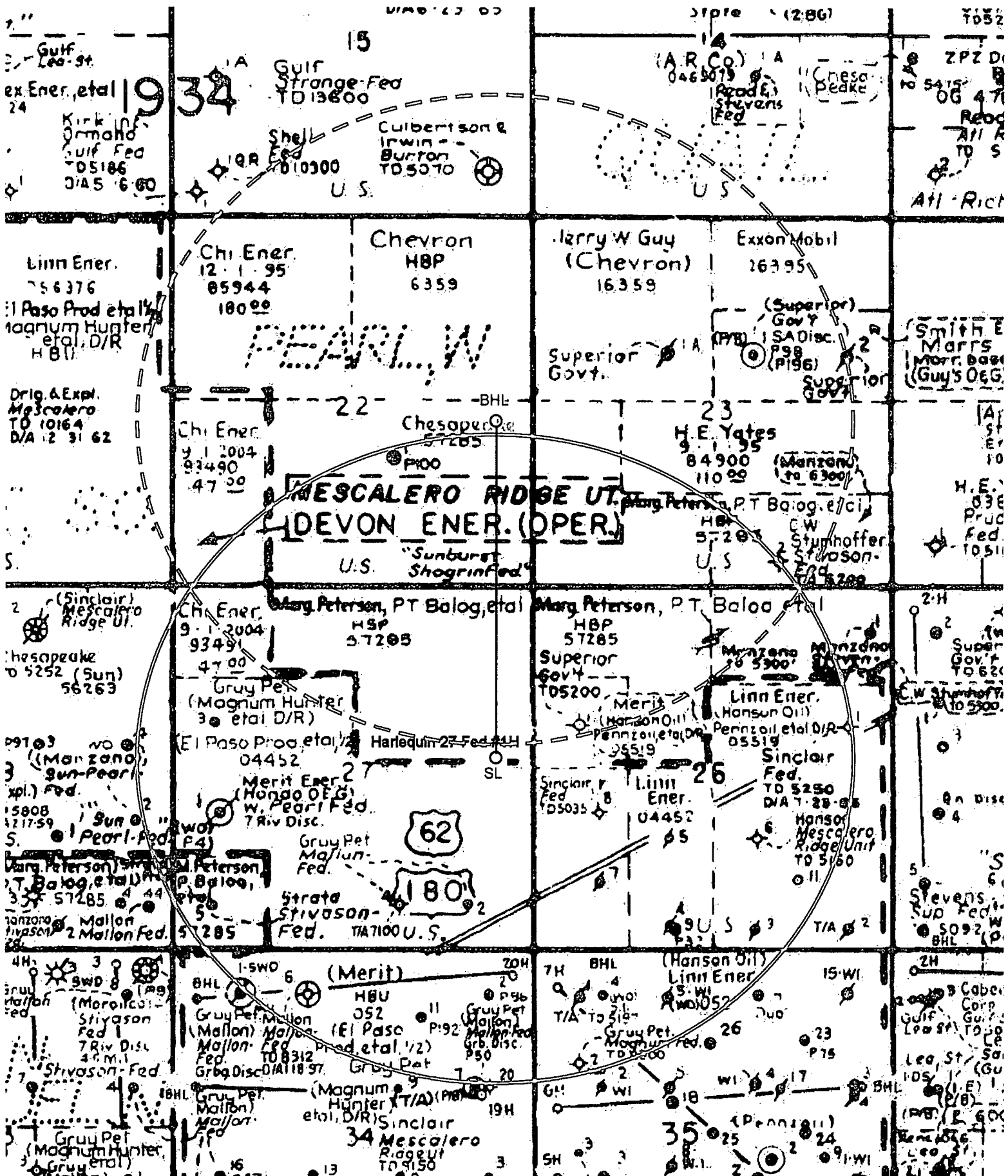
NADEL AND GUSSMAN HEYCO, LLC.

**HARLEQUIN 27-22 FEDERAL #1H WELL
 LOCATED 2590 FEET FROM THE NORTH LINE
 AND 510 FEET FROM THE EAST LINE OF SECTION 27,
 TOWNSHIP 19 SOUTH, RANGE 34 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO**

PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz

Survey Date: 1/18/13	CAD Date: 1/23/13	Drawn By: BKL
W.O. No.: 12112022	Rev: .	Rel. W.O.: Sheet 1 of 1

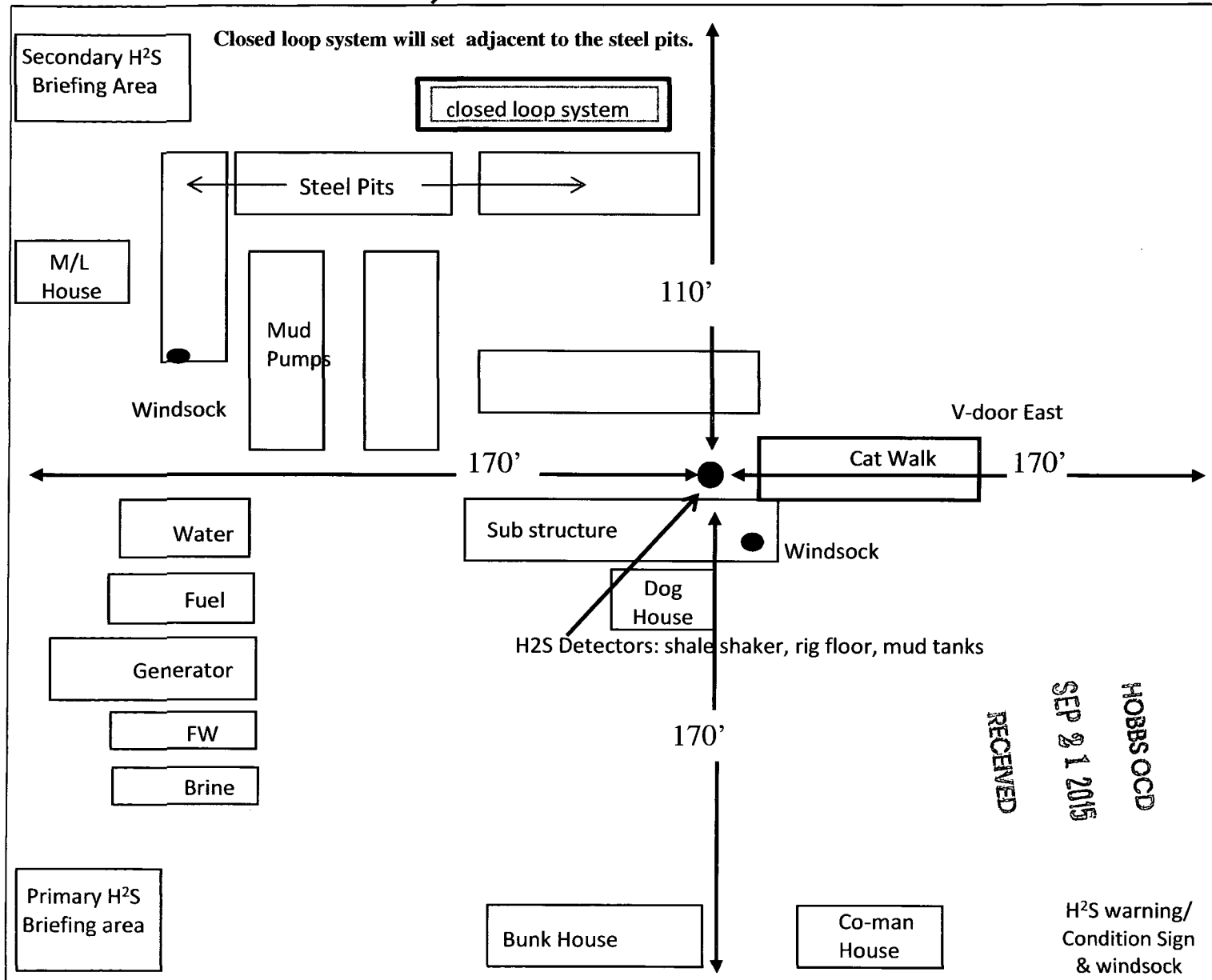
1 mile radius map



Harlequin 27-22 Federal 1H

Secondary egress: southwest HWY 62/180

Prevailing wind out of SW



Nadel and
Gussman
HEYCO
pad layout
270' x 340'

North



terrain: sandy soil,
scattered dunes

Harlequin 27-22 Federal 1H

Sec. 27, T-19S, R-34E
Lea County NM

Location Road to Pre-
existing lease road

RECEIVED
SEP 21 2015
HOBBS OGD

NADEL AND GUSSMAN HEYCO, L.L.C.
P.O. Box 1936
Roswell, NM 88202
(575) 623-6601 (Office)

12/8/11

Mr. Ingram
Carlsbad BLM Field Office
620 E. Greene St.
Carlsbad, NM 88220

Re: Harlequin 27/22 Federal # 1H
Sec. 27, T19S, R34E
Lea, NM
Rule 118 H2S Exposure

Dear Mr. Ingram,

Nadel and Gussman HEYCO, LLC have evaluated this well and we do not expect to encounter hydrogen sulfide. However, we will employ a third party monitoring system. We will begin monitoring prior to drilling out the surface casing and will continue monitoring the remainder of the well.

Please contact me if you have any additional questions.

Sincerely,

Keith Cannon
Drilling Superintendent