

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., 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 OGD

OCT 19 2015

RECEIVED

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 42889	² Pool Code 51020	³ Pool Name Red Hills; Lower Bone Spring
⁴ Property Code 39817	⁵ Property Name VACA 11 FED COM	
⁶ OGRID No. 7377	⁷ Operator Name EOG RESOURCES, INC.	⁸ Well Number #405H ⁹ Elevation 3369'

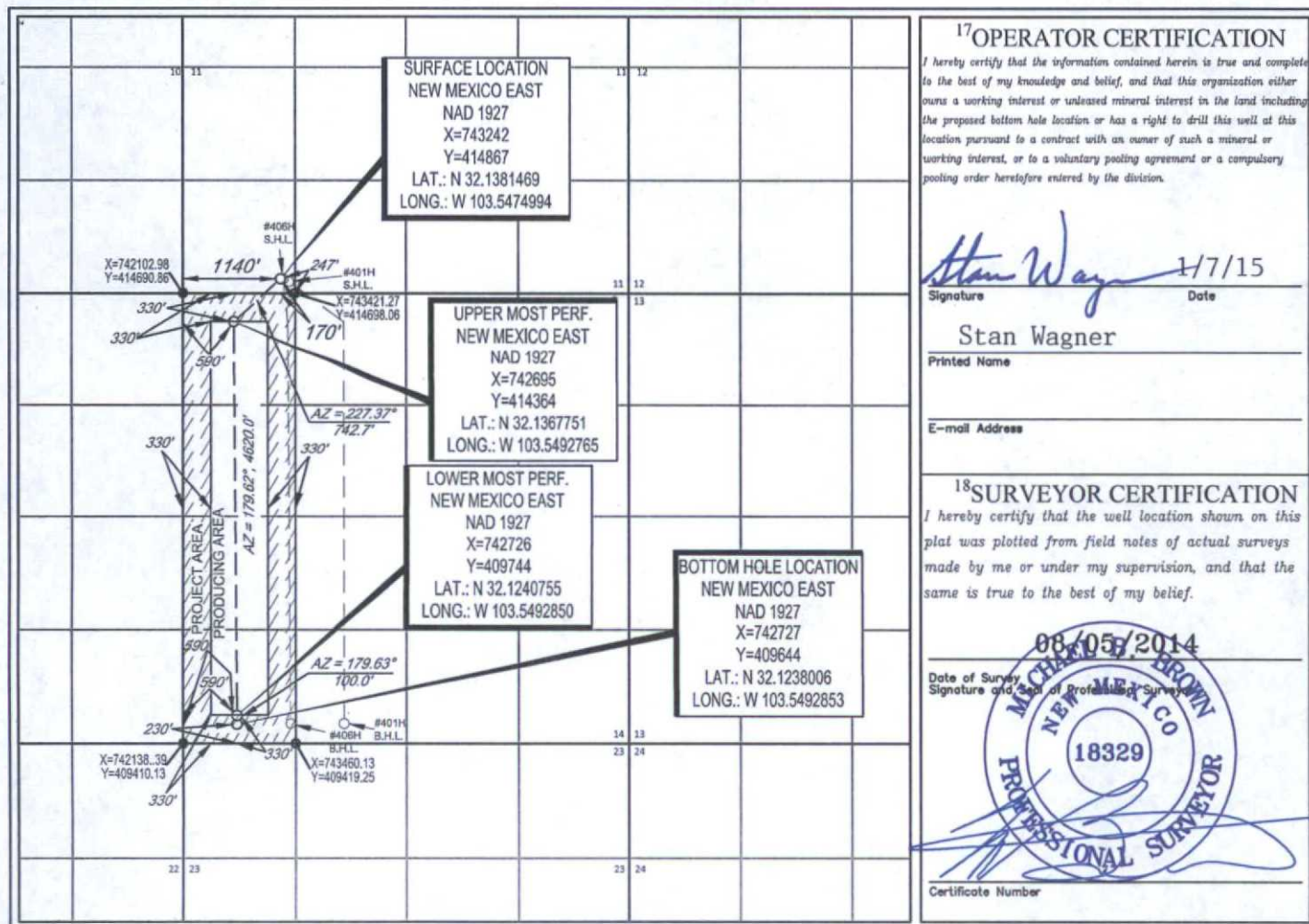
¹⁰Surface Location

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	1140'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	25-S	33-E	-	230'	SOUTH	590'	WEST	LEA

¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



¹⁷OPERATOR 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 undivided 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.

Stan Wagner 1/7/15
Signature Date

Stan Wagner

Printed Name

E-mail Address

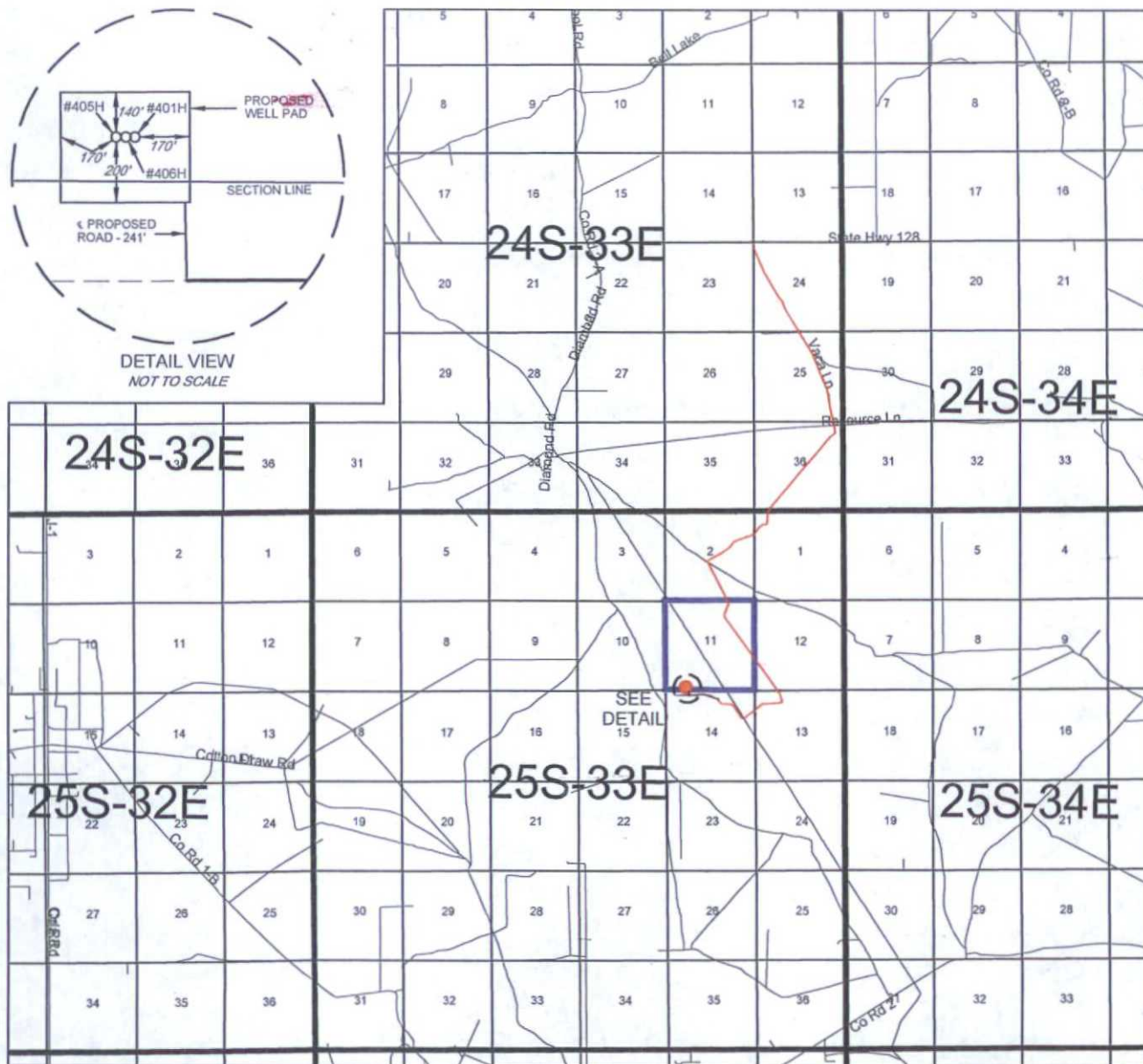
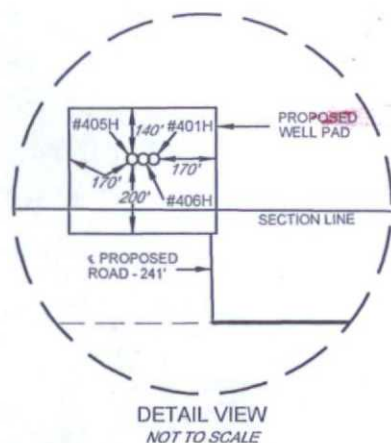
¹⁸SURVEYOR CERTIFICATION

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.

08/05/2014
Date of Survey
Signature and Seal of Professional Surveyor
MICHAEL BROWN
NEW MEXICO
PROFESSIONAL SURVEYOR
18329
Certificate Number

OCT 20 2015

EXHIBIT 2 VICINITY MAP



LEASE NAME & WELL NO.: VACA FED COM #405H

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

COUNTY LEA STATE NM

DESCRIPTION 170' FSL & 1140' 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'

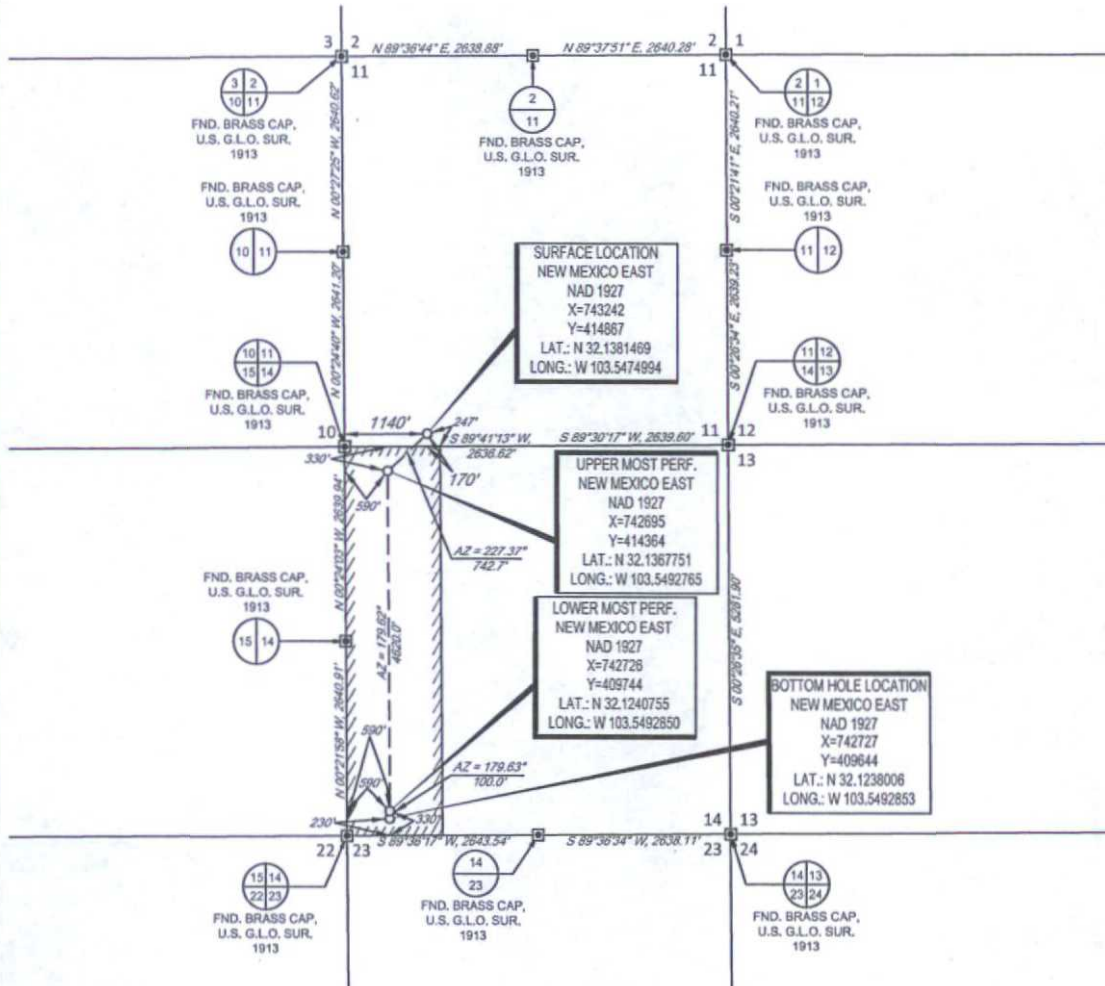


TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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
WWW.TOPOGRAPHIC.COM

EXHIBIT 2A

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



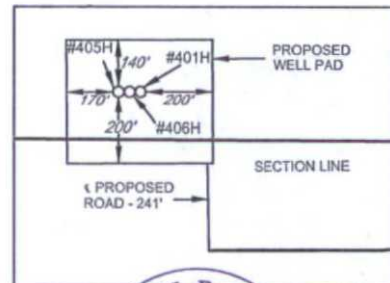
LEASE NAME & WELL NO.: VACA FED COM #405H

SECTION 11 TWP 25-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 170' FSL & 1140' 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.

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 1983, U.S. SURVEY FEET

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 EGO RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED
TO THOSE PERIODS OR ENTITIES SHOWN ON THIS PLAN AND IS NON-TRANSFERABLE.
THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Michael Blake Brown, P.S. No. 18329
AUGUST 8, 2014

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

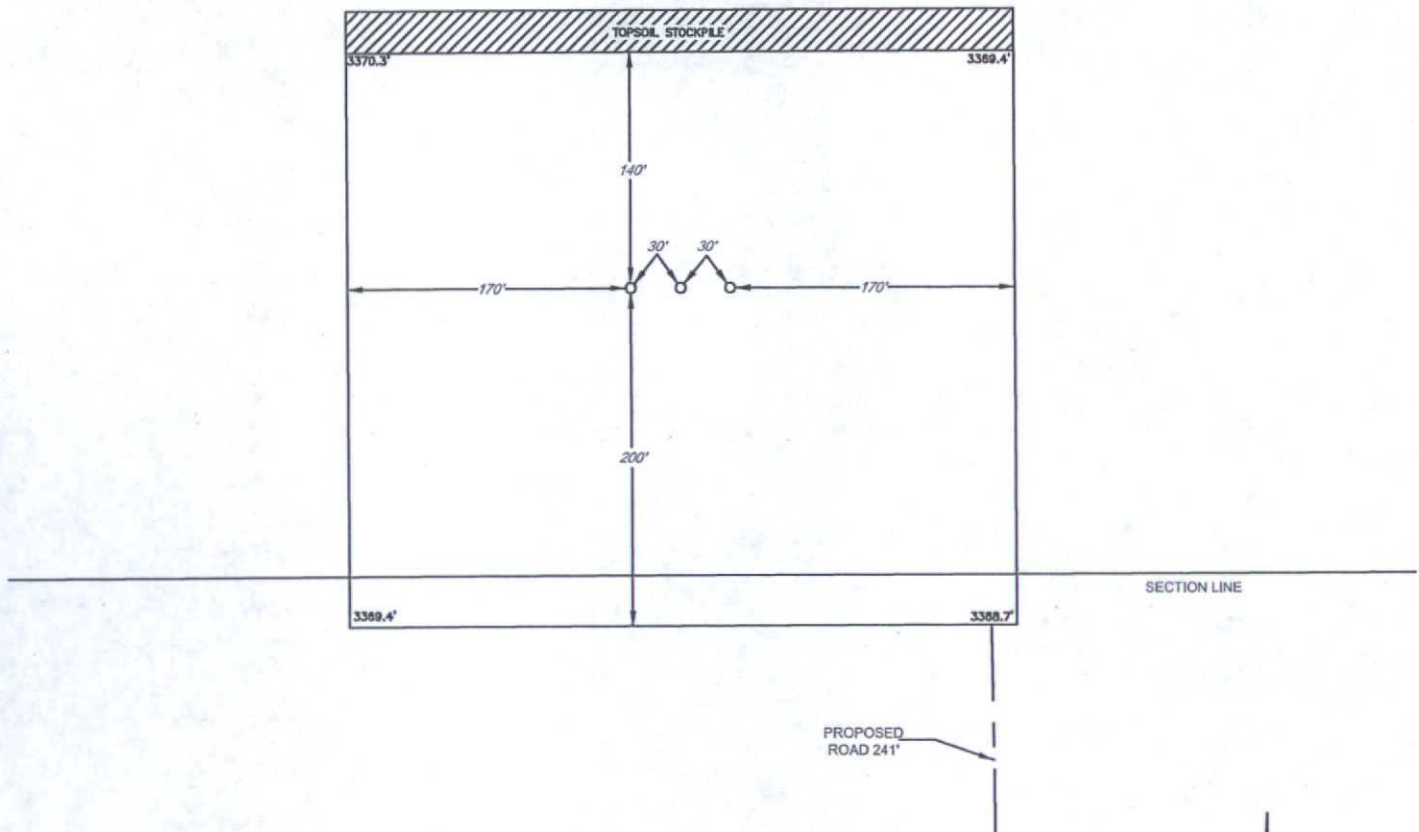
1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
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5503 NORTH BOS SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 652-1653 OR (800) 767-1853 • FAX: (432) 682-1743
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EXHIBIT 2B

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

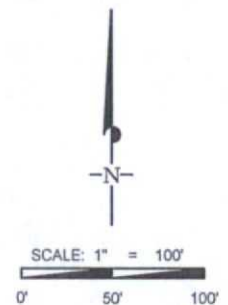
DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: _____ VACA FED COM #405H
#1H LATITUDE _____ N 32.1381469 #1H LONGITUDE _____ W 103.5474994

LEGEND

== == == == == EXISTING ROAD
— — — — — SECTION LINE
— — — — — EXISTING PIPELINE



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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.



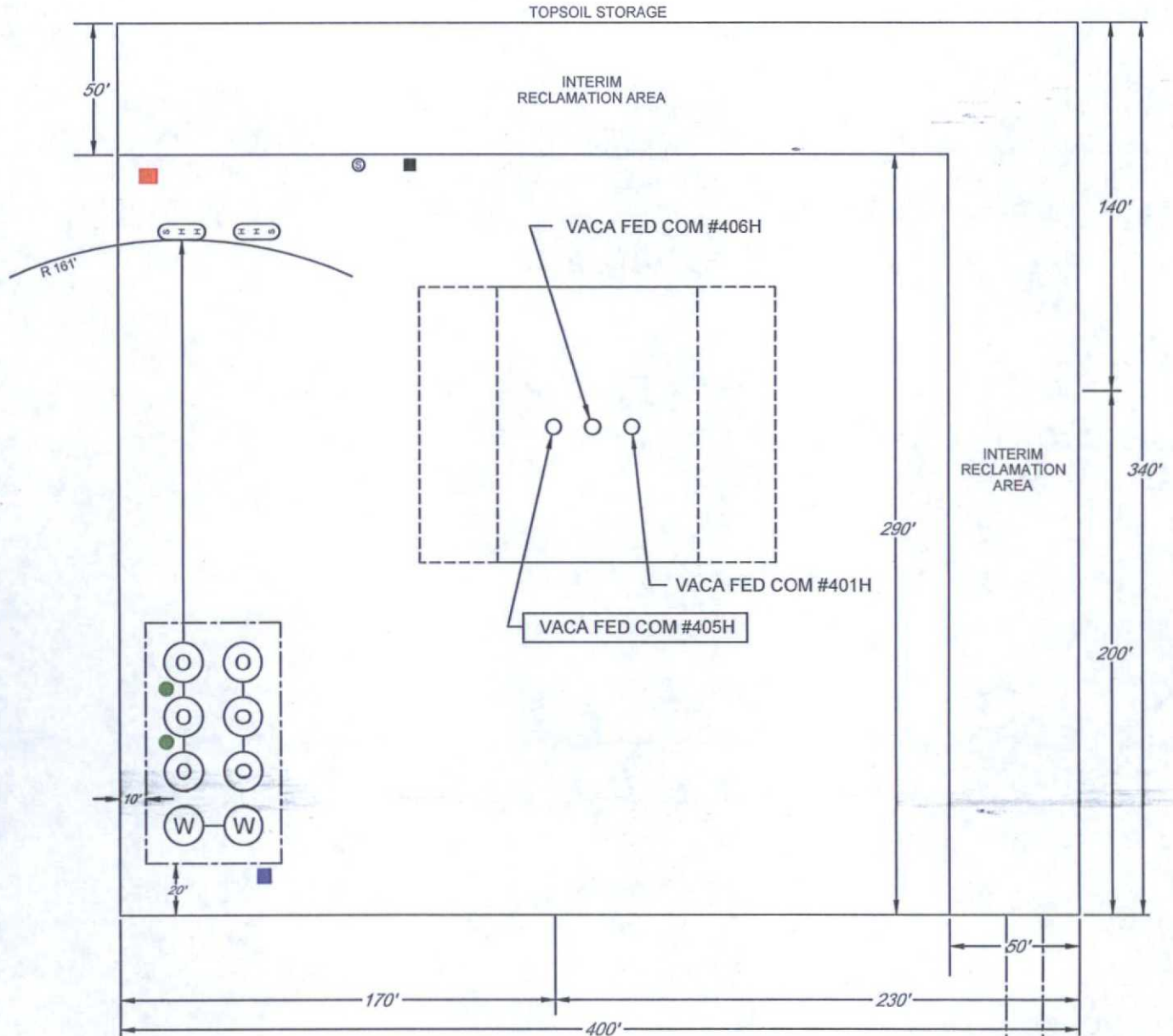
1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
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EXHIBIT 2C

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'

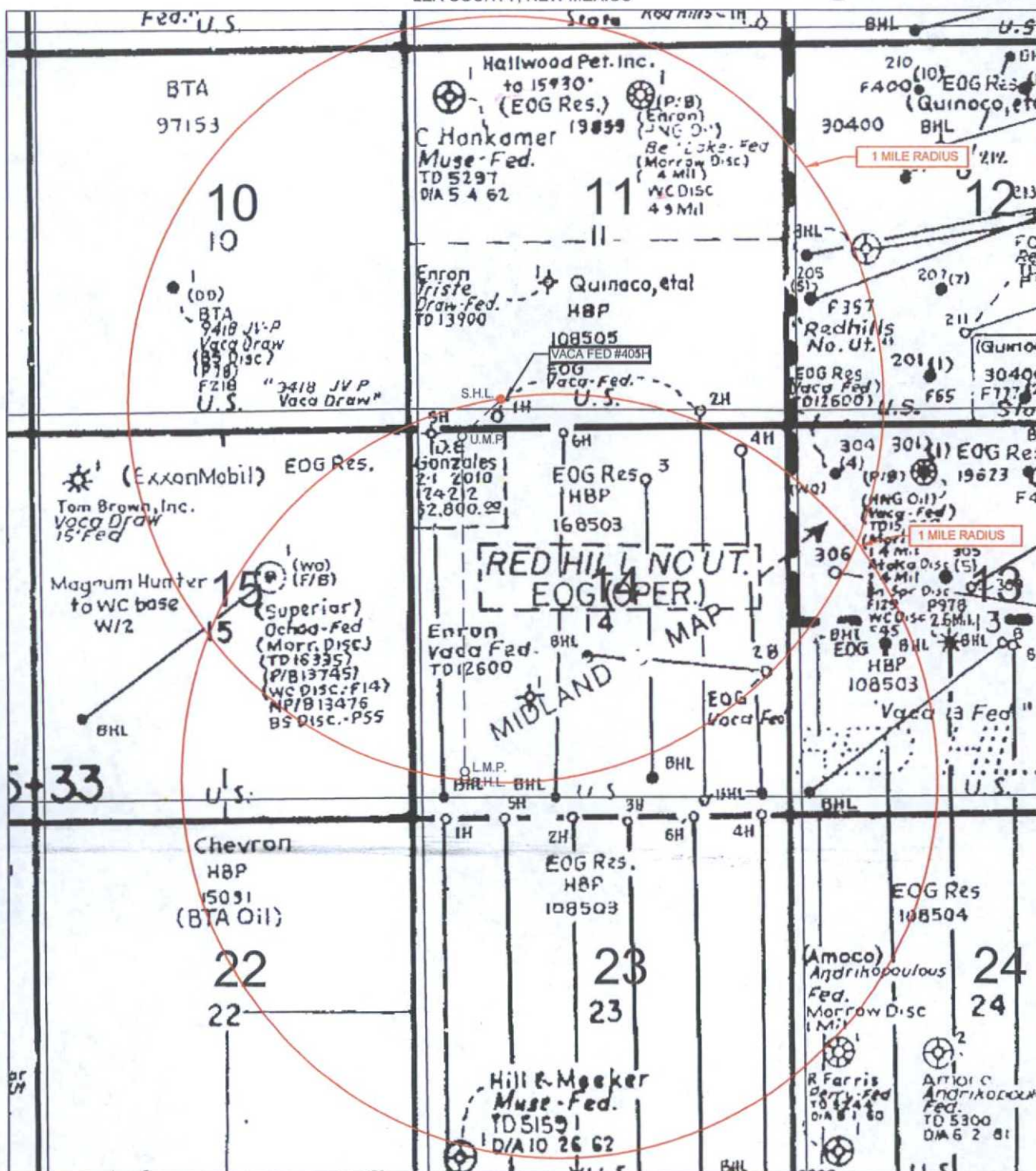


LEASE NAME & WELL NO.: VACA FED COM #405H
#1H LATITUDE N 32.1381469 #1H LONGITUDE W 103.5474994

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

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



VACA FED COM #405H

SCALE: NTS

#1H LATITUDE N 32.1381469

#1H LONGITUDE W 103.5474994

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NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

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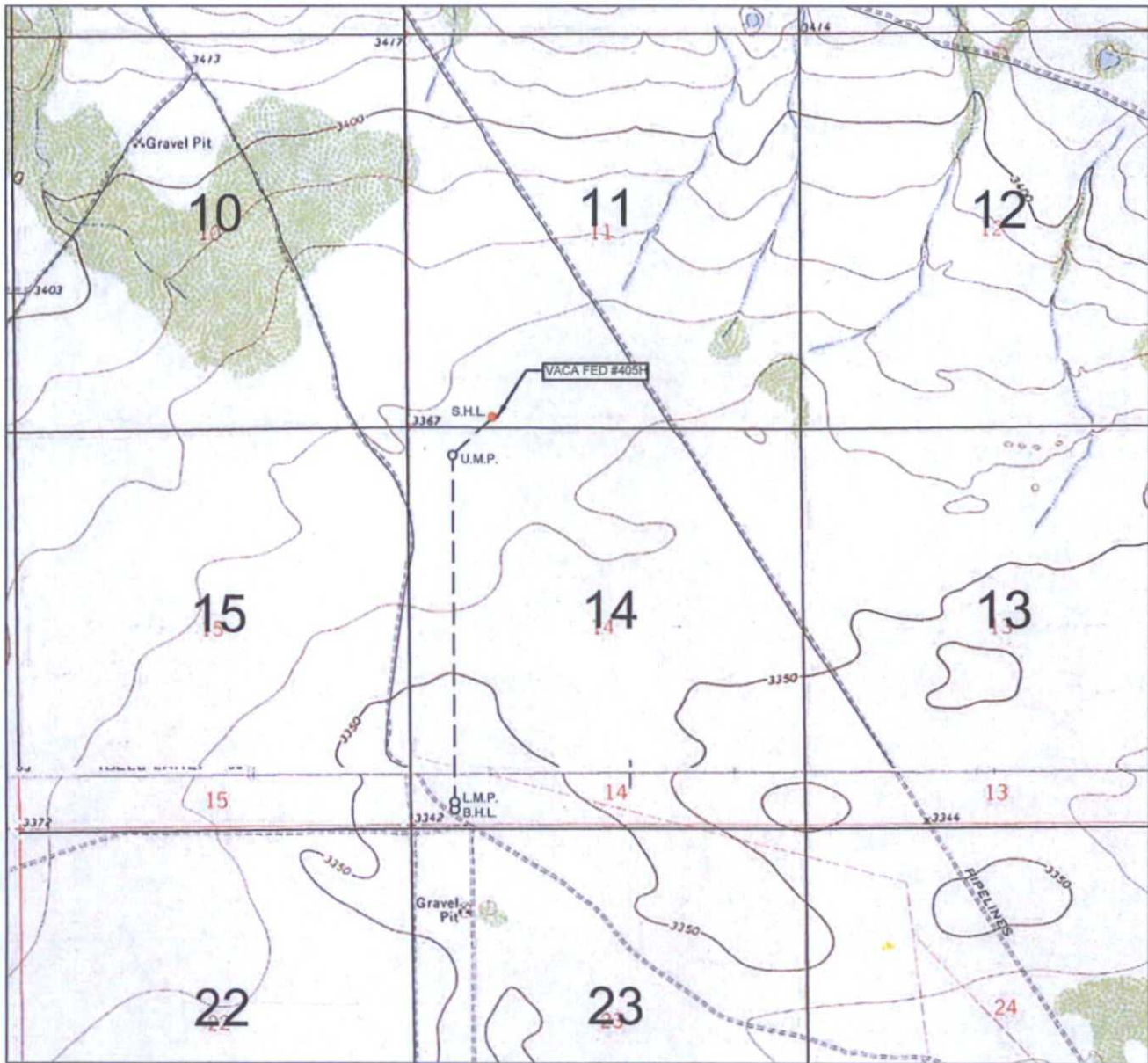
=====	EXISTING ROAD
=====	SECTION LINE
-----	EXISTING PIPELINE
----- OHE -----	OVERHEAD ELECTRIC
----- X -----	FENCE LINE



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: VACA FED COM #405H

SECTION 11 TWP 25-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3369'
 DESCRIPTION 170' FSL & 1140' FWL

LATITUDE N 32.1381469 LONGITUDE W 103.5474994



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

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.

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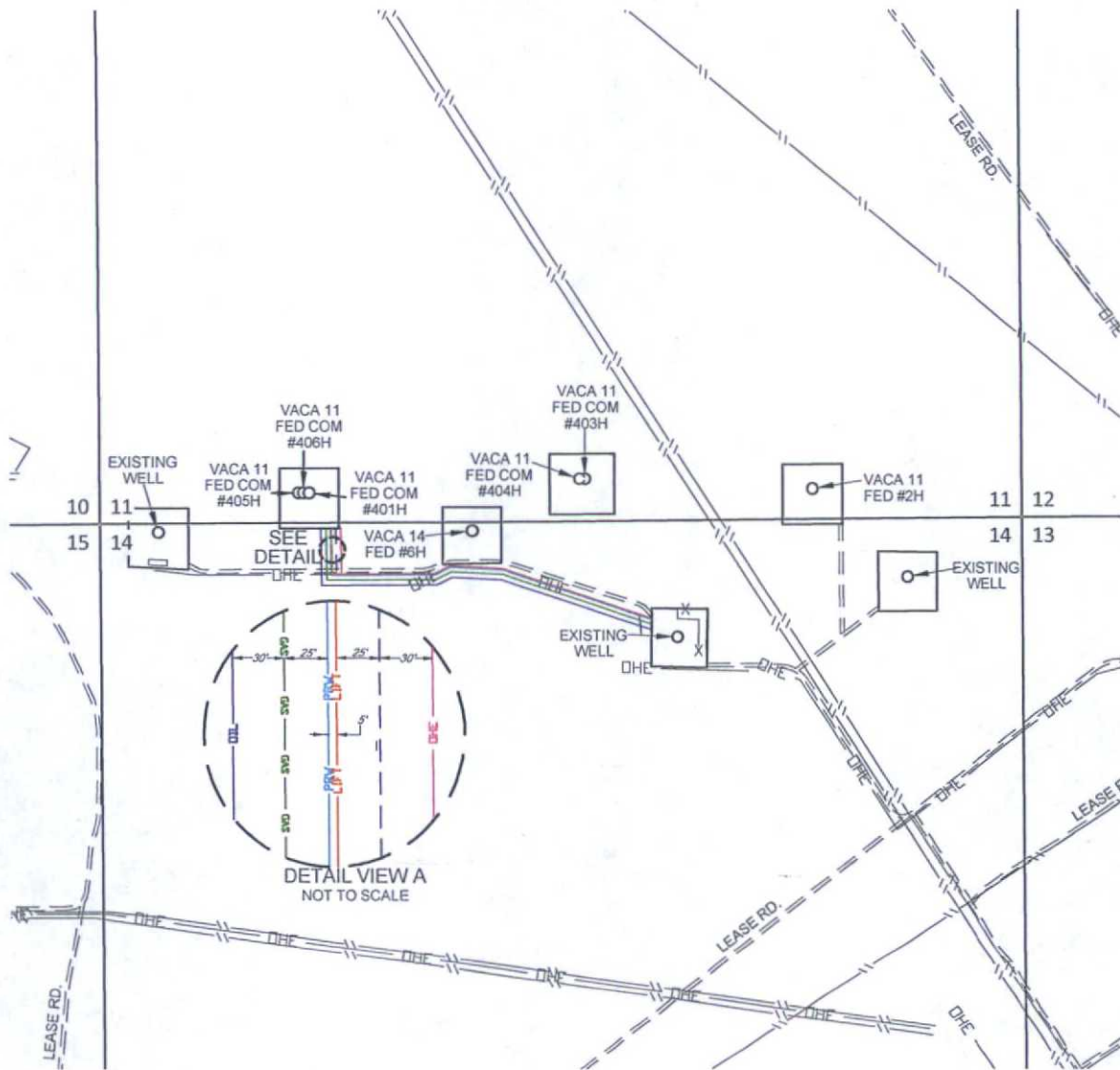
SCALE 1" = 1000'

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_VACA11FED_401H_405H-406H_INFRASTRUCTURE_REV1		
DRAWN BY: MML		
SHEET: 1 OF 1		

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