

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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., Sante 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.
Sante Fe, NM 87505

HOBBS OC

OCT 19 2015

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|--|--|
| ¹ API Number 30-025- 42900 | ² Pool Code 51020 | ³ Pool Name Red Hills; Lower Bone Spring |
| ⁴ Property Code 40259 | ⁵ Property Name VACA 11 FED | ⁶ Well Number #401H |
| ⁷ OGRID No. 7377 | ⁸ Operator Name EOG RESOURCES, INC. | ⁹ Elevation 3369' |

¹⁰Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| M | 11 | 25-S | 33-E | - | 170' | SOUTH | 1200' | WEST | LEA |

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| N | 14 | 25-S | 33-E | - | 230' | SOUTH | 1900' | WEST | LEA |

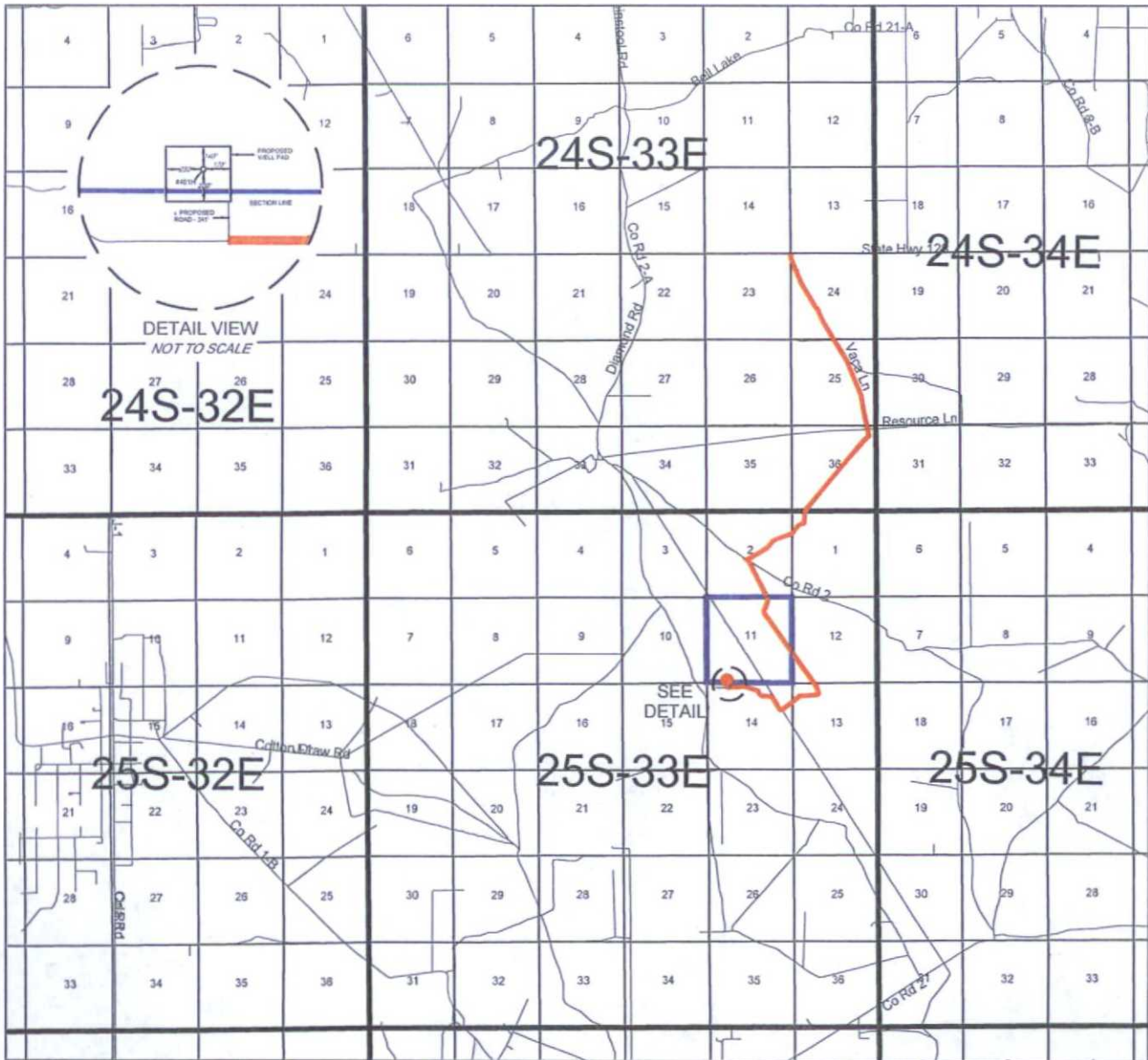
| | | | |
|--|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--|-------------------------------|----------------------------------|-------------------------|

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.

| | | | |
|---|--|---|--|
| <p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=743302 Y=414867 LAT.: N 32.1381465 LONG.: W 103.5473055</p> | | <p>17 OPERATOR CERTIFICATION I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Stan Wagner</i> 1/7/15 Signature Date</p> <p>Stan Wagner Printed Name</p> <p>E-mail Address</p> | |
| <p>UPPER MOST PREF. NEW MEXICO EAST NAD 1927 X=744005 Y=414371 LAT.: N 32.1367685 LONG.: W 103.5450446</p> | | <p>18 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 to the best of my belief.</p> <p>12/20/2012 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>18329 Certificate Number</p> | |
| <p>LOWER MOST PREF. NEW MEXICO EAST NAD 1927 X=744036 Y=409753 LAT.: N 32.1240740 LONG.: W 103.5450531</p> | | | |
| <p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=744037 Y=409653 LAT.: N 32.1237991 LONG.: W 103.5450540</p> | | | |

OCT 27 2015

EXHIBIT 2 VICINITY MAP



LEASE NAME & WELL NO.: VACA FED #401H

SECTION 11 TWP 25-S RGE 33-E SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 170' FSL & 1200' FWL

DISTANCE & DIRECTION

FROM INT. OF NM-18 N & NM-128. GO WEST ON NM-128 W ±22.0 MILES.
THENCE SOUTH (LEFT) ON VACA LN. ±4.4 MILES. THENCE SOUTHEAST
(LEFT) ON LEASE RD. ±1.8 MILES. THENCE WEST (RIGHT) ON LEASE RD.
±0.5 MILES. THENCE NORTHWEST (RIGHT) ON LEASE RD. ±0.7 MILES.
THENCE NORTH (RIGHT) ON PROPOSED RD. ±241 FEET, TO A POINT
±200 FEET SOUTH OF THE LOCATION.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET.



SCALE: 1" = 1000'

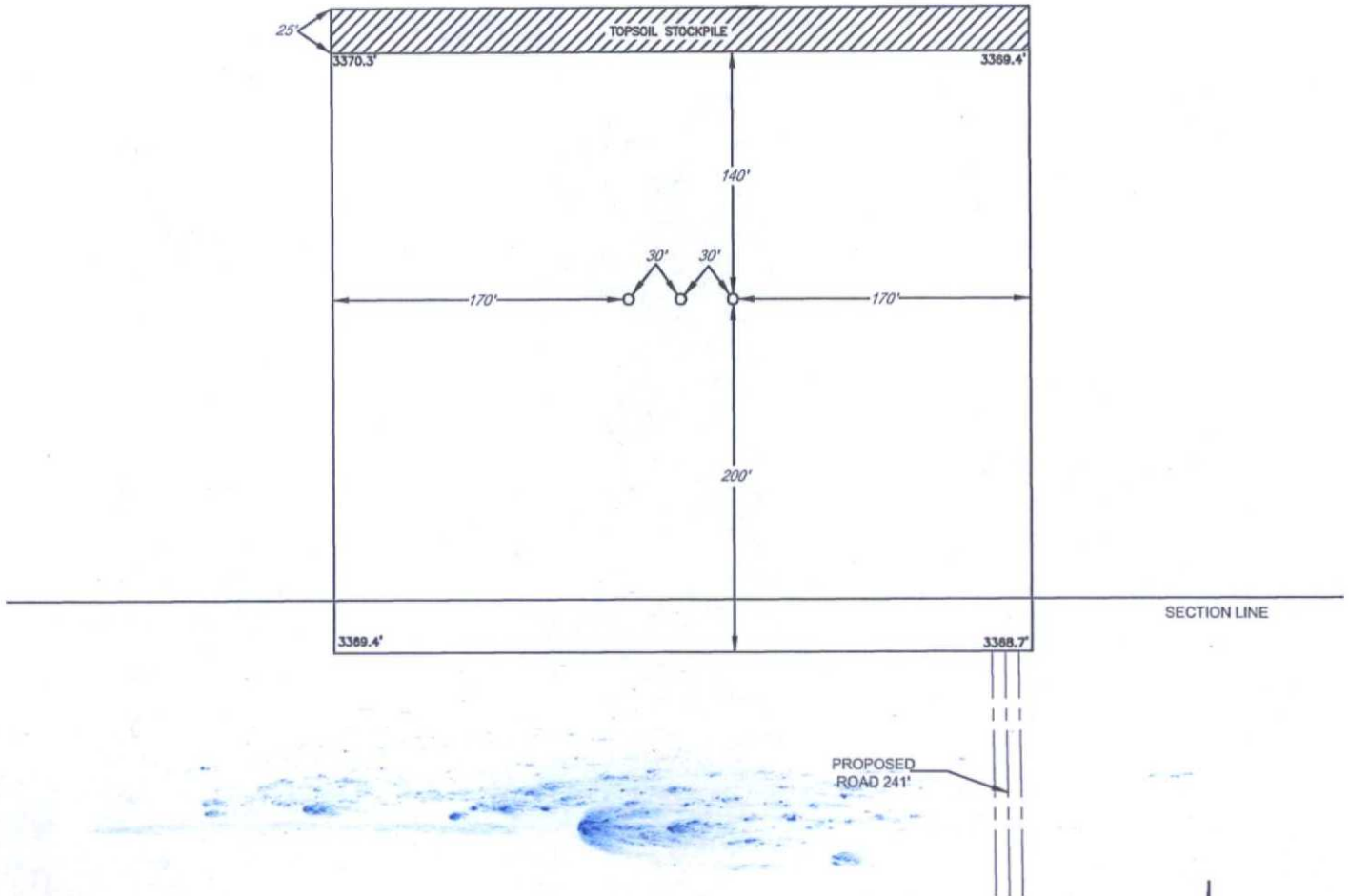
0' 500' 1000'



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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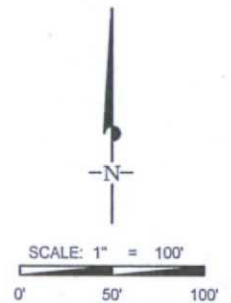
EXHIBIT 2B



LEASE NAME & WELL NO.: VACA FED #401H
 #1H LATITUDE N 32.1381465 #1H LONGITUDE W 103.5473055

LEGEND

== == == == EXISTING ROAD
 --- SECTION LINE
 --- EXISTING PIPELINE



ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

THIS PROPOSED PAD SITE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"

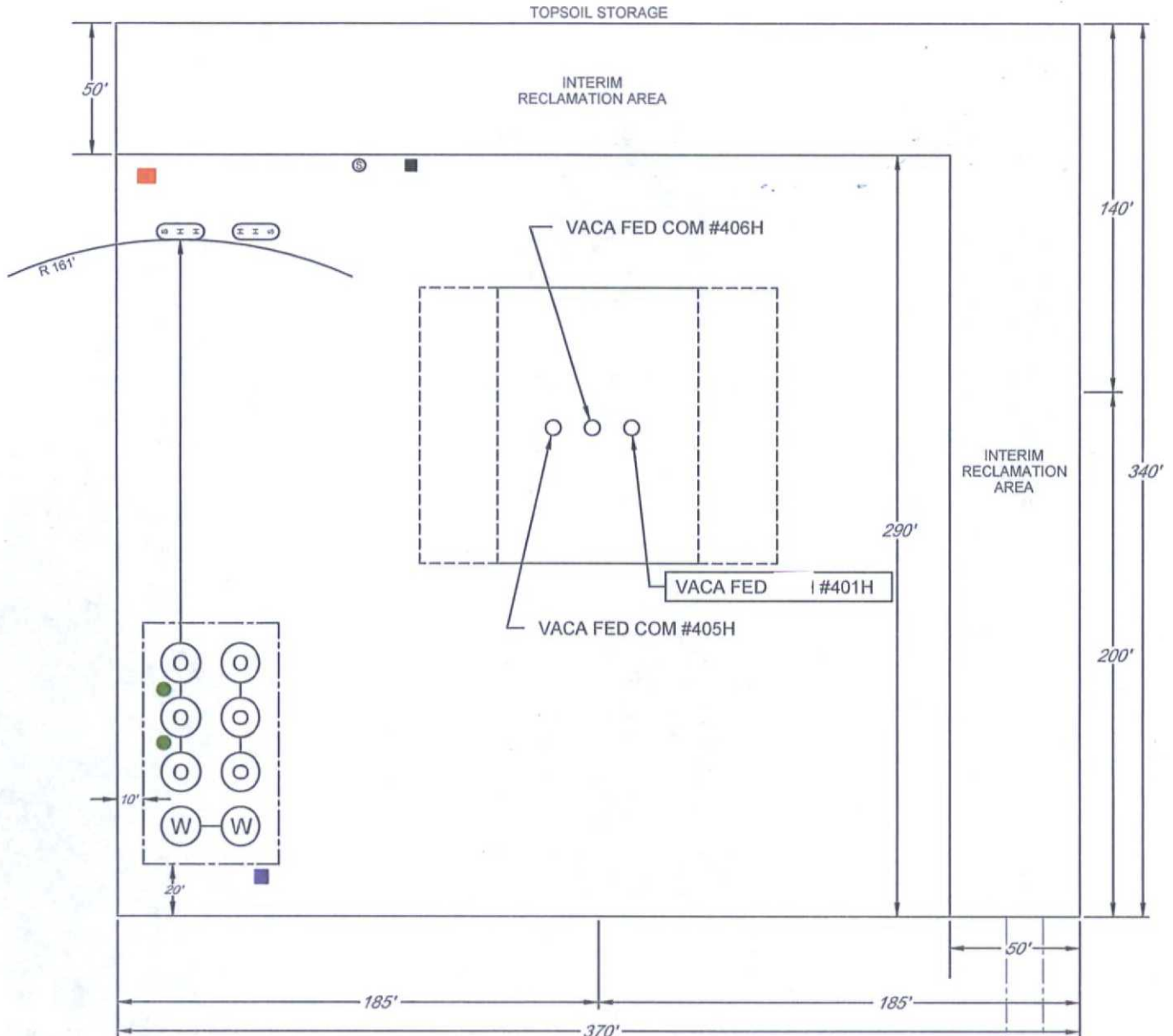
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 WWW.TOPOGRAPHIC.COM

EXHIBIT 2C

RECLAMATION AND FACILITY DIAGRAM - PRODUCTION FACILITIES DIAGRAM

SECTION 11, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 60'



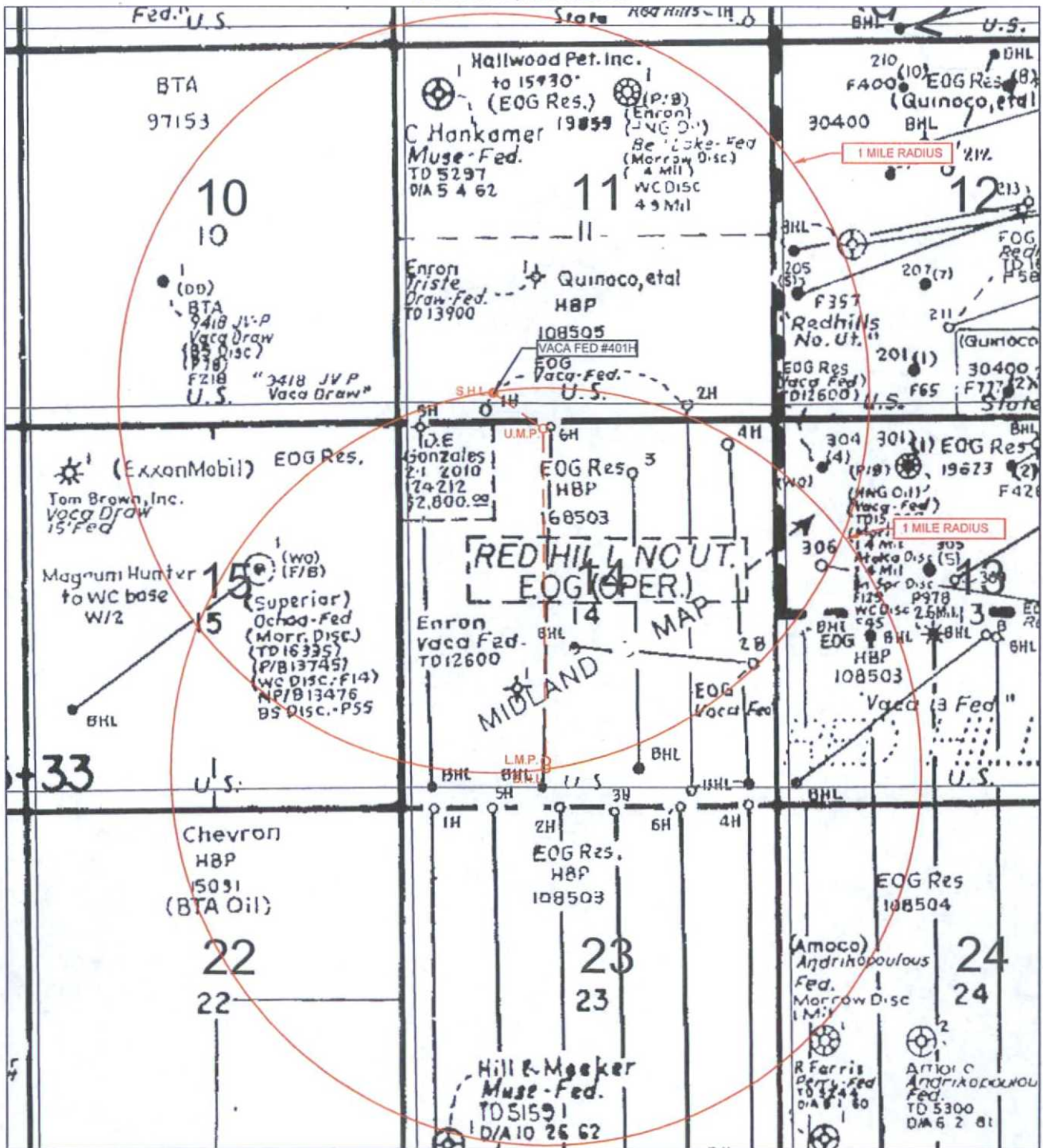
LEASE NAME & WELL NO.: VACA FED #401H
#401H LATITUDE N 32.1381465 #401H LONGITUDE W 103.5473055

LEGEND

| | | | |
|--|--------------------------|--|-----------------|
| | 500 BBL OIL TANK | | FLARE SEPARATOR |
| | 500 BBL WATER TANK | | VRU |
| | 36 x 15 HEATER/SEPARATOR | | 48 X 25 VRT |
| | | | FP FLARE |
| | | | OP FLARE |

EXHIBIT 3

SECTION 11, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: VACA FED #401H

SCALE: NTS

#1H LATITUDE N 32.1381465

#1H LONGITUDE W 103.5473055

LEGEND

- — — — — EXISTING ROAD
- — — — — SECTION LINE
- — — — — EXISTING PIPELINE
- — — — — OVERHEAD ELECTRIC
- — — — — FENCE LINE



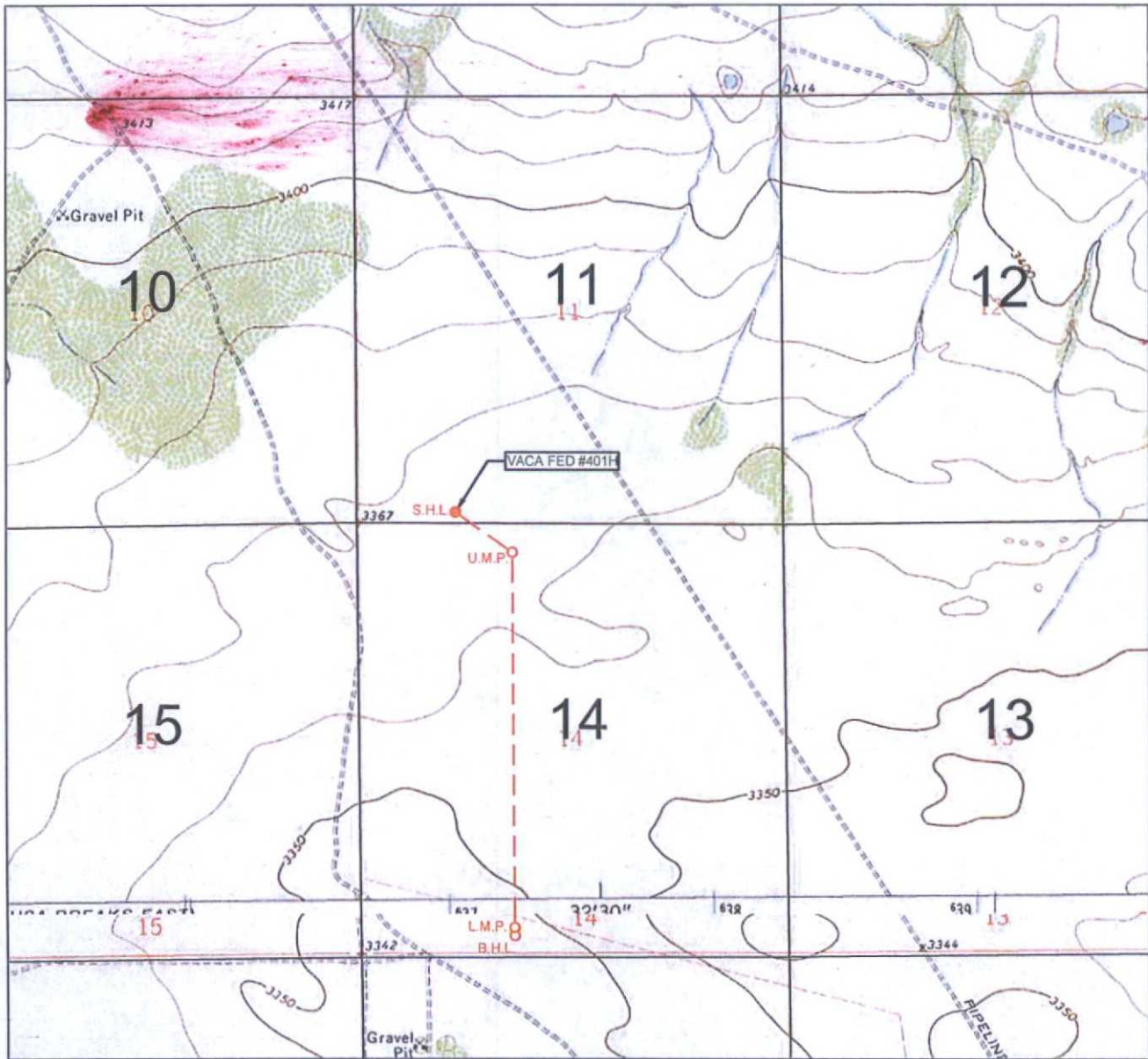
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LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: VACA FED #401H

SECTION 11 TWP 25-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3369'
 DESCRIPTION 170' FSL & 1200' FWL

LATITUDE N 32.1381465 LONGITUDE W 103.5473055



SCALE: 1" = 2000'
 0' 1000' 2000'

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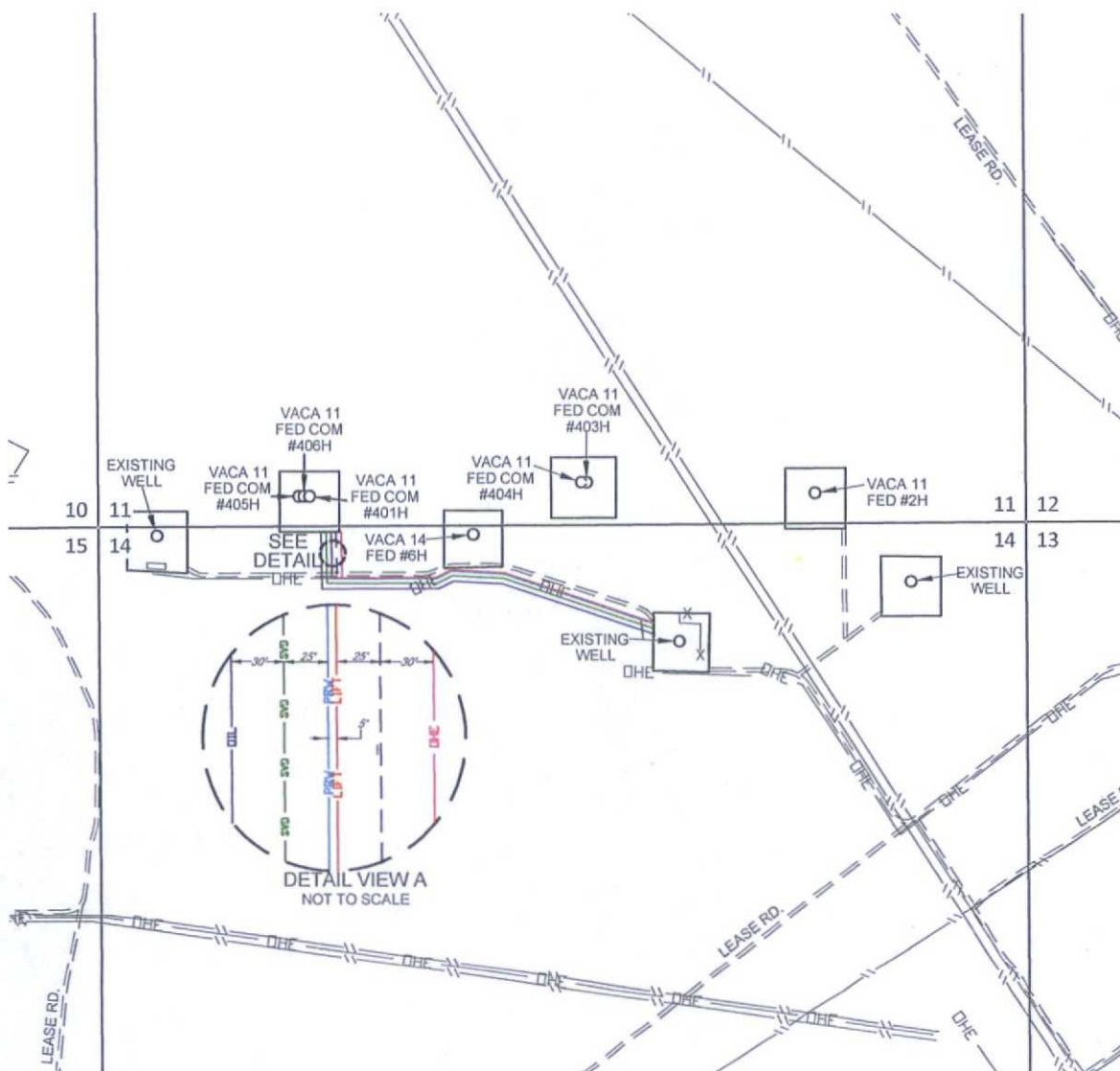
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SCALE 1" = 1000'
0' 500' 1000'

EXHIBIT 5

SECTION 11, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

VACA 11 FED COM 401H, 405H & 406H INFRASTRUCTURE MAP



| VACA 11 FED COM 401H, 405H & 406H INFRASTRUCTURE MAP | REVISION: | |
|--|-----------|----------|
| | INT | DATE |
| DATE: 12/19/14 | MML | 01/19/15 |
| FILE: SK_VACA11_FED_401H_405H_406H_INFRASTRUCTURE_REV1 | | |
| DRAWN BY: MML | | |
| SHEET: 1 OF 1 | | |

| | |
|---|--|
| --- LEASE RD. DISTANCE -TOTAL FOOTAGE 240 FT FROM LAUNCH PAD RD. TO VACA 11 FED COM #401H, #405H & #406H..... 240 FT | --- OIL --- 4" STEEL OIL SALES LINE -TOTAL FOOTAGE 2,258 FT -(WORKING PRESSURE 75-125 PSI) TO VACA 11 FED COM #401H, #405H & #406H..... 2,258 FT |
| --- PRV --- 8" PRODUCED WATERLINE -TOTAL FOOTAGE 2,158 FT -(WORKING PRESSURE 75-125 PSI) FROM EXISTING WELL TO VACA 11 FED COM #401H, #405H & #406H..... 2,158 FT | --- EHE --- ELECTRIC LINE -TOTAL FOOTAGE 263 FT -(WORKING PRESSURE 75-125 PSI) TO VACA 11 FED COM #401H, #405H & #406H..... 263 FT |
| --- LIFT --- 8" GAS LIFT LINE -TOTAL FOOTAGE 2,158 FT -(WORKING PRESSURE 75-125 PSI) FROM EXISTING WELL TO VACA 11 FED COM #401H, #405H & #406H..... 2,158 FT | --- GAS --- 12" GAS SALES LINE -TOTAL FOOTAGE 2,199 FT -(WORKING PRESSURE 75-125 PSI) FROM EXISTING WELL TO VACA 11 FED COM #401H, #405H & #406H..... 2,199 FT |