

1062

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-9720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 86210  
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 OCD  
JUN 19 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-	Pool Code 27400 22220	Pool Name GEM; BONE SPRING
Property Code 317177	Property Name GERONIMO FEDERAL COM	Well Number 11H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3599.6'

Surface Location

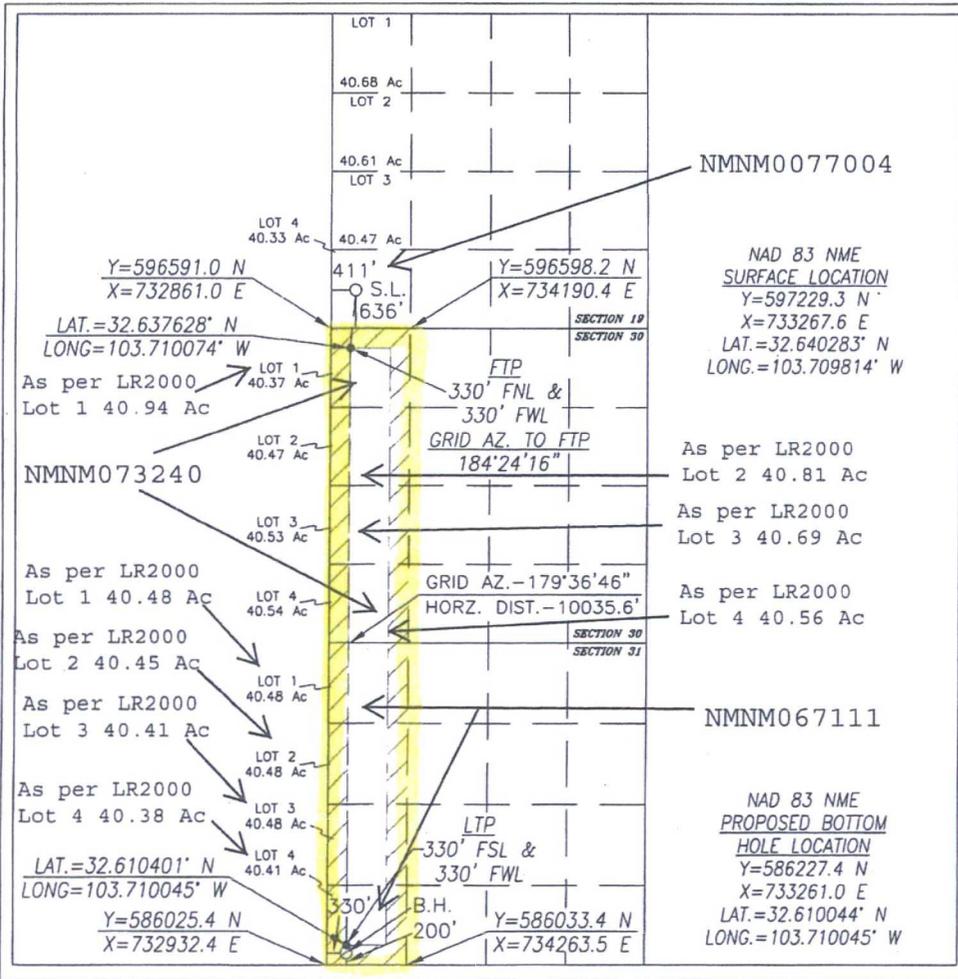
UL or lot No.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
M 4	19	19-S	33-E	4	636	SOUTH	411	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
M 4	31	19-S	33-E	4	200	SOUTH	330	WEST	LEA

Dedicated Acres 324.72	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



**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.

Mayte Reyes 11-3-16  
Signature Date

Mayte Reyes  
Printed Name

mreyes1@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.

MAY 27, 2016  
Date of Survey

Signature & Seal of Professional Surveyor

**CHAD L. HARCROW**  
NEW MEXICO  
17777  
LICENSED PROFESSIONAL SURVEYOR

Chad L. Harcrow 11/1/16  
Certificate No. CHAD HARCROW 17777  
W.O. # 16-867 DRAWN BY: SP

2012

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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  
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District Office

**HOBBS OGD**  
DEC 19 2016  
**RECEIVED**

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-	Pool Code <u>27400 27220</u>	Pool Name GEM; BONE SPRING
Property Code <u>71777</u>	Property Name GERONIMO FEDERAL COM	Well Number 11H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3599.6

**Surface Location**

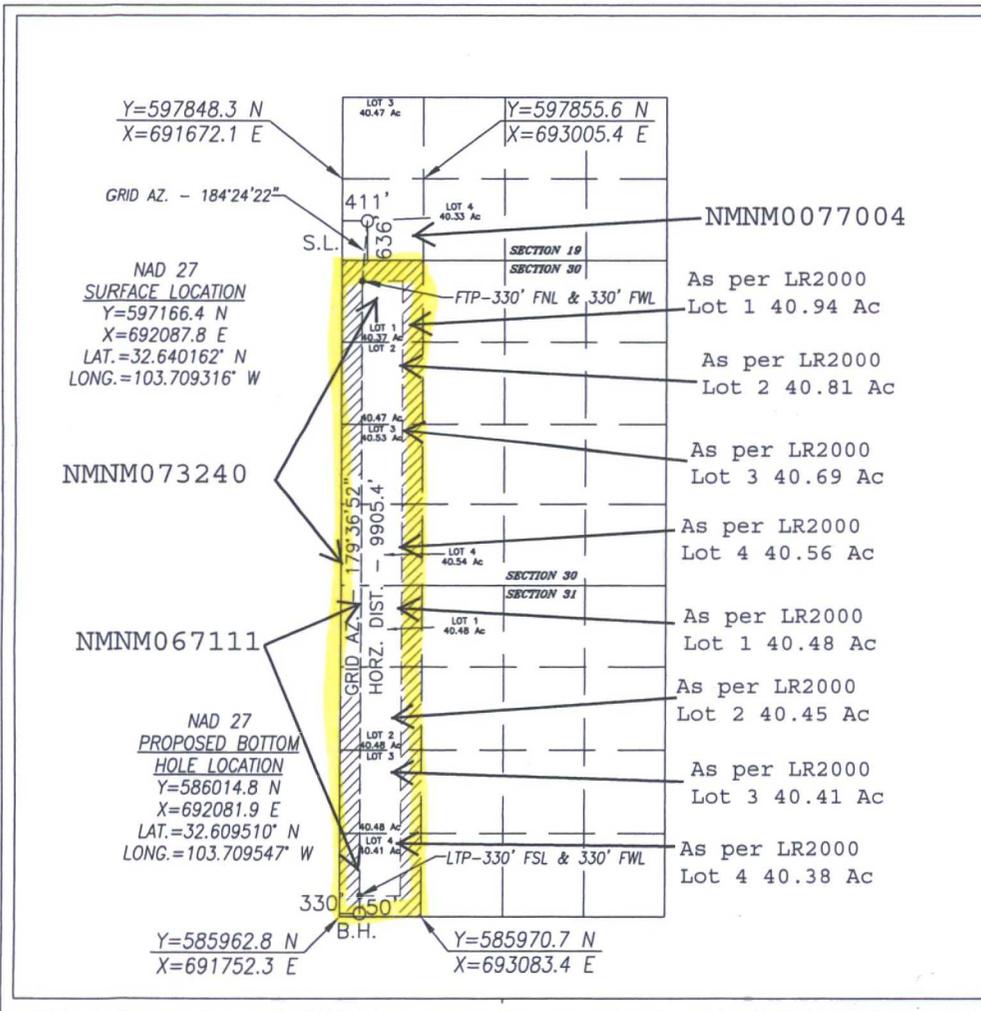
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<u>M</u> 4	19	19-S	33-E	<u>4</u>	636	SOUTH	411	WEST	LEA

**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
<u>M</u> 4	31	19-S	33-E	<u>4</u>	50	SOUTH	330	WEST	LEA

Dedicated Acres 324.72	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.

Mayte Reyes 7-13-16  
 Signature Date  
 Mayte Reyes  
 Printed Name  
 mreyes1@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.

MAY 27, 2016  
 Date of Survey

Signature & Seal of Professional Surveyor

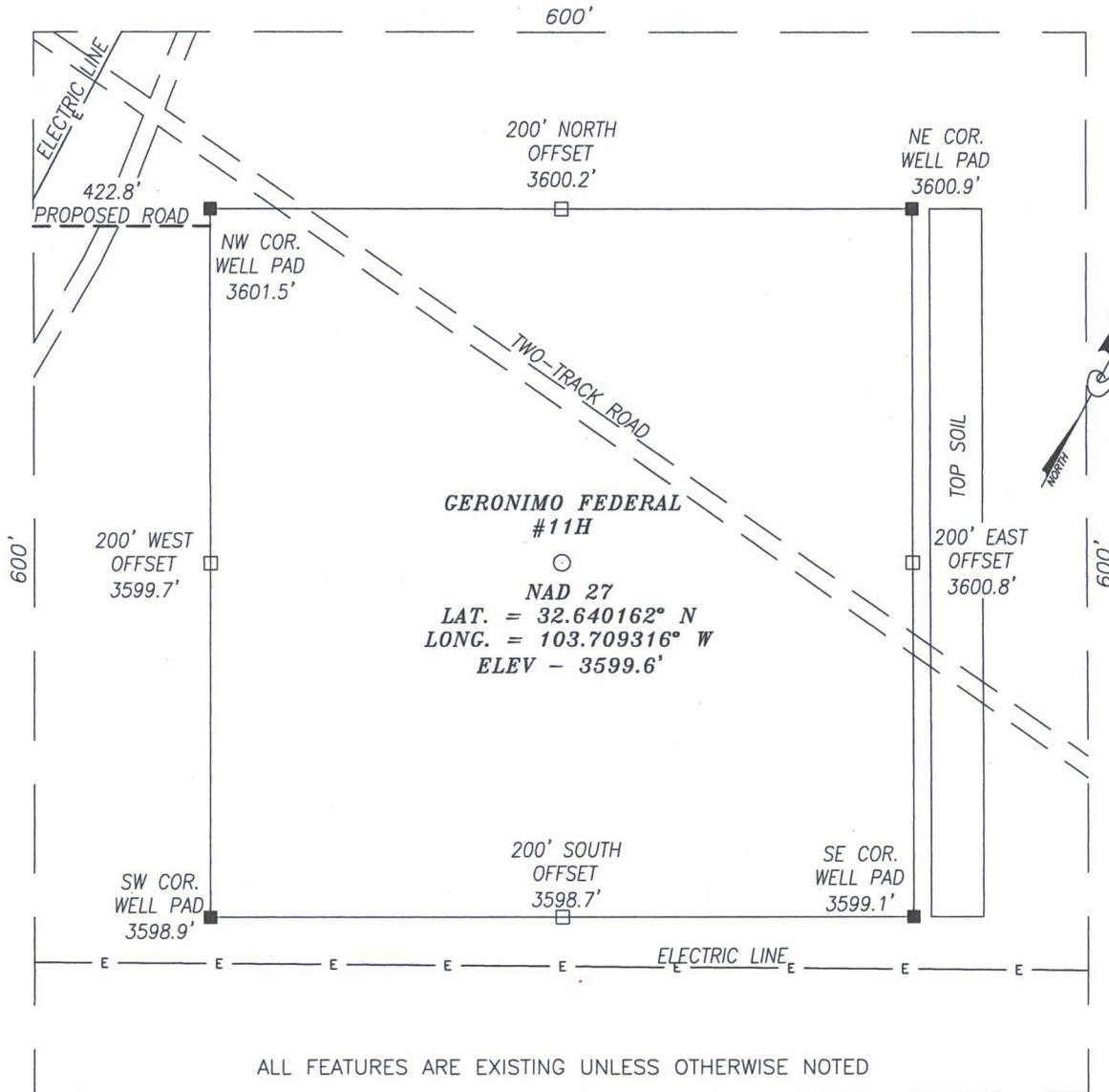
**CHAD L. HARCROW**  
 NEW MEXICO  
 17777  
 LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 6/14/16  
 Certificate No. CHAD HARCROW 17777  
 W.O. # 16-414 DRAWN BY: CH

SECTION 19, TOWNSHIP 19 SOUTH, RANGE 33 EAST, N.M.P.M.,

LEA COUNTY

NEW MEXICO



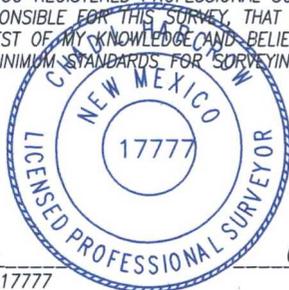
ALL FEATURES ARE EXISTING UNLESS OTHERWISE NOTED

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF DRY LAKE ROAD & MAJAMAR ROAD (CR 126), GO EAST APPROX. 5.0 MILES; THEN TURN RIGHT (SOUTHEASTERLY) AND GO APPROX. 0.7 MILES; THEN TURN LEFT (EASTSOUTHEAST) AND GO APPROX. 0.1 MILE; THEN TURN RIGHT (SOUTHEAST) AND GO APPROX. 0.6 MILES; THEN TURN LEFT (EASTSOUTHEAST) AND GO APPROX. 0.2 MILES; THEN RIGHT (SOUTHWEST) AND GO APPROX. 0.7 MILES; THEN TURN RIGHT (NORTH) AND GO APPROX. 0.1 MILES; THEN TURN LEFT (WEST) AND GO APPROX. 0.2 MILES; THEN TURN RIGHT (NORTH) AND GO APPROX. 0.1 MILES; THEN TURN LEFT (WEST) AND GO APPROX. 330 FEET; THEN TURN RIGHT (NORTH) AND GO APPROX. 260 FEET TO A PROPOSED ROAD; THE PROPOSED WELL IS APPROX. 650 EAST.

CERTIFICATION

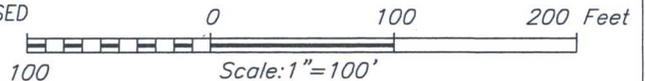
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



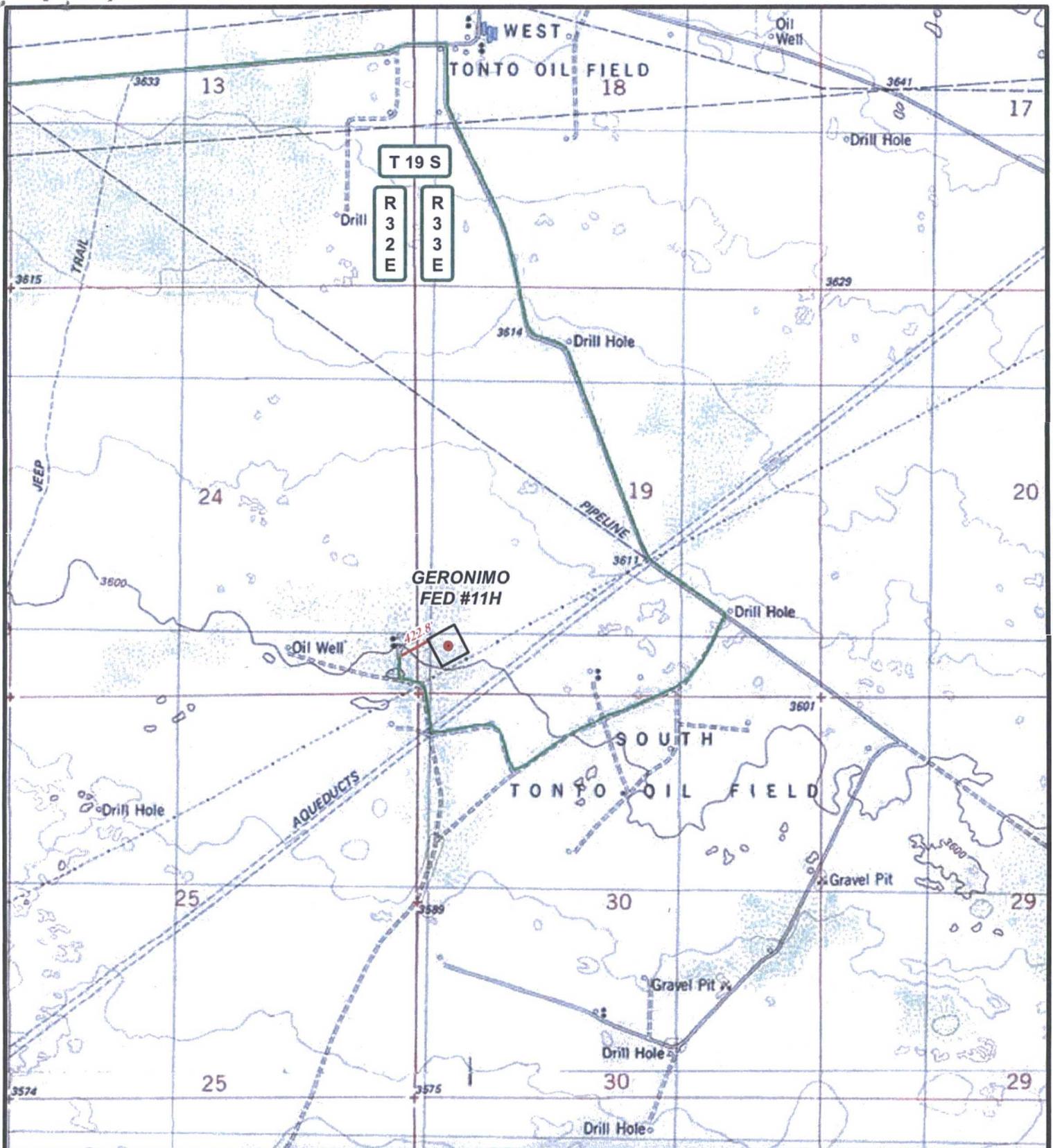
Chad Harcrow  
CHAD HARCROW N.M.P.S. NO. 17777

6/2/16  
DATE

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



<b>COG OPERATING, LLC</b>		
GERONIMO FEDERAL #11H WELL LOCATED 636 FEET FROM THE SOUTH LINE AND 411 FEET FROM THE WEST LINE OF SECTION 19, TOWNSHIP 19 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO		
SURVEY DATE: MAY 26, 2016	PAGE: 1 OF 1	
DRAFTING DATE: MAY 31, 2016		
APPROVED BY: CH	DRAWN BY: CH	FILE: 16-414



**LEGEND**

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

**GERONIMO FED #11H**

SEC: 19	TWP: 19 S.	RGE: 33E.	ELEVATION: 3599.6
STATE: NEW MEXICO		COUNTY: LEA	636' FSL & 411' FWL
W.O. # 16-414		LEASE: GERONIMO FED	SURVEY: N.M.P.M



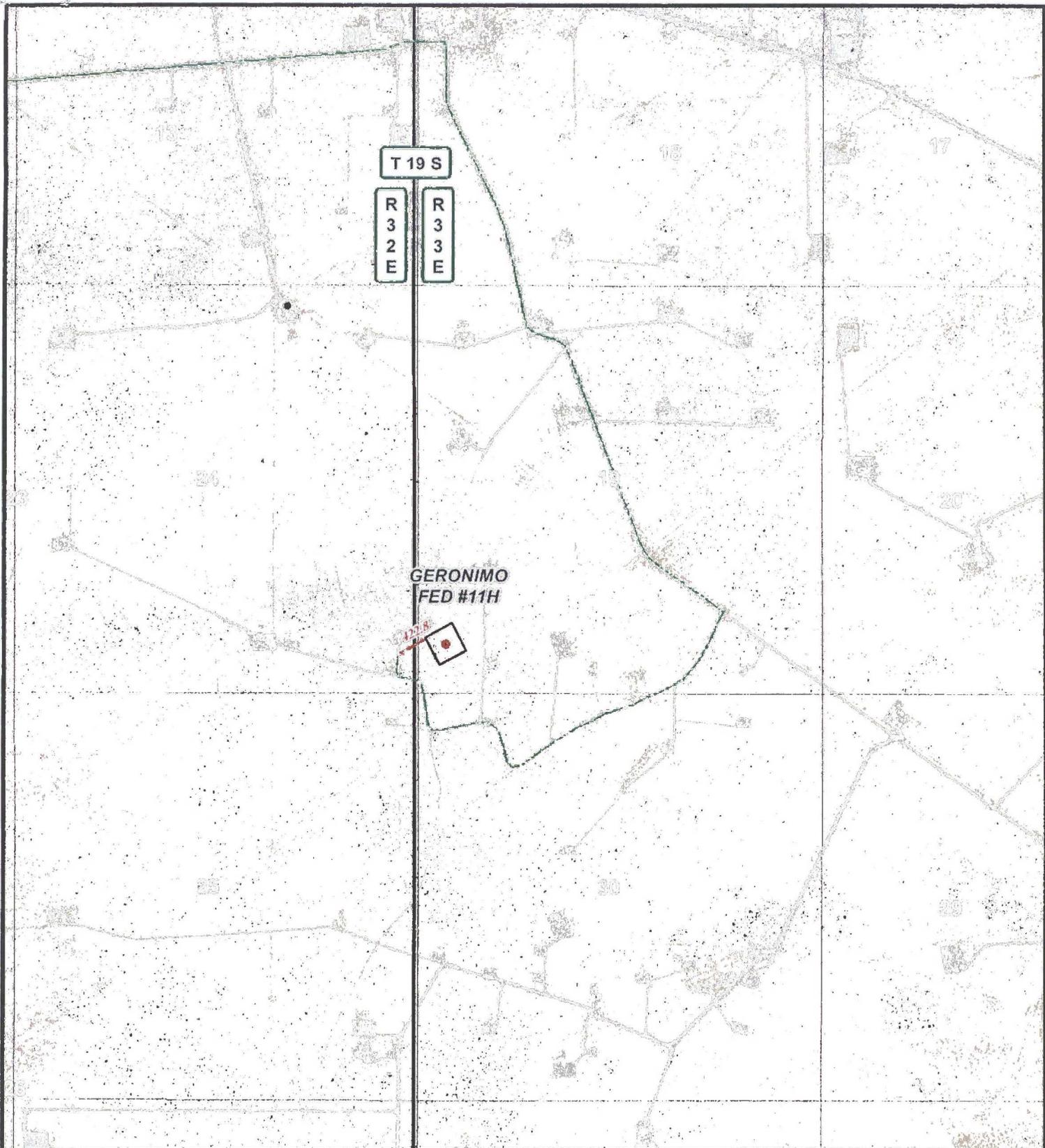
LOCATION MAP TOPO 06/02/16 C.H.



COG OPERATING, LLC



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

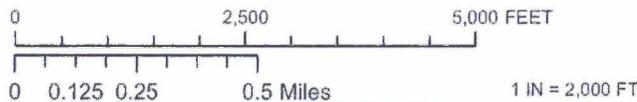


**LEGEND**

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

**GERONIMO FED #11H**

SEC: 19	TWP: 19 S.	RGE: 33E.	ELEVATION: 3599.6
STATE: NEW MEXICO	COUNTY: LEA	636' FSL & 411' FWL	
W.O. # 16-414	LEASE: GERONIMO FED	SURVEY: N.M.P.M	



LOCATION MAP      IMAGERY      06/02/16      C.H.



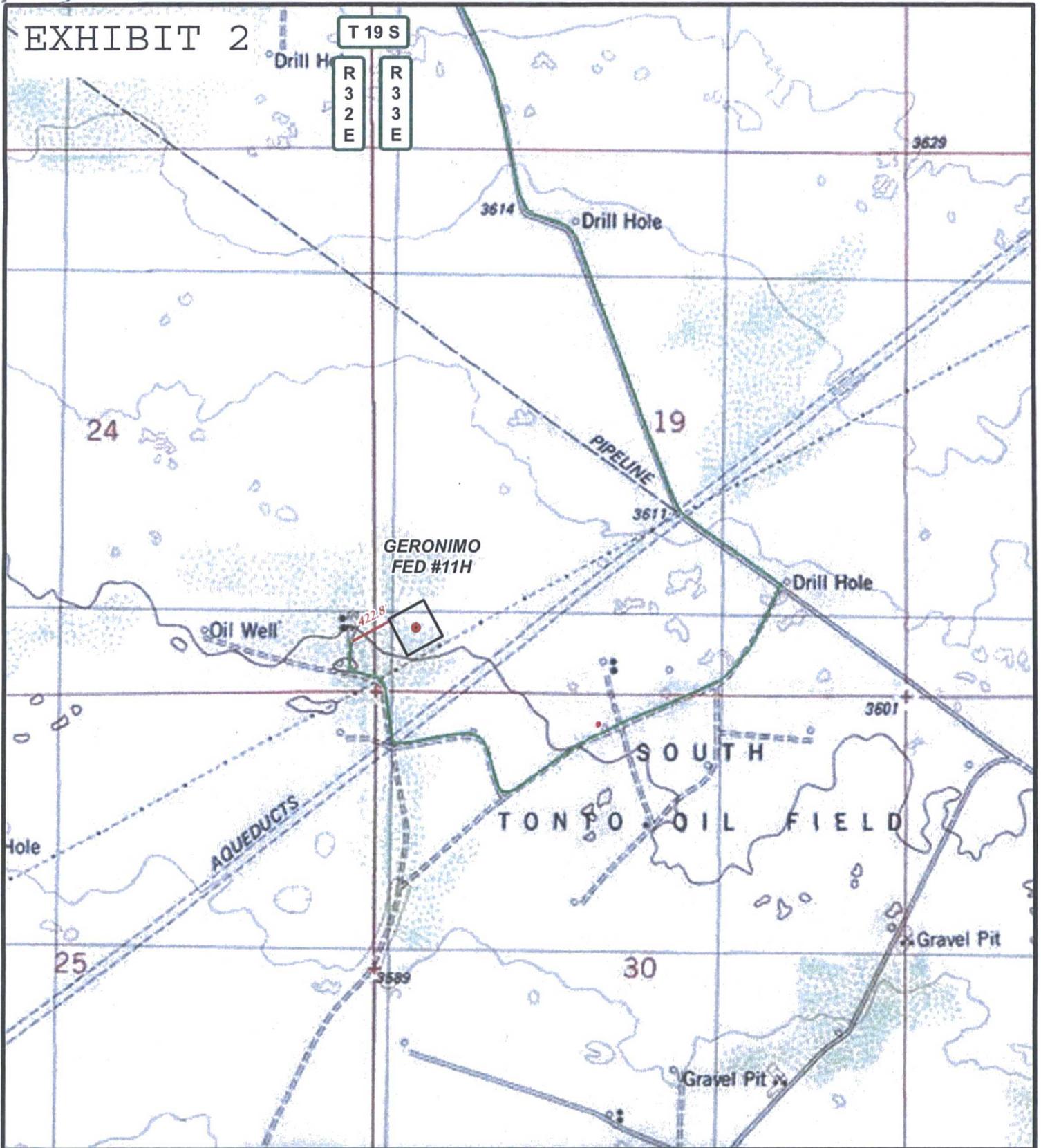
COG OPERATING, LLC



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 c.harcrow@harcrowsurveying.com

# EXHIBIT 2

T 19 S  
R 33 E  
R 33 E

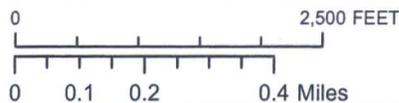


## LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

## GERONIMO FED #11H

SEC: 19	TWP: 19 S.	RGE: 33E.	ELEVATION: 3599.6
STATE: NEW MEXICO	COUNTY: LEA	636' FSL & 411' FWL	
W.O. # 16-414	LEASE: GERONIMO FED	SURVEY: N.M.P.M	



1 IN = 1,500 FT

LOCATION MAP

TOPO ROAD

06/02/16

C.H.



COG OPERATING, LLC



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T 19 S  
R 3 2 E  
R 3 3 E

GERONIMO  
FED #11H

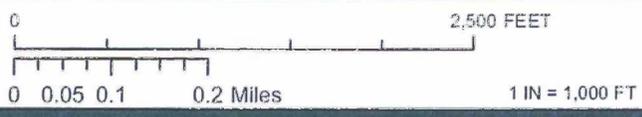


**LEGEND**

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

**GERONIMO FED #11H**

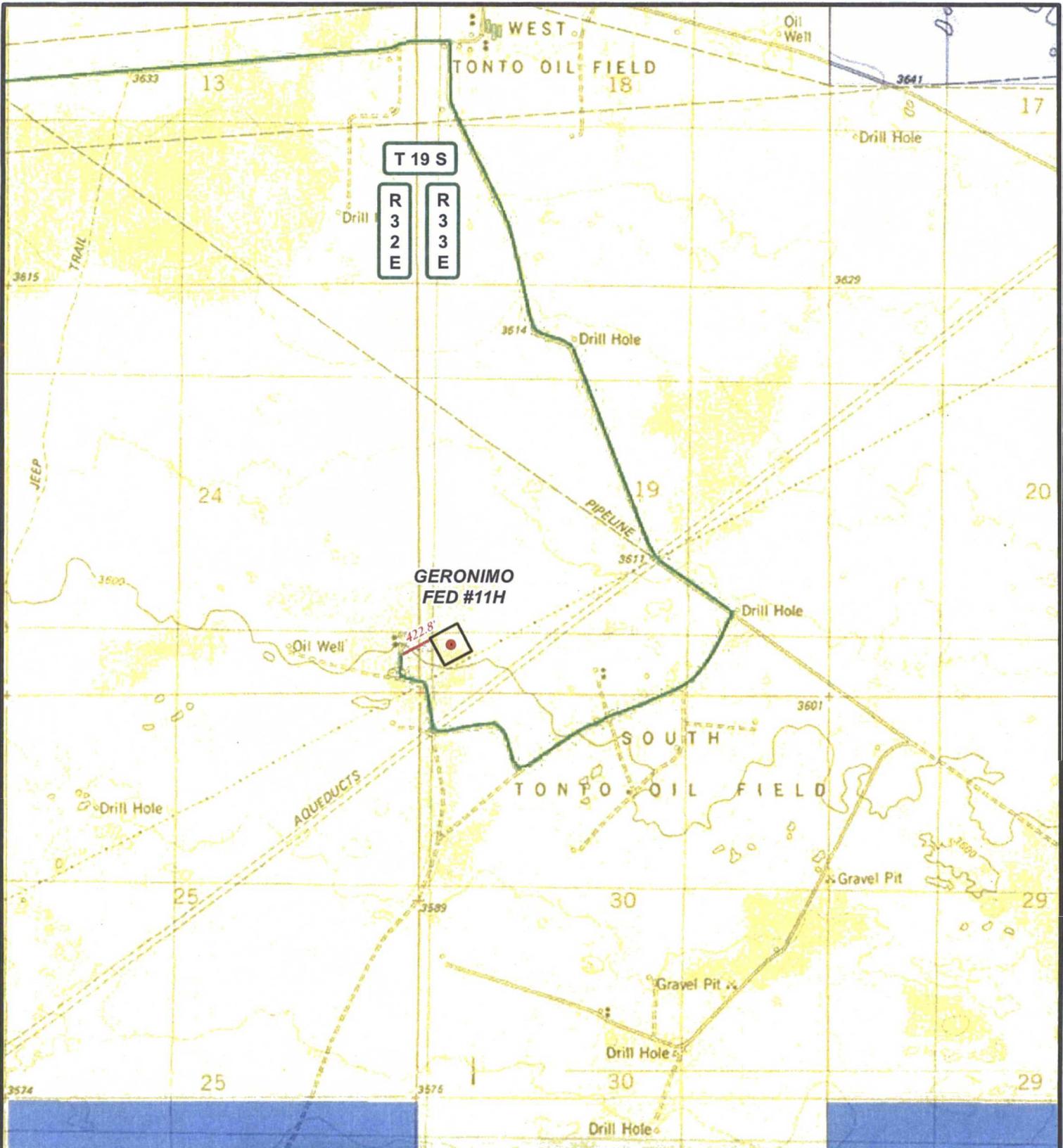
SEC: 19	TWP: 19 S.	RGE: 33E.	ELEVATION: 3599.6
STATE: NEW MEXICO	COUNTY: LEA	636' FSL & 411' FWL	
W.O. # 16-414	LEASE: GERONIMO FED	SURVEY: N.M.P.M	



LOCATION MAP      IMAGERY ROAD      06/02/16      C.H.

**CONCHO**  
COG OPERATING, LLC

**HS** HARCROW SURVEYING, LLC.  
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c.harcrow@harcrowsurveying.com



**LEGEND**

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

**GERONIMO FED #11H**

SEC: 19	TWP: 19 S.	RGE: 33E.	ELEVATION: 3599.6
STATE: NEW MEXICO		COUNTY: LEA	636' FSL & 411' FWL
W.O. # 16-414	LEASE: GERONIMO FED		SURVEY: N.M.P.M



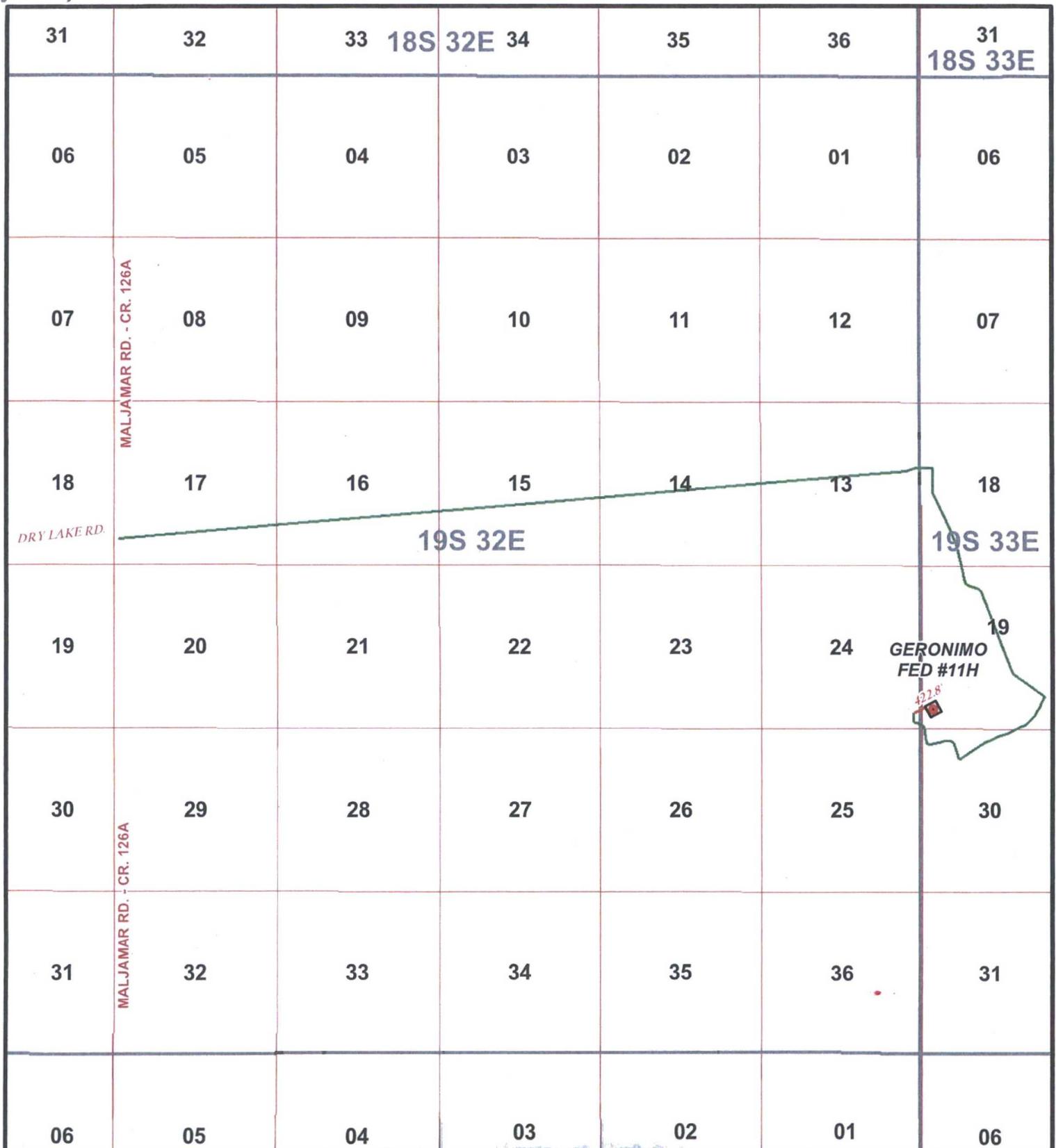
LOCATION MAP      LAND STATUS      06/02/16      C.H.



COG OPERATING, LLC



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 c.harcrow@harcrowsurveying.com



**LEGEND**

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

**GERONIMO FED #11H**

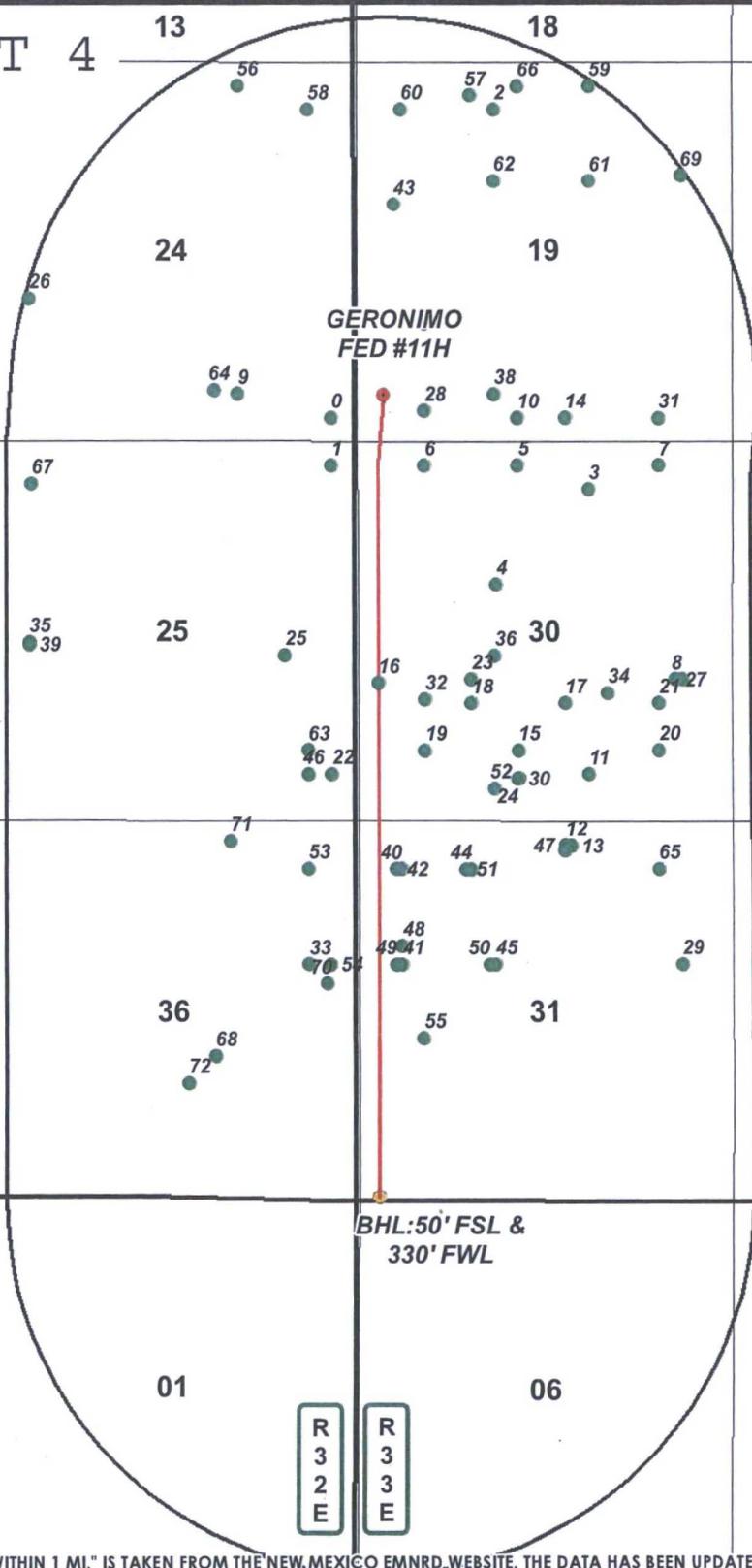
SEC: 19 TWP: 19 S. RGE: 33E. ELEVATION: 3599.6  
 STATE: NEW MEXICO COUNTY: LEA 636' FSL & 411' FWL  
 W.O. # 16-414 LEASE: GERONIMO FED SURVEY: N.M.P.M



WELL LOCATION VICINITY 06/02/16 C.H.



# EXHIBIT 4



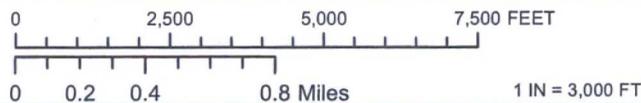
DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO EMNRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH MAY 18, 2016.

## LEGEND

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

## GERONIMO FED #11H

SEC: 19	TWP: 19 S.	RGE: 33E.	ELEVATION: 3599.6
STATE: NEW MEXICO		COUNTY: LEA	636' FSL & 411' FWL
W.O. # 16-414	LEASE: GERONIMO FED		SURVEY: N.M.P.M



1 MILE MAP

06/02/16

C.H.



COG OPERATING, LLC



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